

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101823\
 Data File : VY016022.D
 Acq On : 18 Oct 2023 16:03
 Operator : SY/MD
 Sample : VY1018SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1018SBS01

Quant Time: Oct 19 03:23:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 19 03:15:44 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/19/2023
 Supervised By : Semsettin Yesilyurt 10/20/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	216135	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	346908	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	315722	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	161279	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	112729	45.890	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.780%		
35) Dibromofluoromethane	7.716	113	103566	45.356	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	90.720%		
50) Toluene-d8	10.179	98	374554	45.165	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	90.340%		
62) 4-Bromofluorobenzene	12.483	95	134431	45.431	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	90.860%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	33371	18.681	ug/l	97
3) Chloromethane	2.107	50	43799	19.418	ug/l	99
4) Vinyl Chloride	2.247	62	48282	19.073	ug/l	94
5) Bromomethane	2.650	94	31095	16.839	ug/l	95
6) Chloroethane	2.784	64	29779	18.294	ug/l	98
7) Trichlorofluoromethane	3.119	101	75264	19.537	ug/l	98
8) Diethyl Ether	3.527	74	27822	20.442	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.893	101	43542	19.649	ug/l	96
10) Methyl Iodide	4.088	142	53545	18.504	ug/l	98
11) Tert butyl alcohol	5.003	59	37111	97.865	ug/l	100
12) 1,1-Dichloroethene	3.869	96	40262	19.418	ug/l	90
13) Acrolein	3.735	56	34032	123.610	ug/l	99
14) Allyl chloride	4.472	41	63451	19.570	ug/l	95
15) Acrylonitrile	5.167	53	84187	103.683	ug/l	99
16) Acetone	3.966	43	94302	103.560	ug/l	94
17) Carbon Disulfide	4.186	76	116582	19.192	ug/l	99
18) Methyl Acetate	4.478	43	65013	20.743	ug/l	92
19) Methyl tert-butyl Ether	5.222	73	132633	19.828	ug/l	100
20) Methylene Chloride	4.710	84	68936	25.483	ug/l	91
21) trans-1,2-Dichloroethene	5.210	96	47188	19.543	ug/l	96
22) Diisopropyl ether	6.118	45	138573	19.628	ug/l	95
23) Vinyl Acetate	6.057	43	442409	101.023	ug/l #	93
24) 1,1-Dichloroethane	6.015	63	81233	19.395	ug/l	96
25) 2-Butanone	6.990	43	133047	106.670	ug/l	94
26) 2,2-Dichloropropane	6.978	77	70845	18.800	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	52876	19.015	ug/l	93
28) Bromochloromethane	7.332	49	36896	20.598	ug/l	90
29) Tetrahydrofuran	7.356	42	79535	105.347	ug/l	91
30) Chloroform	7.502	83	86126	19.179	ug/l	95
31) Cyclohexane	7.783	56	74432	19.358	ug/l	88
32) 1,1,1-Trichloroethane	7.704	97	77396	19.262	ug/l	99
36) 1,1-Dichloropropene	7.917	75	65982	19.207	ug/l	99
37) Ethyl Acetate	7.076	43	53443	21.582	ug/l #	95
38) Carbon Tetrachloride	7.899	117	71681	19.632	ug/l	98
39) Methylcyclohexane	9.185	83	81701	19.030	ug/l	92
40) Benzene	8.161	78	187777	19.394	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	26543m	20.663	ug/l	
42) 1,2-Dichloroethane	8.234	62	61194	19.621	ug/l	94
43) Isopropyl Acetate	8.270	43	87535	20.219	ug/l	95
44) Trichloroethene	8.935	130	53228	19.607	ug/l	98
45) 1,2-Dichloropropane	9.215	63	48035	19.824	ug/l	97
46) Dibromomethane	9.301	93	32288	20.071	ug/l	95
47) Bromodichloromethane	9.496	83	69289	19.652	ug/l	98
48) Methyl methacrylate	9.295	41	39600	20.094	ug/l	88
49) 1,4-Dioxane	9.337	88	12278	479.325	ug/l #	56
51) 4-Methyl-2-Pentanone	10.069	43	266223	106.931	ug/l	93
52) Toluene	10.246	92	122613	19.524	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	73326	19.198	ug/l	96
54) cis-1,3-Dichloropropene	9.929	75	79899	19.191	ug/l	89
55) 1,1,2-Trichloroethane	10.642	97	45427	20.555	ug/l	94
56) Ethyl methacrylate	10.508	69	65364	20.238	ug/l	86
57) 1,3-Dichloropropane	10.788	76	75287	20.081	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	168641	108.706	ug/l	93
59) 2-Hexanone	10.831	43	208352	109.994	ug/l	91
60) Dibromochloromethane	10.983	129	52596	19.678	ug/l	99
61) 1,2-Dibromoethane	11.093	107	44985	20.001	ug/l	99
64) Tetrachloroethene	10.721	164	48599	19.851	ug/l	96
65) Chlorobenzene	11.514	112	132634	19.398	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	49781	19.316	ug/l	98
67) Ethyl Benzene	11.593	91	234738	19.401	ug/l	100
68) m/p-Xylenes	11.703	106	183388	38.869	ug/l	94
69) o-Xylene	12.032	106	87676	19.534	ug/l	95
70) Styrene	12.044	104	147465	19.277	ug/l	96
71) Bromoform	12.209	173	36038	19.873	ug/l #	99
73) Isopropylbenzene	12.331	105	232146	19.243	ug/l	100
74) N-amyl acetate	12.148	43	76516	20.080	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	60888	20.151	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	48027m	21.032	ug/l	
77) Bromobenzene	12.611	156	56999	19.465	ug/l	100
78) n-propylbenzene	12.672	91	280796	19.324	ug/l	99
79) 2-Chlorotoluene	12.757	91	155310	19.042	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	192949	19.309	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	20349	19.452	ug/l	96
82) 4-Chlorotoluene	12.855	91	162236	19.059	ug/l	99
83) tert-Butylbenzene	13.075	119	168788	19.263	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	191451	19.293	ug/l	98
85) sec-Butylbenzene	13.257	105	254006	19.410	ug/l	100
86) p-Isopropyltoluene	13.373	119	213659	19.537	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	109817	19.275	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	110612	19.283	ug/l	99
89) n-Butylbenzene	13.696	91	197656	19.414	ug/l	96
90) Hexachloroethane	13.965	117	39165	18.786	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	101106	19.328	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	11741	20.413	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	63640	19.097	ug/l	98
94) Hexachlorobutadiene	15.111	225	34744	19.196	ug/l	99
95) Naphthalene	15.239	128	162208	19.832	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	58963	19.371	ug/l	99

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ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1018SBS01

Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Thu Oct 19 03:15:44 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

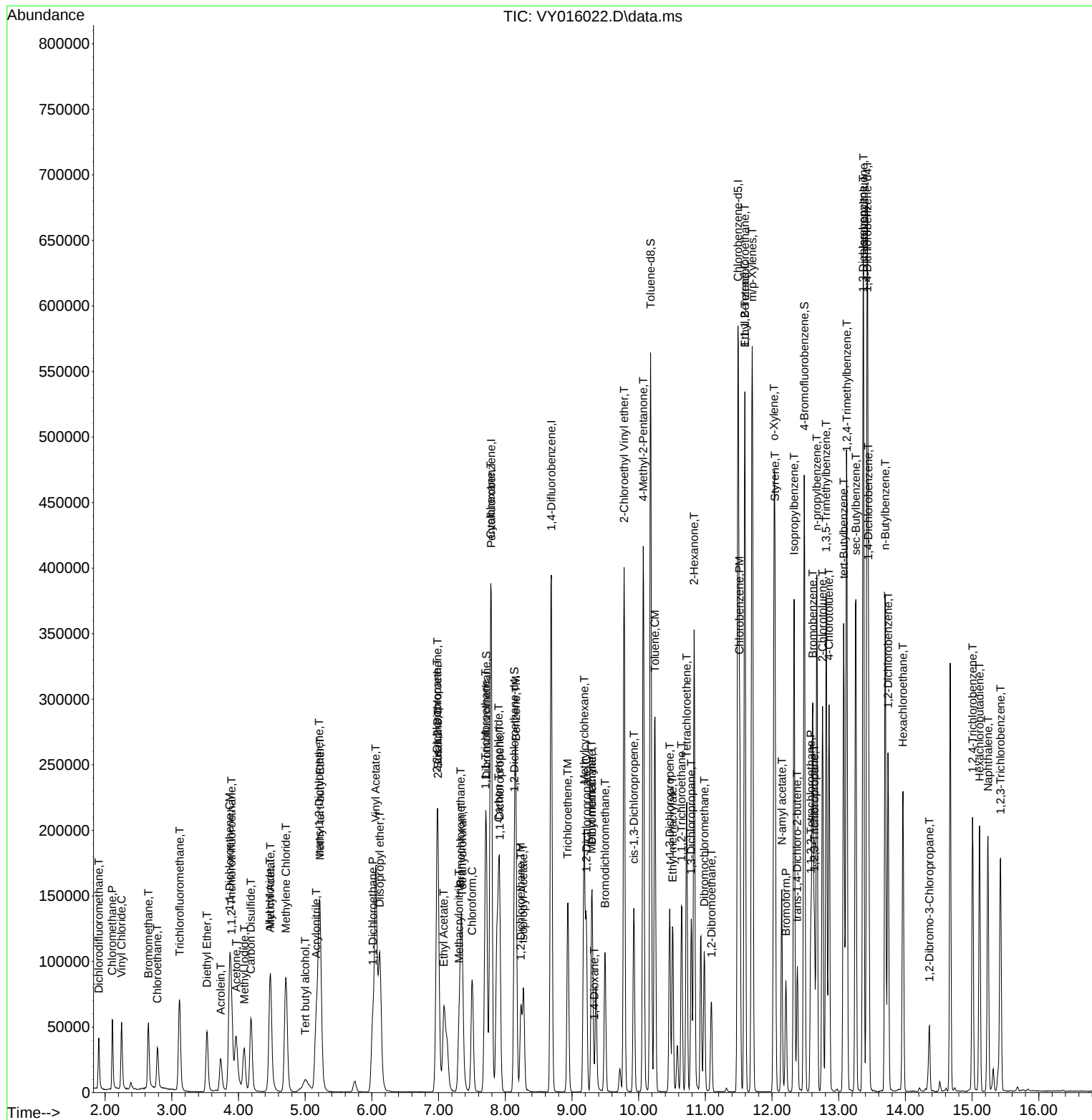
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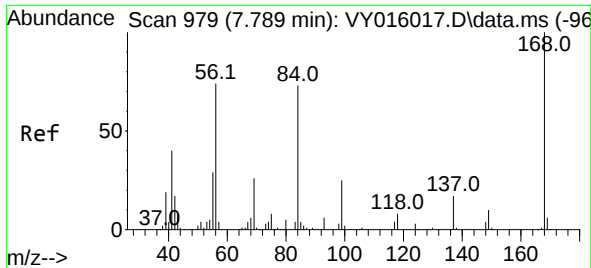
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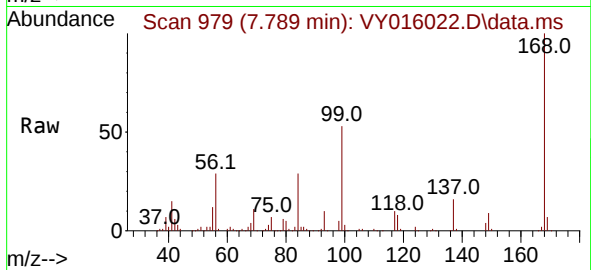
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016022.D
Acq: 18 Oct 2023 16:03

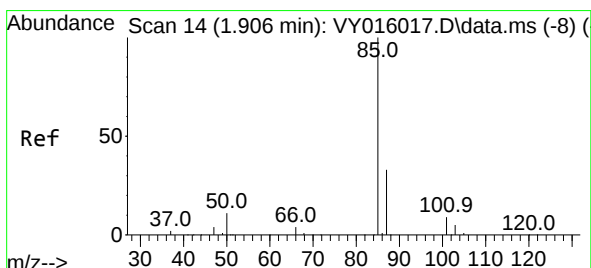
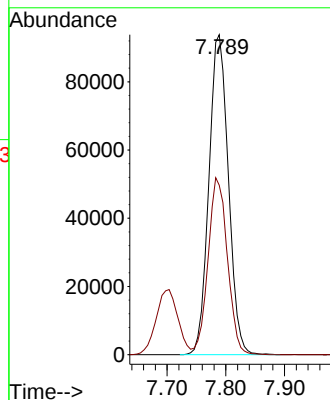
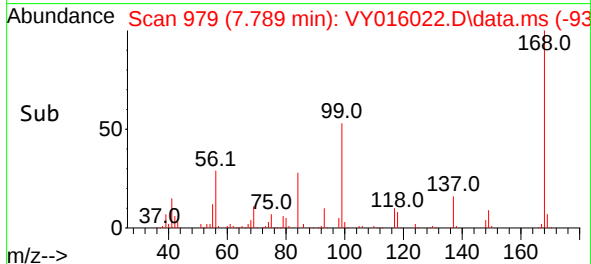
Instrument :
MSVOA_Y
ClientSampleId :
VY1018SBS01



Tgt Ion:168 Resp: 21613
Ion Ratio Lower Upper
168 100
99 53.0 43.4 65.0

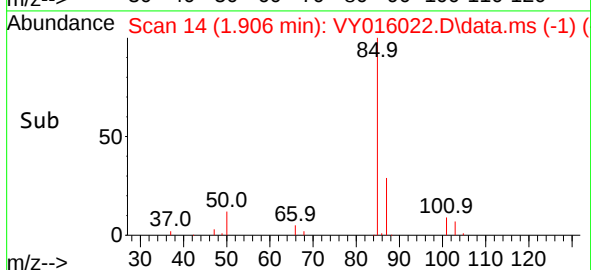
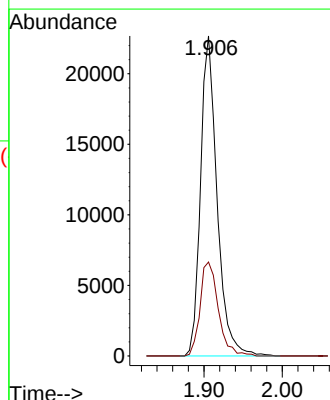
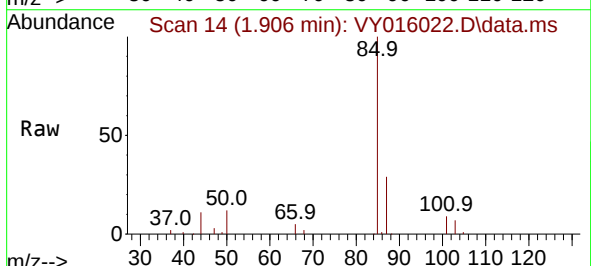
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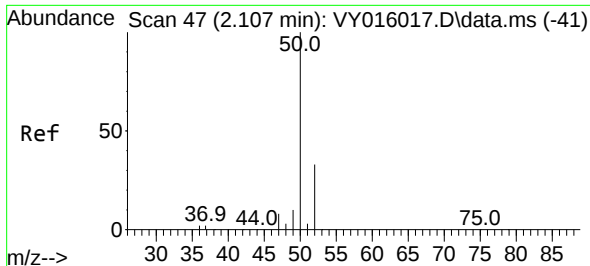
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#2
Dichlorodifluoromethane
Concen: 18.681 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY016022.D
Acq: 18 Oct 2023 16:03

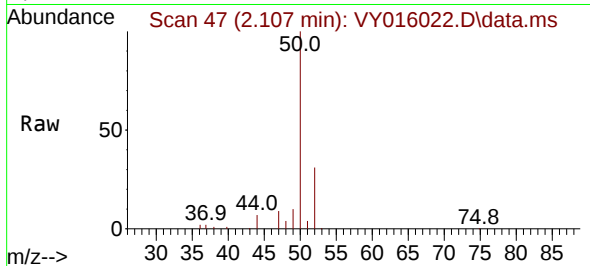
Tgt Ion: 85 Resp: 33371
Ion Ratio Lower Upper
85 100
87 29.4 15.6 46.8





#3
Chloromethane
Concen: 19.418 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY016022.D
Acq: 18 Oct 2023 16:03

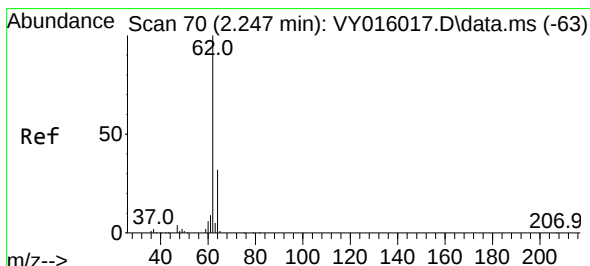
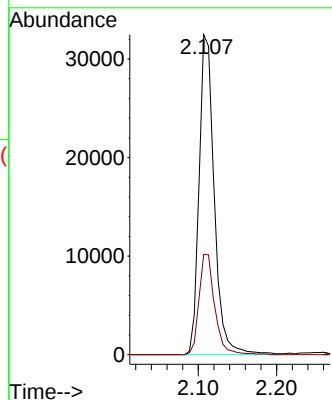
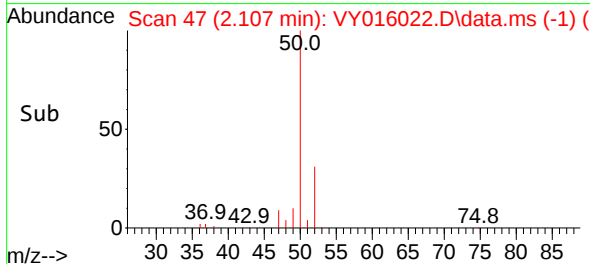
Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion: 50 Resp: 43799
Ion Ratio Lower Upper
50 100
52 31.3 25.4 38.2

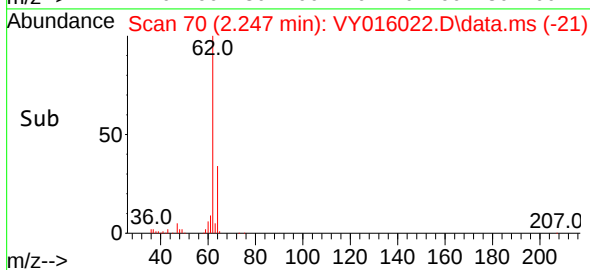
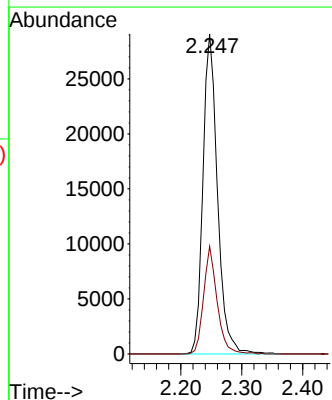
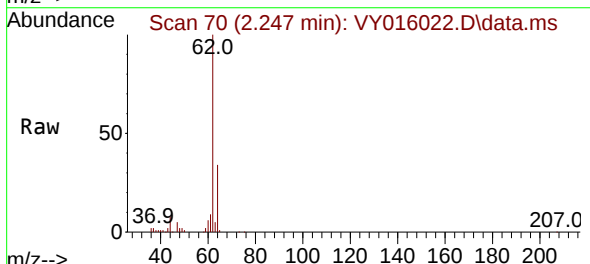
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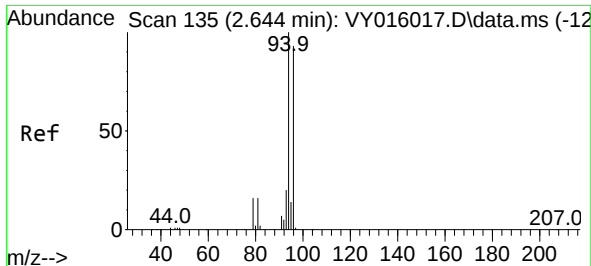
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#4
Vinyl Chloride
Concen: 19.073 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.000 min
Lab File: VY016022.D
Acq: 18 Oct 2023 16:03

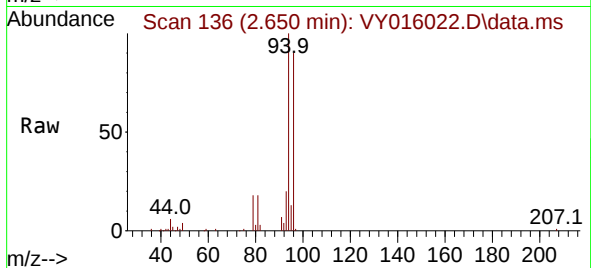
Tgt Ion: 62 Resp: 48282
Ion Ratio Lower Upper
62 100
64 33.7 24.3 36.5





#5
Bromomethane
Concen: 16.839 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016022.D
Acq: 18 Oct 2023 16:03

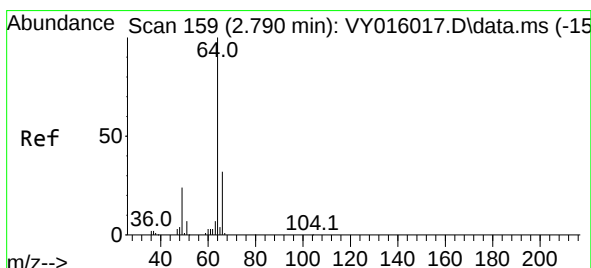
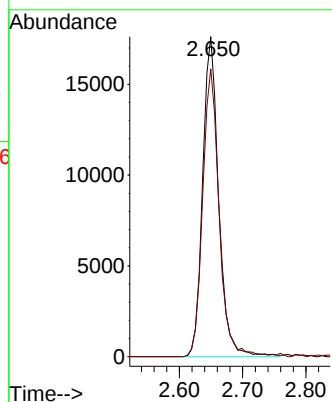
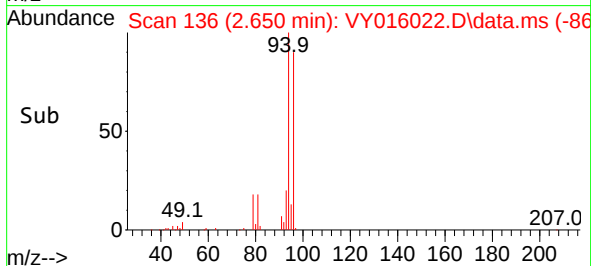
Instrument :
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Tgt Ion: 94 Resp: 3109
Ion Ratio Lower Upper
94 100
96 89.9 75.8 113.6

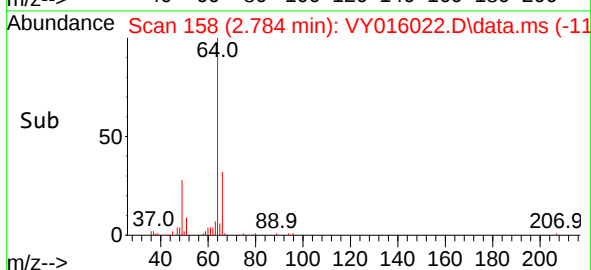
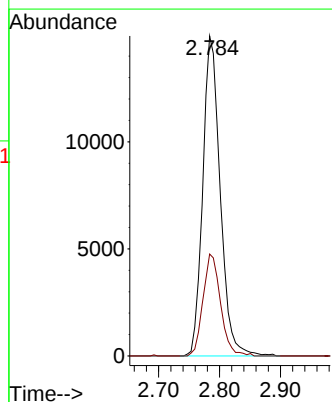
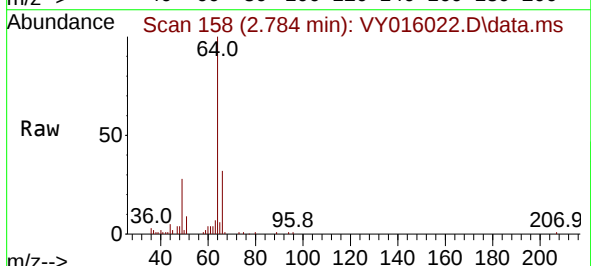
Manual Integrations
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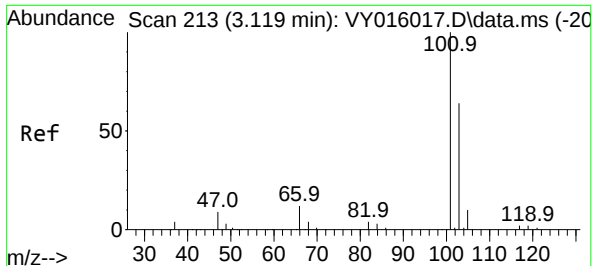
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#6
Chloroethane
Concen: 18.294 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.006 min
Lab File: VY016022.D
Acq: 18 Oct 2023 16:03

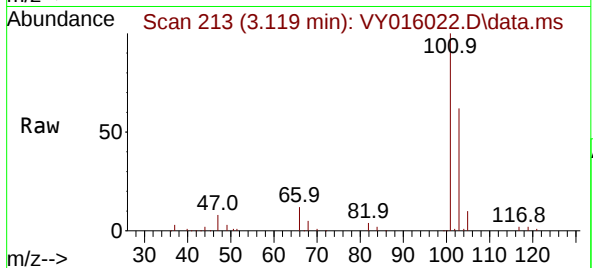
Tgt Ion: 64 Resp: 29779
Ion Ratio Lower Upper
64 100
66 31.9 24.4 36.6





#7
Trichlorofluoromethane
Concen: 19.537 ug/l
RT: 3.119 min Scan# 213
Delta R.T. -0.000 min
Lab File: VY016022.D
Acq: 18 Oct 2023 16:03

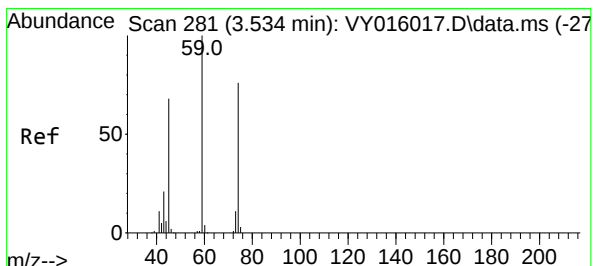
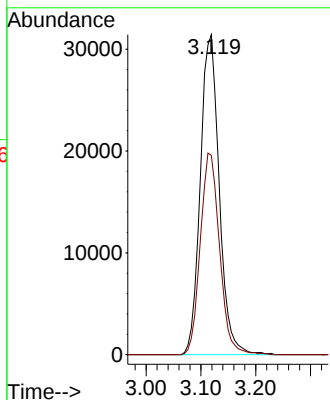
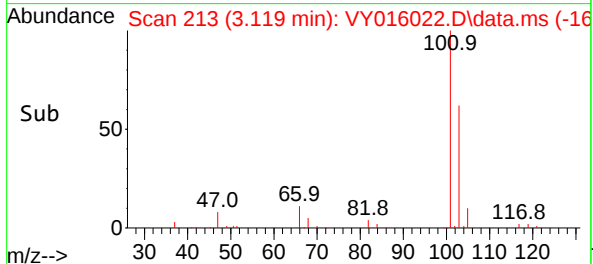
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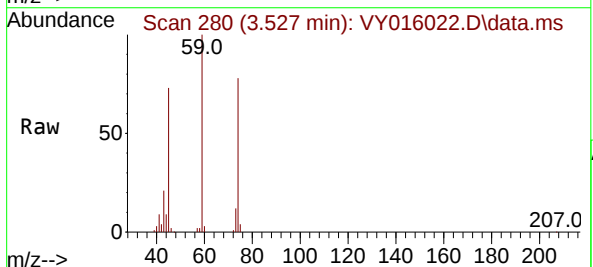
Tgt Ion:101 Resp: 75264
Ion Ratio Lower Upper
101 100
103 62.3 51.4 77.0

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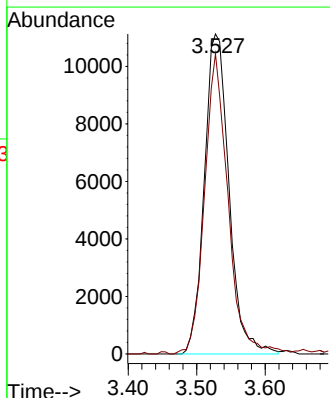
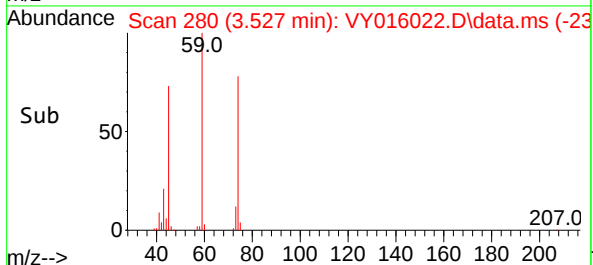
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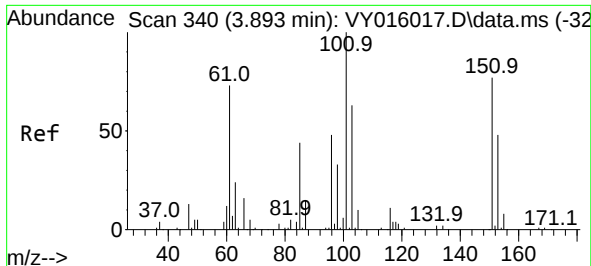


#8
Diethyl Ether
Concen: 20.442 ug/l
RT: 3.527 min Scan# 280
Delta R.T. -0.006 min
Lab File: VY016022.D
Acq: 18 Oct 2023 16:03



Tgt Ion: 74 Resp: 27822
Ion Ratio Lower Upper
74 100
45 89.3 51.5 154.5





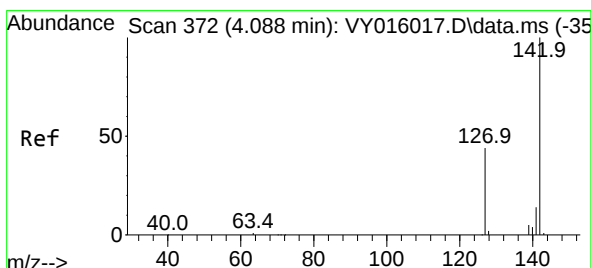
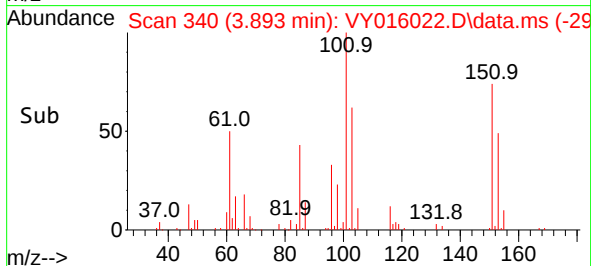
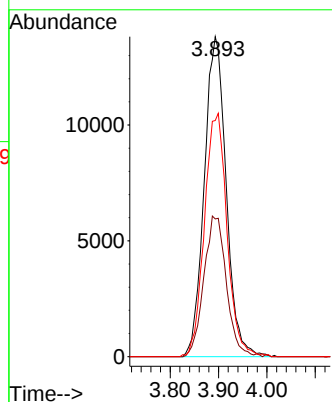
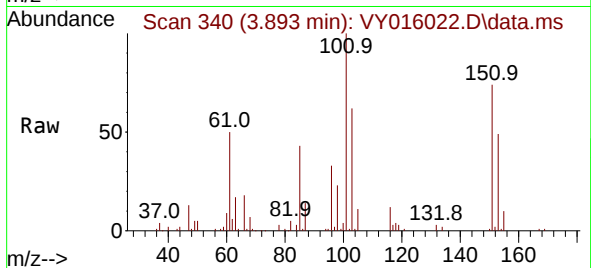
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.649 ug/l
RT: 3.893 min Scan# 340
Delta R.T. -0.000 min
Lab File: VY016022.D
Acq: 18 Oct 2023 16:03

Instrument :
MSVOA_Y
ClientSampleId :
VY1018SBS01

Tgt Ion:101 Resp: 4354
Ion Ratio Lower Upper
101 100
85 45.1 36.6 55.0
151 78.4 67.0 100.6

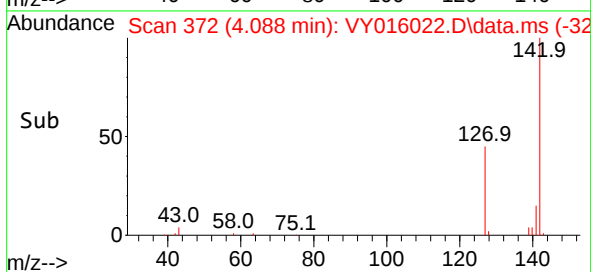
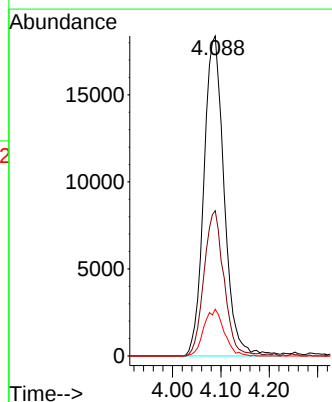
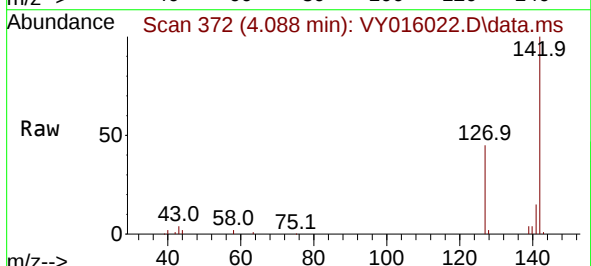
Manual Integrations
APPROVED

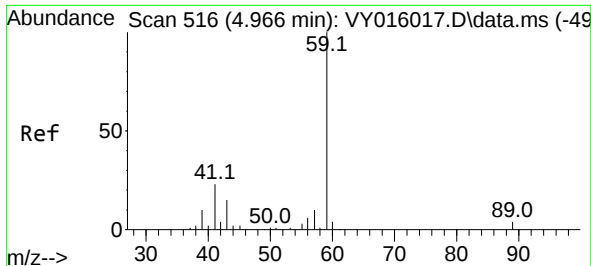
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#10
Methyl Iodide
Concen: 18.504 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.000 min
Lab File: VY016022.D
Acq: 18 Oct 2023 16:03

Tgt Ion:142 Resp: 53545
Ion Ratio Lower Upper
142 100
127 44.9 37.6 56.4
141 14.6 11.8 17.8





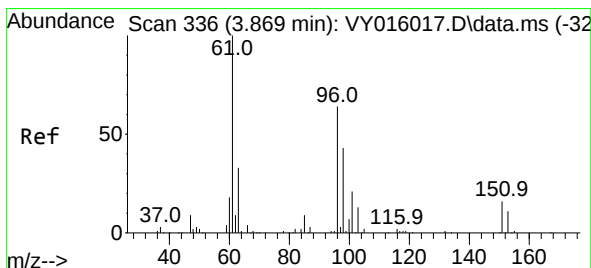
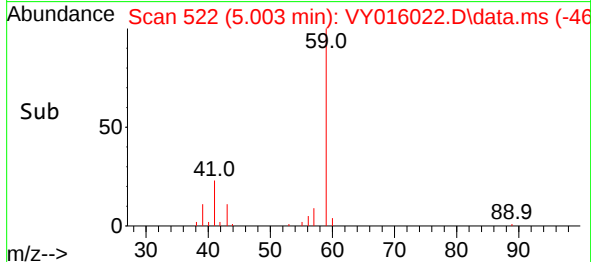
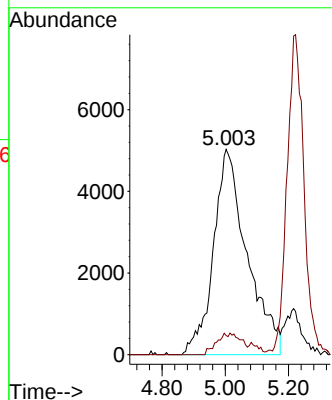
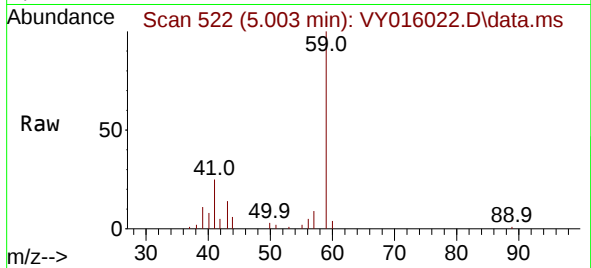
#11
Tert butyl alcohol
Concen: 97.865 ug/l
RT: 5.003 min Scan# 516
Delta R.T. 0.037 min
Lab File: VY016022.D
Acq: 18 Oct 2023 16:03

Instrument :
MSVOA_Y
ClientSampleId :
VY1018SBS01

Tgt Ion: 59 Resp: 3711
Ion Ratio Lower Upper
59 100
57 3.7 3.0 4.4

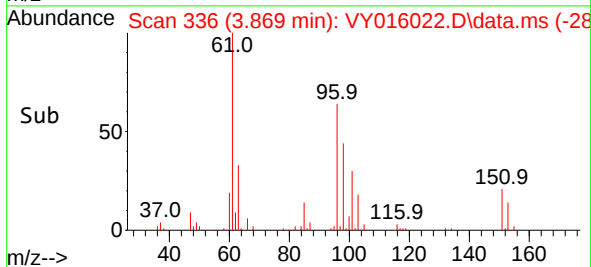
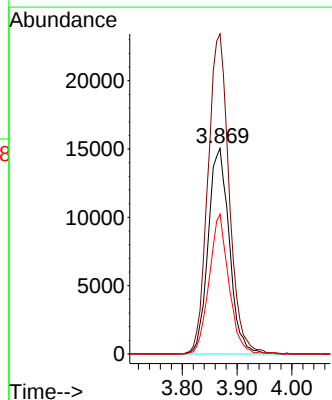
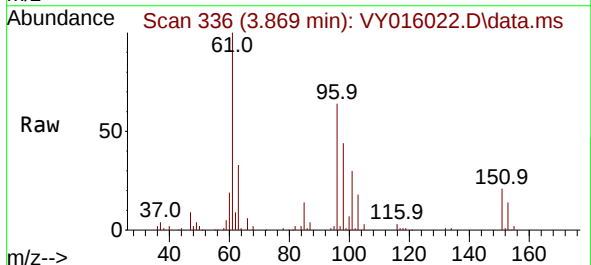
Manual Integrations
APPROVED

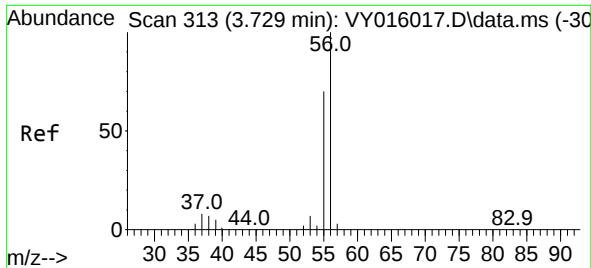
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#12
1,1-Dichloroethene
Concen: 19.418 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.000 min
Lab File: VY016022.D
Acq: 18 Oct 2023 16:03

Tgt Ion: 96 Resp: 40262
Ion Ratio Lower Upper
96 100
61 155.6 136.4 204.6
98 68.0 49.4 74.2





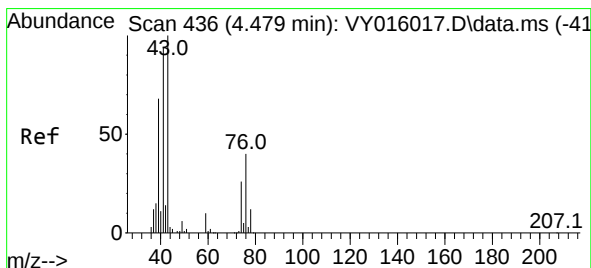
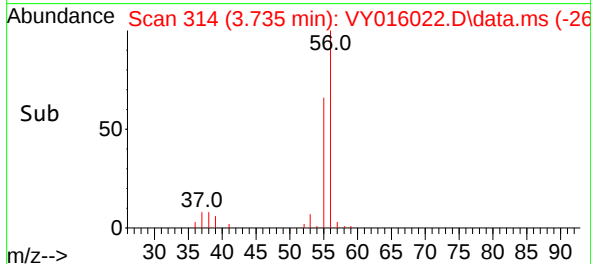
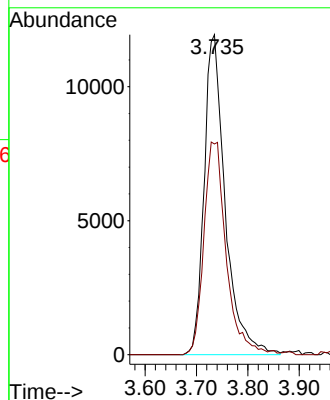
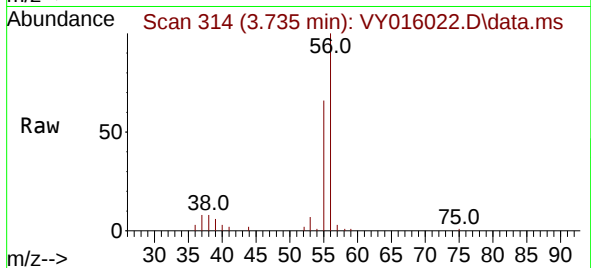
#13
Acrolein
Concen: 123.610 ug/l
RT: 3.735 min Scan# 313
Delta R.T. 0.006 min
Lab File: VY016022.D
Acq: 18 Oct 2023 16:03

Instrument :
MSVOA_Y
ClientSampleId :
VY1018SBS01

Tgt Ion: 56 Resp: 3403
Ion Ratio Lower Upper
56 100
55 70.1 57.0 85.4

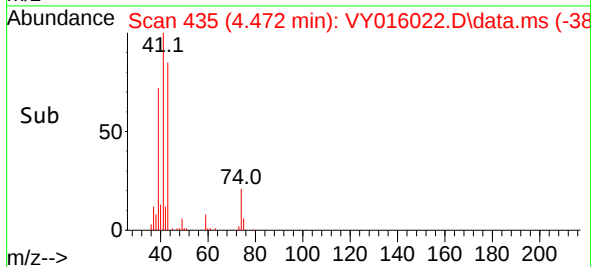
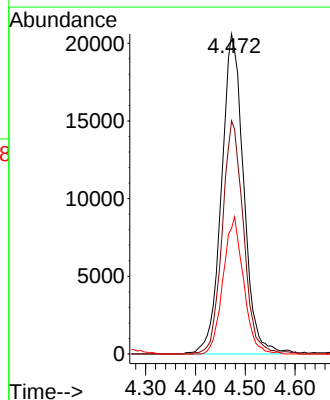
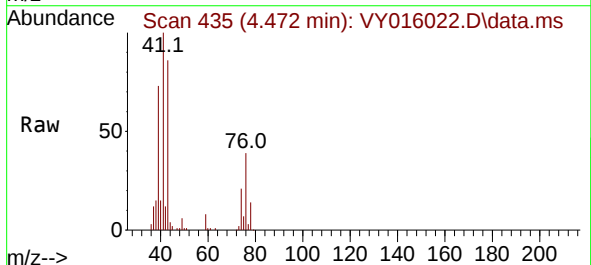
Manual Integrations
APPROVED

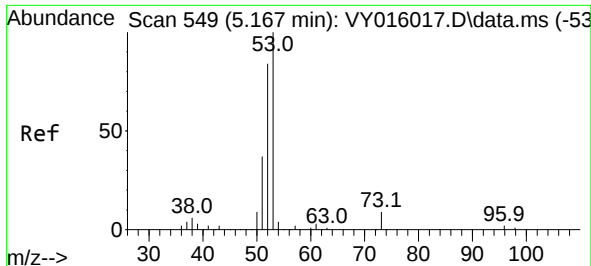
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#14
Allyl chloride
Concen: 19.570 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY016022.D
Acq: 18 Oct 2023 16:03

Tgt Ion: 41 Resp: 63451
Ion Ratio Lower Upper
41 100
39 69.6 58.0 87.0
76 39.6 27.4 41.2





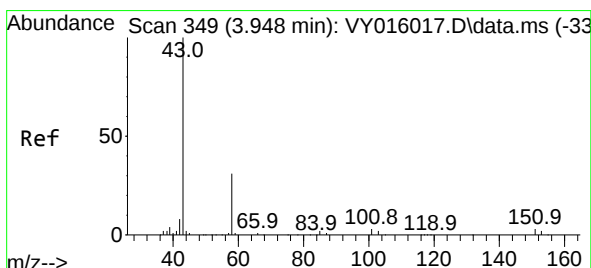
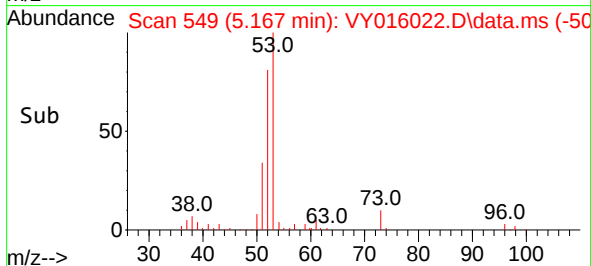
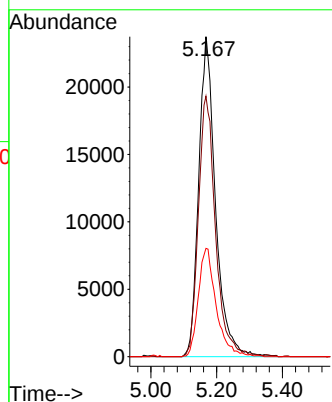
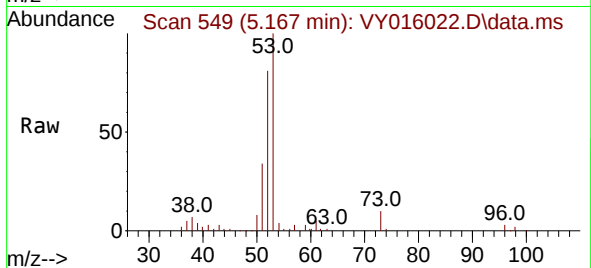
#15
Acrylonitrile
Concen: 103.683 ug/l
RT: 5.167 min Scan# 549
Delta R.T. -0.000 min
Lab File: VY016022.D
Acq: 18 Oct 2023 16:03

Instrument :
MSVOA_Y
ClientSampleId :
VY1018SBS01

Tgt Ion: 53 Resp: 8418
Ion Ratio Lower Upper
53 100
52 82.6 66.9 100.3
51 36.1 29.8 44.6

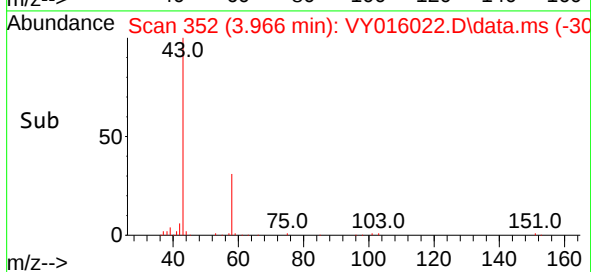
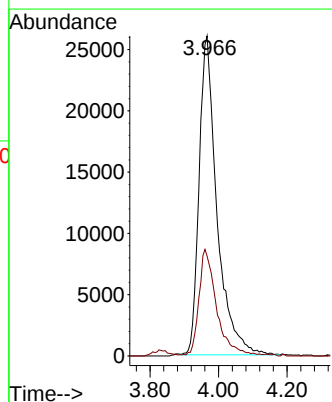
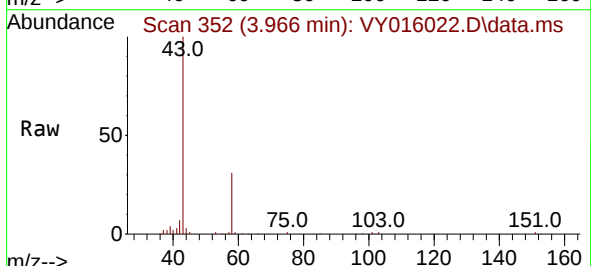
Manual Integrations
APPROVED

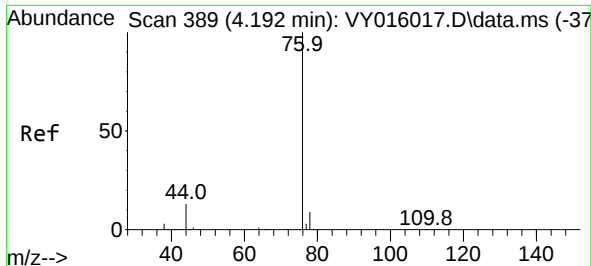
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#16
Acetone
Concen: 103.560 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.018 min
Lab File: VY016022.D
Acq: 18 Oct 2023 16:03

Tgt Ion: 43 Resp: 94302
Ion Ratio Lower Upper
43 100
58 31.3 22.7 34.1





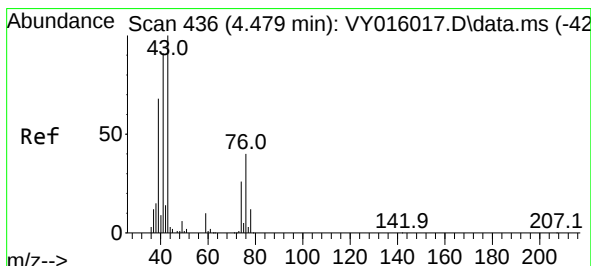
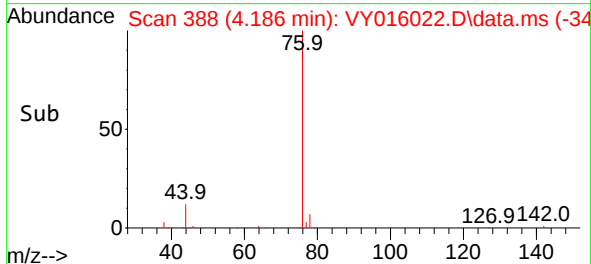
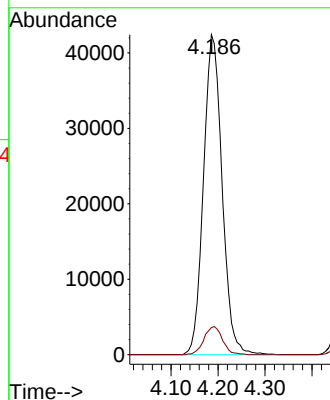
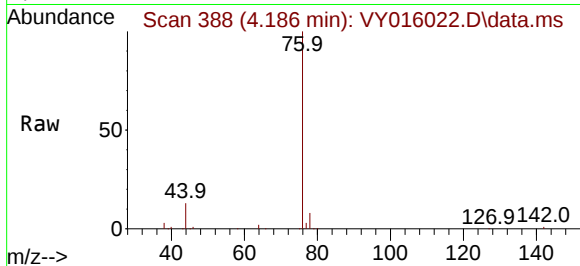
#17
Carbon Disulfide
Concen: 19.192 ug/l
RT: 4.186 min Scan# 389
Delta R.T. -0.006 min
Lab File: VY016022.D
Acq: 18 Oct 2023 16:03

Instrument :
MSVOA_Y
ClientSampleId :
VY1018SBS01

Tgt Ion: 76 Resp: 11658
Ion Ratio Lower Upper
76 100
78 8.4 7.0 10.4

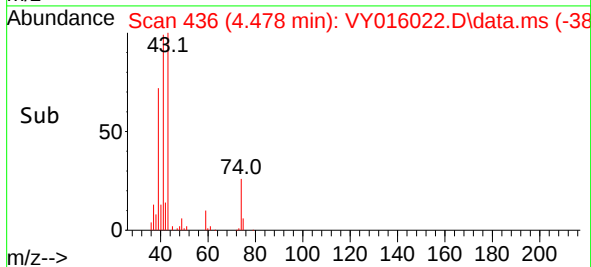
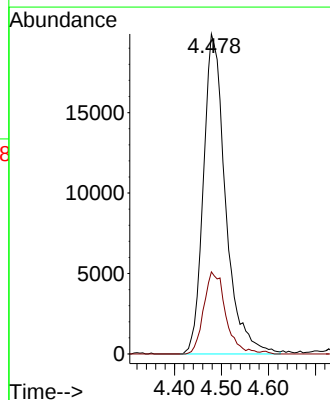
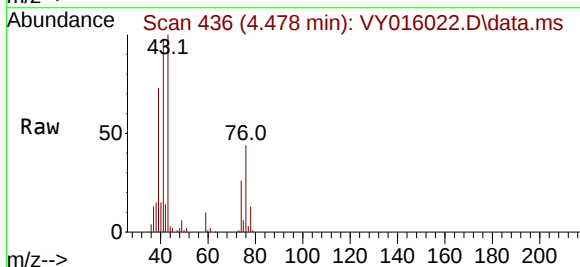
Manual Integrations
APPROVED

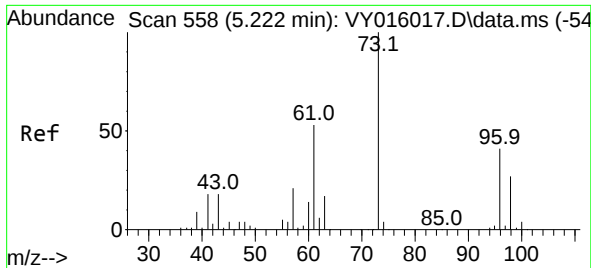
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#18
Methyl Acetate
Concen: 20.743 ug/l
RT: 4.478 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY016022.D
Acq: 18 Oct 2023 16:03

Tgt Ion: 43 Resp: 65013
Ion Ratio Lower Upper
43 100
74 25.4 17.4 26.0





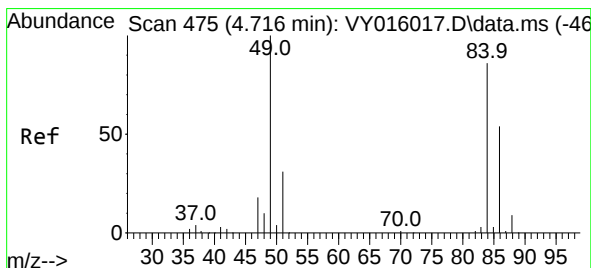
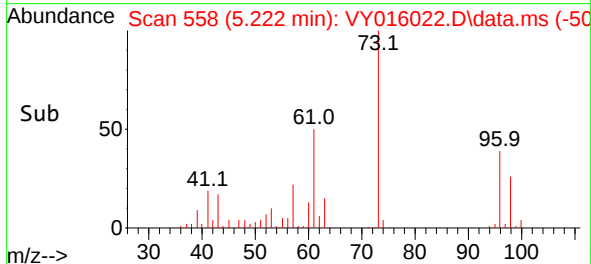
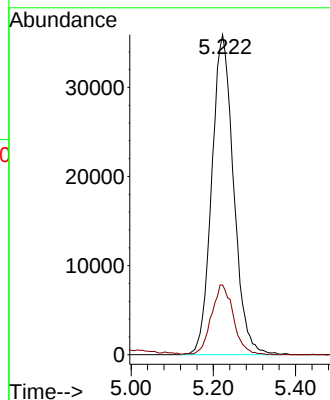
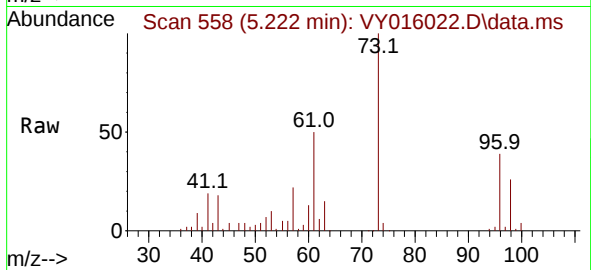
#19
Methyl tert-butyl Ether
Concen: 19.828 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY016022.D
Acq: 18 Oct 2023 16:03

Instrument :
MSVOA_Y
ClientSampleId :
VY1018SBS01

Tgt Ion: 73 Resp: 13263
Ion Ratio Lower Upper
73 100
57 21.8 17.3 25.9

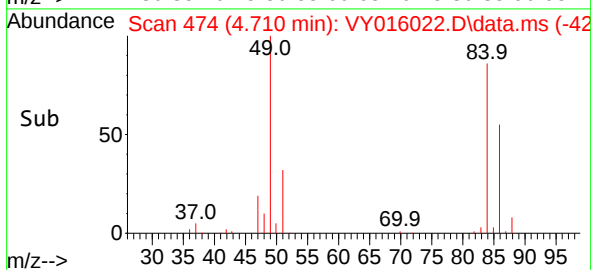
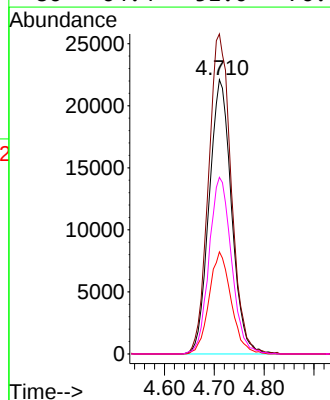
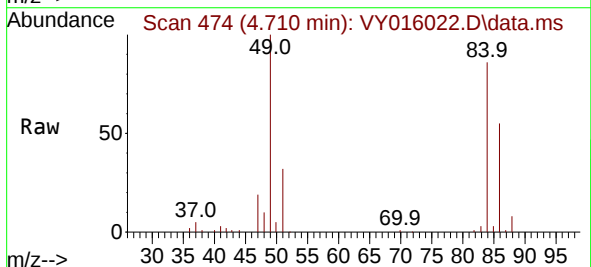
Manual Integrations
APPROVED

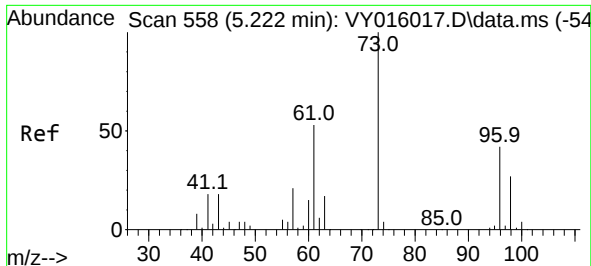
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#20
Methylene Chloride
Concen: 25.483 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY016022.D
Acq: 18 Oct 2023 16:03

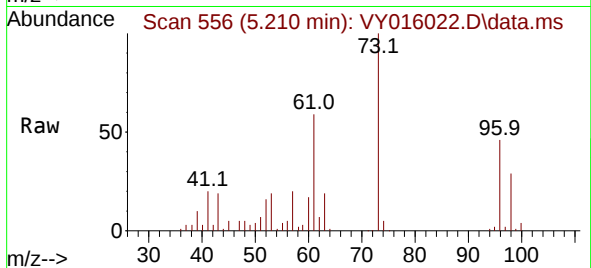
Tgt Ion: 84 Resp: 68936
Ion Ratio Lower Upper
84 100
49 116.7 106.9 160.3
51 37.2 33.2 49.8
86 64.4 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 19.543 ug/l
RT: 5.210 min Scan# 518
Delta R.T. -0.012 min
Lab File: VY016022.D
Acq: 18 Oct 2023 16:03

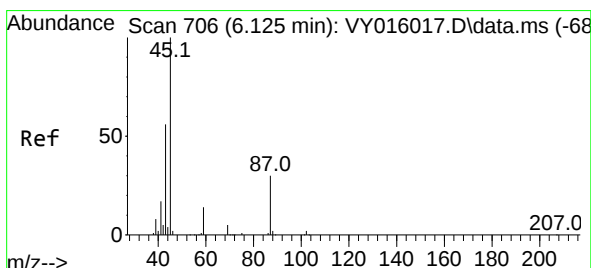
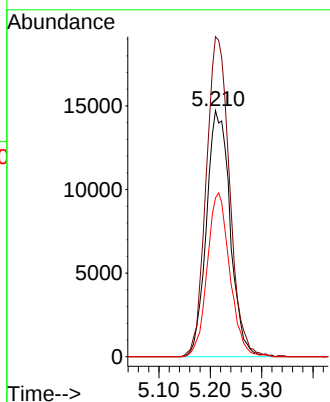
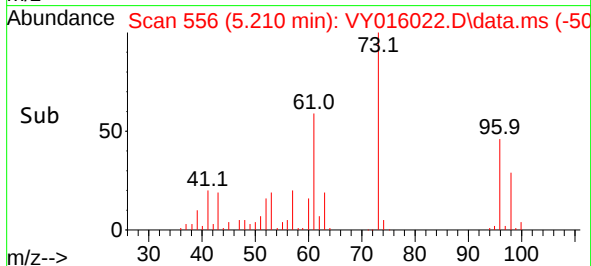
Instrument :
MSVOA_Y
ClientSampleId :
VY1018SBS01



Tgt Ion: 96 Resp: 47188
Ion Ratio Lower Upper
96 100
61 130.0 110.2 165.4
98 64.5 51.8 77.6

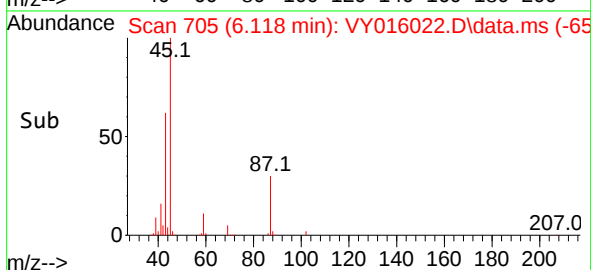
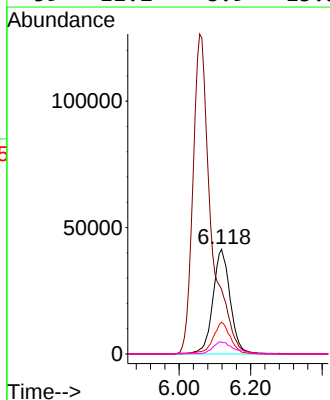
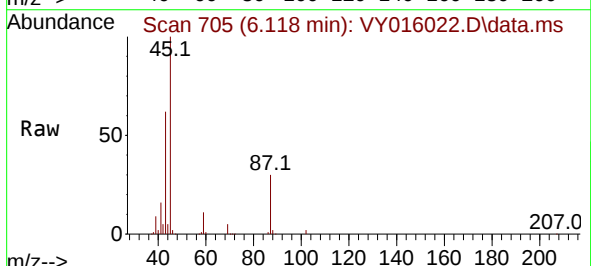
Manual Integrations
APPROVED

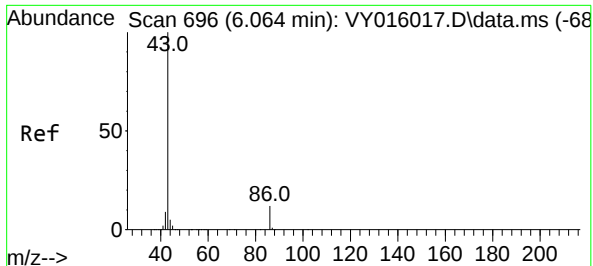
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#22
Diisopropyl ether
Concen: 19.628 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY016022.D
Acq: 18 Oct 2023 16:03

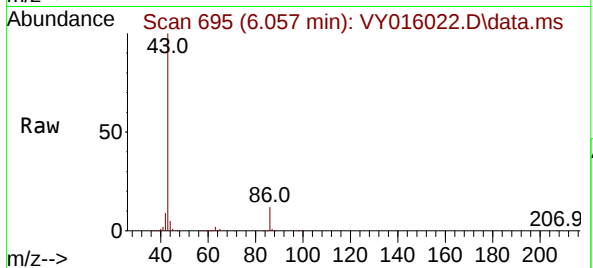
Tgt Ion: 45 Resp: 138573
Ion Ratio Lower Upper
45 100
43 61.2 52.2 78.4
87 30.3 21.0 31.6
59 11.2 8.9 13.3





#23
 Vinyl Acetate
 Concen: 101.023 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. -0.006 min
 Lab File: VY016022.D
 Acq: 18 Oct 2023 16:03

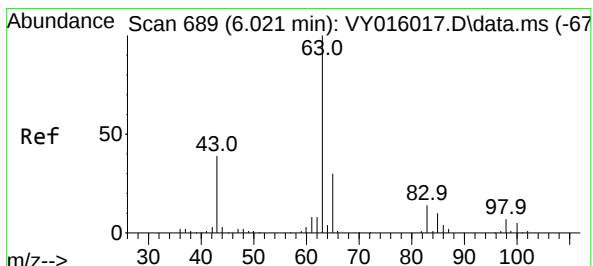
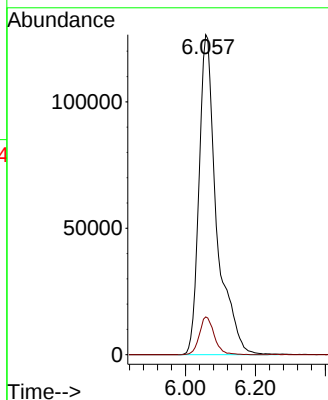
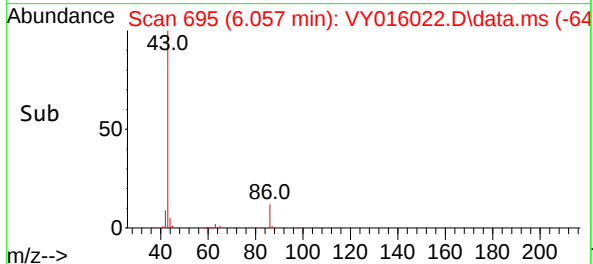
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1018SBS01



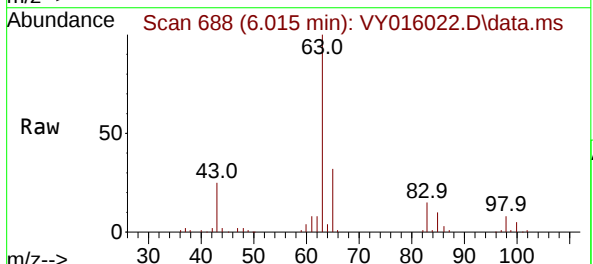
Tgt Ion: 43 Resp: 442409
 Ion Ratio Lower Upper
 43 100
 86 11.8 7.5 11.3

Manual Integrations
 APPROVED

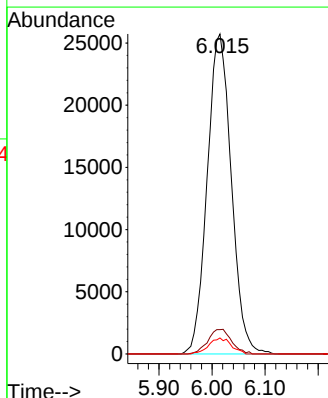
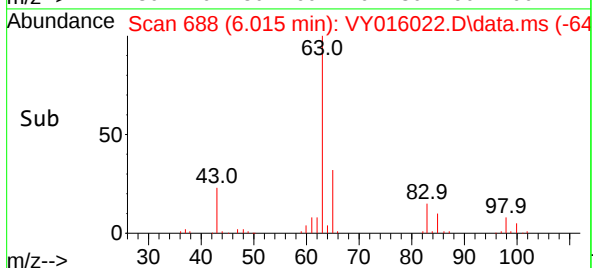
Reviewed By :John Carlone 10/19/2023
 Supervised By :Semsettin Yesilyurt 10/20/2023

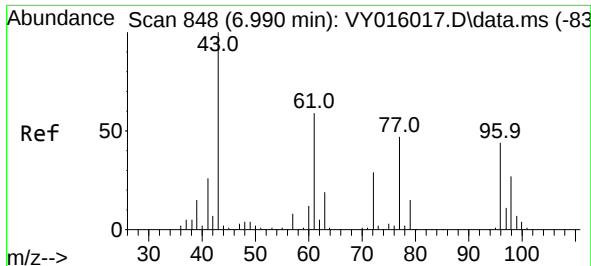


#24
 1,1-Dichloroethane
 Concen: 19.395 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY016022.D
 Acq: 18 Oct 2023 16:03



Tgt Ion: 63 Resp: 81233
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.1 9.4
 100 5.0 1.8 5.5





#25

2-Butanone

Concen: 106.670 ug/l

RT: 6.990 min Scan# 848

Delta R.T. -0.000 min

Lab File: VY016022.D

Acq: 18 Oct 2023 16:03

Instrument :

MSVOA_Y

ClientSampleId :

VY1018SBS01

Tgt Ion: 43 Resp: 13304

Ion Ratio Lower Upper

43 100

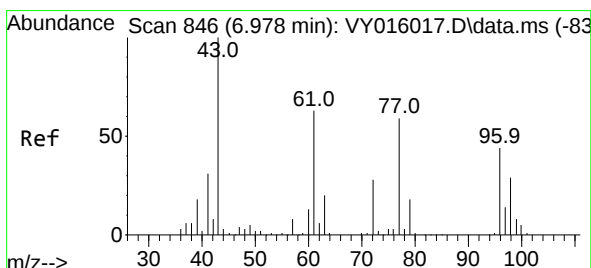
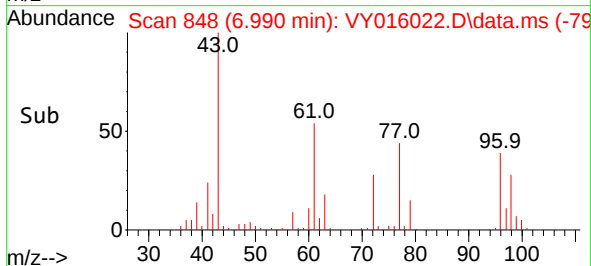
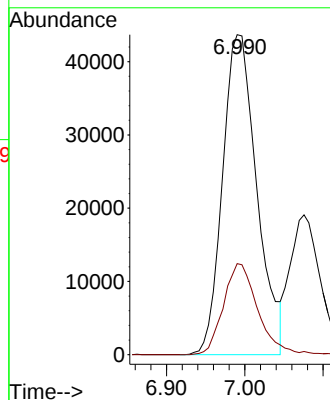
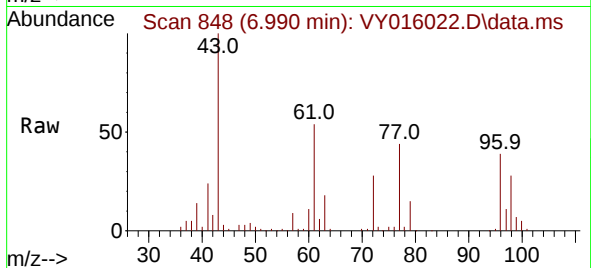
72 28.4 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#26

2,2-Dichloropropane

Concen: 18.800 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.000 min

Lab File: VY016022.D

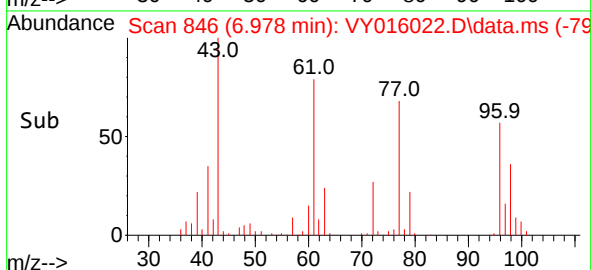
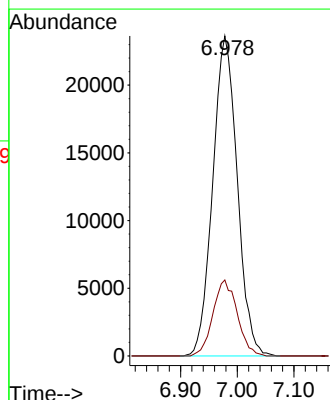
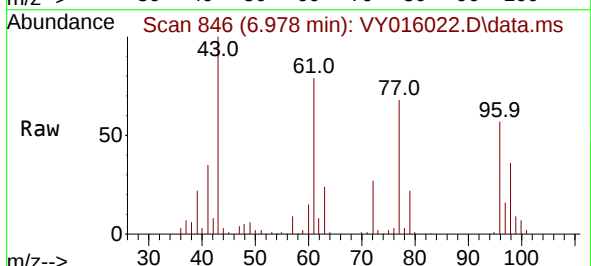
Acq: 18 Oct 2023 16:03

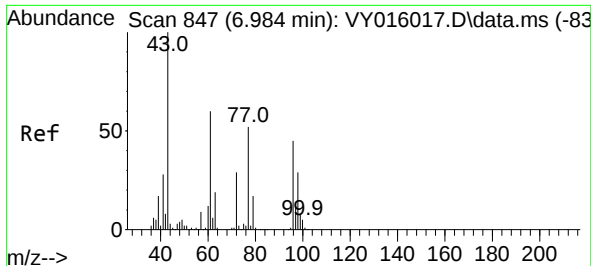
Tgt Ion: 77 Resp: 70845

Ion Ratio Lower Upper

77 100

97 23.5 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 19.015 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY016022.D

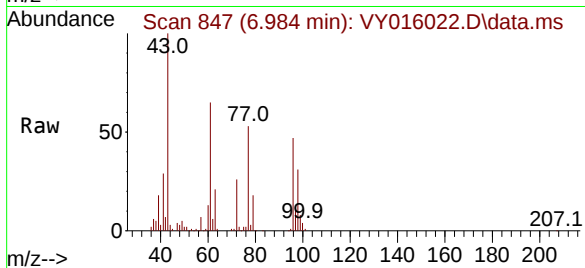
Acq: 18 Oct 2023 16:03

Instrument :

MSVOA_Y

ClientSampleId :

VY1018SBS01



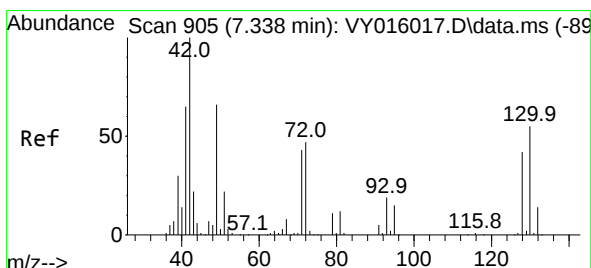
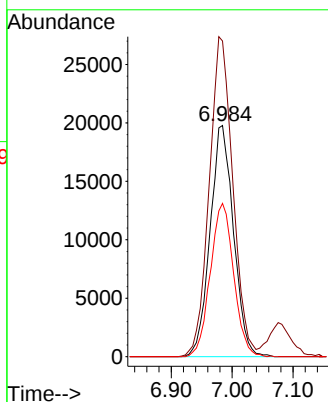
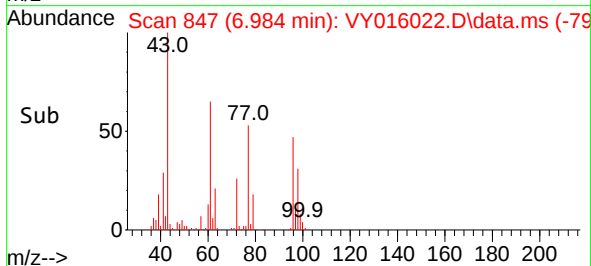
Tgt Ion:	96	Resp:	52870
Ion	Ratio	Lower	Upper
96	100		
61	139.1	0.0	301.4
98	66.1	0.0	130.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#28

Bromochloromethane

Concen: 20.598 ug/l

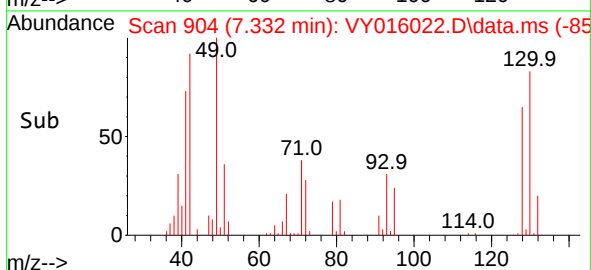
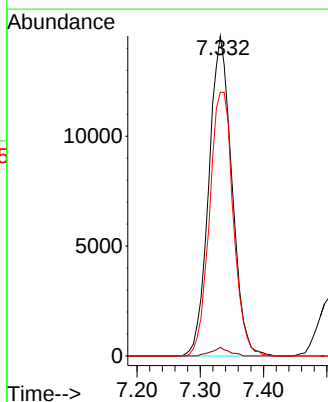
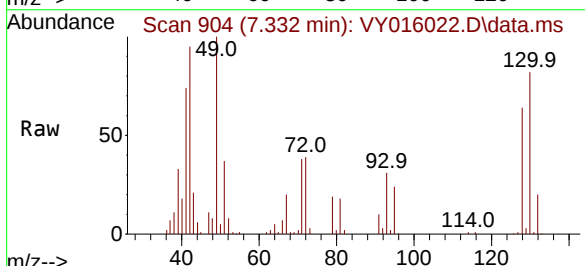
RT: 7.332 min Scan# 904

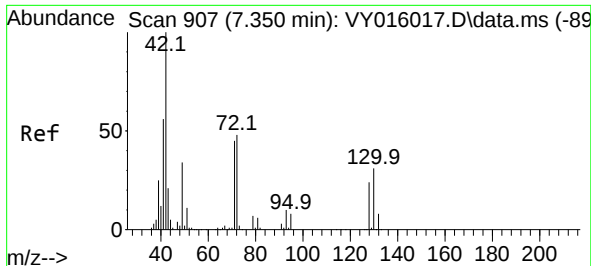
Delta R.T. -0.006 min

Lab File: VY016022.D

Acq: 18 Oct 2023 16:03

Tgt Ion:	49	Resp:	36896
Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.6
130	84.6	60.7	91.1





#29

Tetrahydrofuran

Concen: 105.347 ug/l

RT: 7.356 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY016022.D

Acq: 18 Oct 2023 16:03

Instrument :

MSVOA_Y

ClientSampleId :

VY1018SBS01

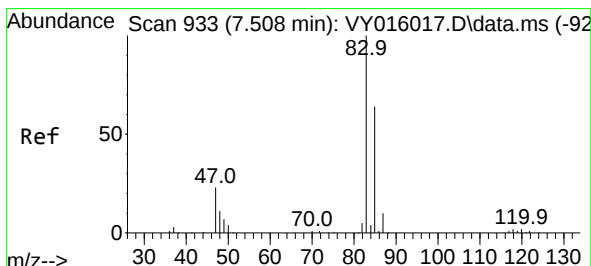
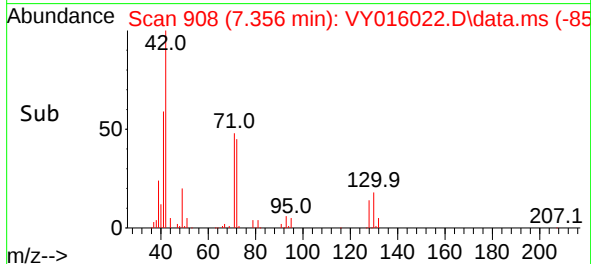
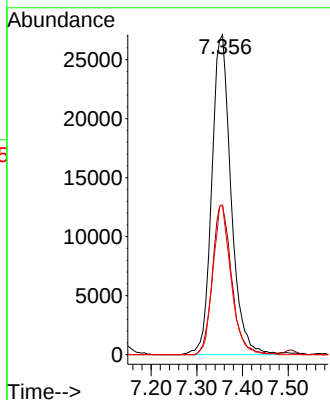
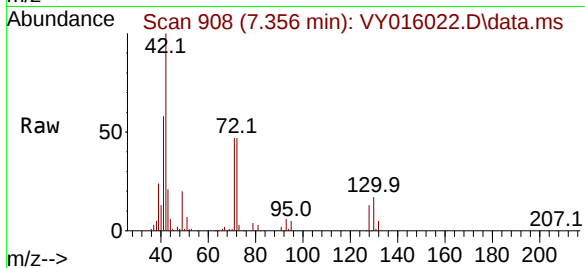
Tgt Ion:	42	Resp:	7953
Ion Ratio	Lower	Upper	
42	100		
72	46.6	32.8	49.2
71	44.4	31.0	46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#30

Chloroform

Concen: 19.179 ug/l

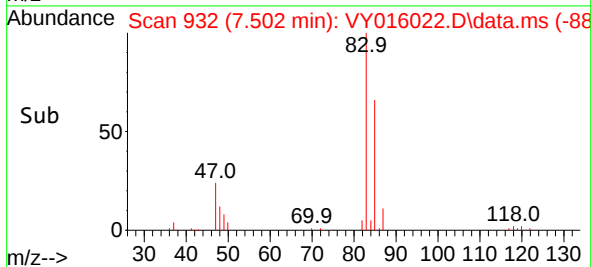
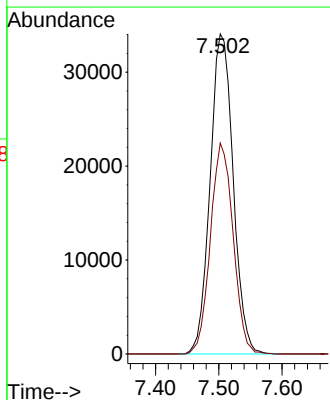
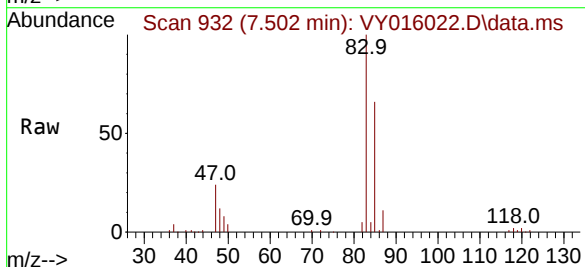
RT: 7.502 min Scan# 932

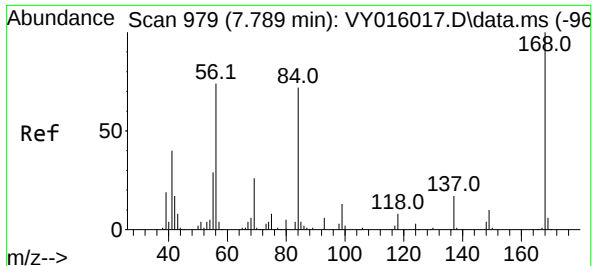
Delta R.T. -0.006 min

Lab File: VY016022.D

Acq: 18 Oct 2023 16:03

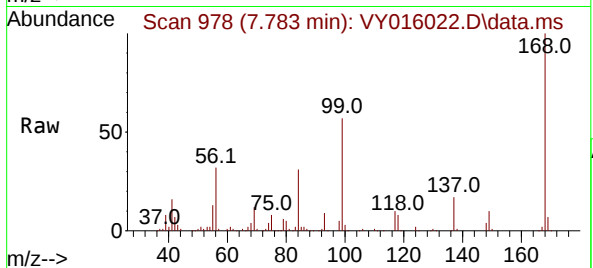
Tgt Ion:	83	Resp:	86126
Ion Ratio	Lower	Upper	
83	100		
85	65.9	49.7	74.5





#31
Cyclohexane
Concen: 19.358 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016022.D
Acq: 18 Oct 2023 16:03

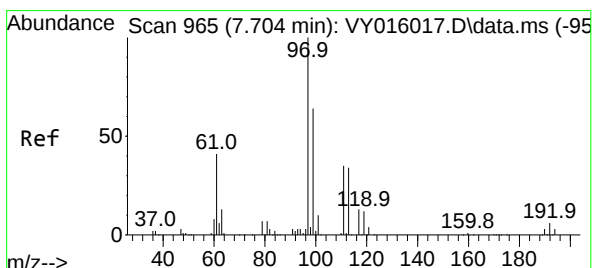
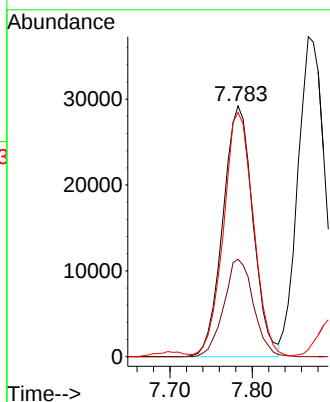
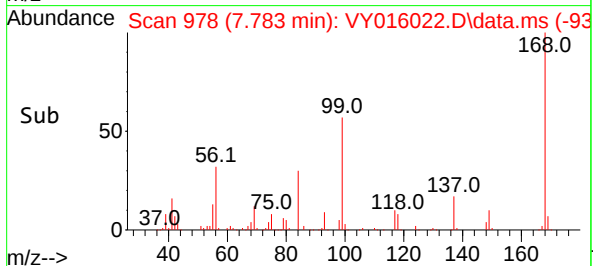
Instrument :
MSVOA_Y
ClientSampleId :
VY1018SBS01



Tgt Ion: 56 Resp: 7443
Ion Ratio Lower Upper
56 100
69 38.8 27.8 41.6
84 95.5 66.4 99.6

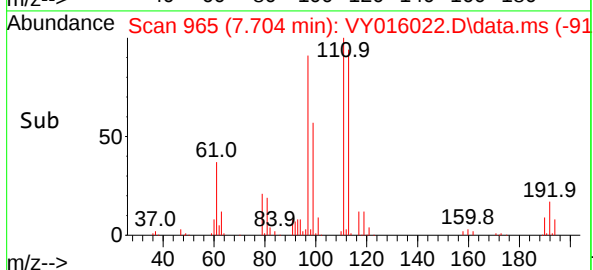
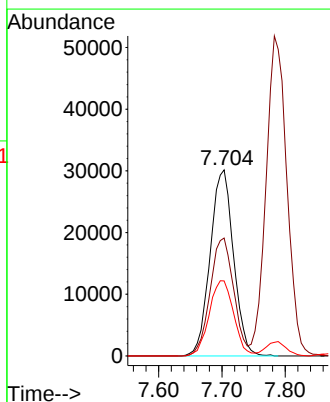
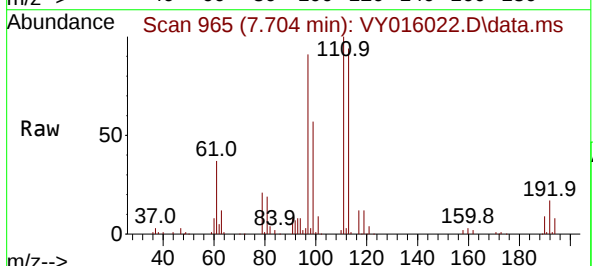
Manual Integrations
APPROVED

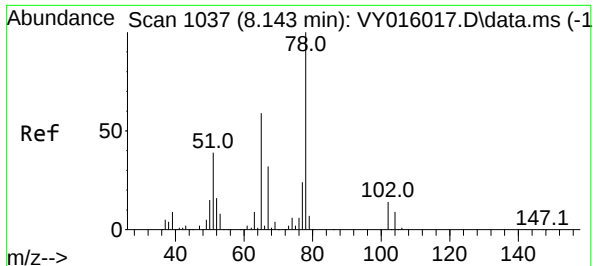
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#32
1,1,1-Trichloroethane
Concen: 19.262 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY016022.D
Acq: 18 Oct 2023 16:03

Tgt Ion: 97 Resp: 77396
Ion Ratio Lower Upper
97 100
99 63.7 50.8 76.2
61 42.4 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 45.890 ug/l

RT: 8.136 min Scan# 112729

Delta R.T. -0.006 min

Lab File: VY016022.D

Acq: 18 Oct 2023 16:03

Instrument :

MSVOA_Y

ClientSampleId :

VY1018SBS01

Tgt Ion: 65 Resp: 112729

Ion Ratio Lower Upper

65 100

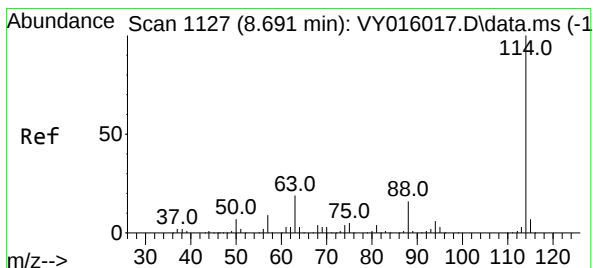
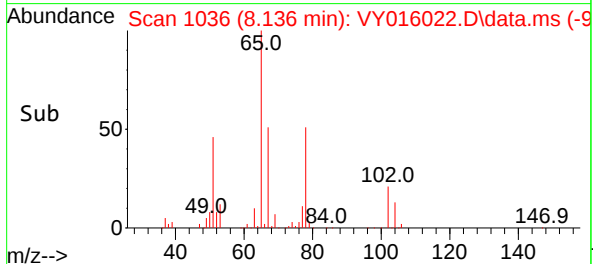
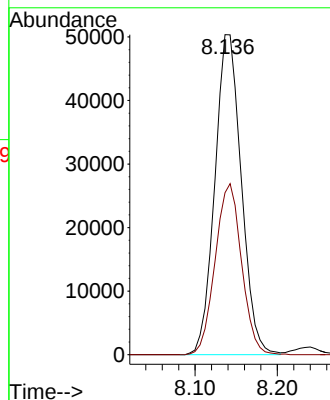
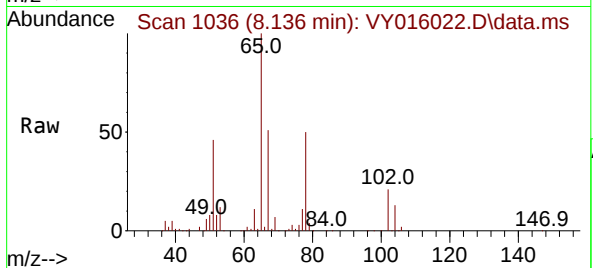
67 53.1 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY016022.D

Acq: 18 Oct 2023 16:03

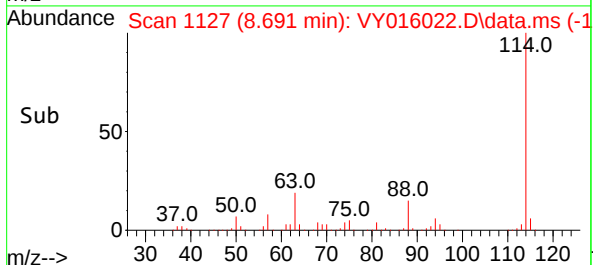
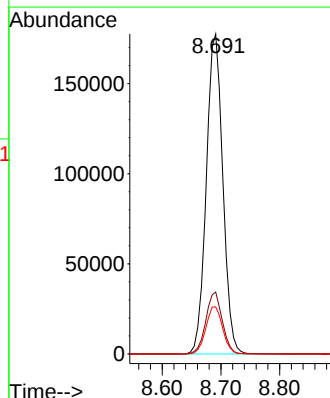
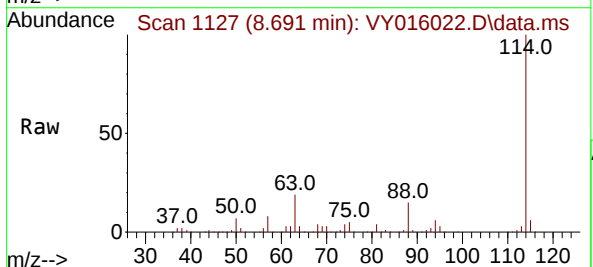
Tgt Ion:114 Resp: 346908

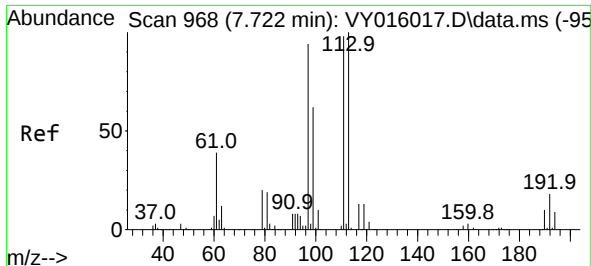
Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.4

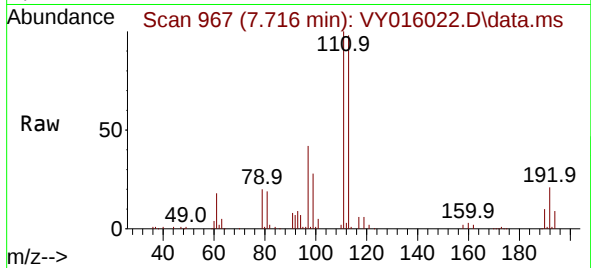
88 14.7 0.0 30.6





#35
Dibromofluoromethane
Concen: 45.356 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY016022.D
Acq: 18 Oct 2023 16:03

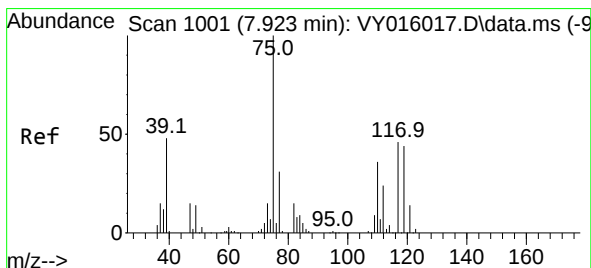
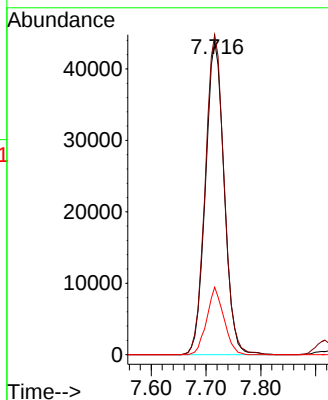
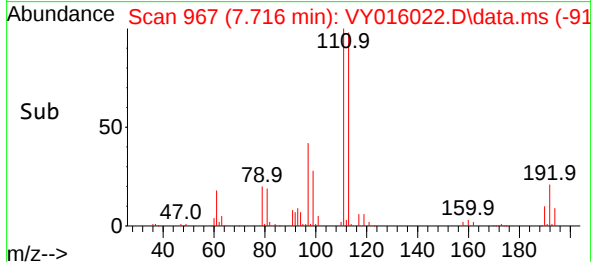
Instrument :
MSVOA_Y
ClientSampleId :
VY1018SBS01



Tgt Ion:113 Resp: 103560
Ion Ratio Lower Upper
113 100
111 103.2 81.3 121.9
192 19.8 16.9 25.3

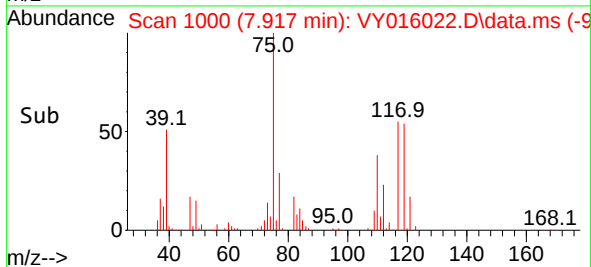
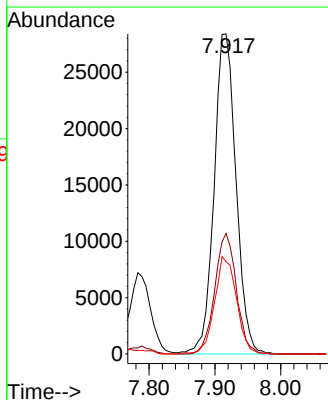
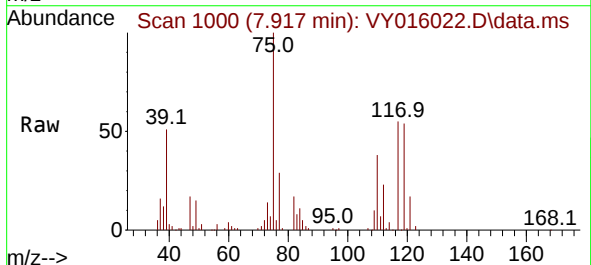
Manual Integrations
APPROVED

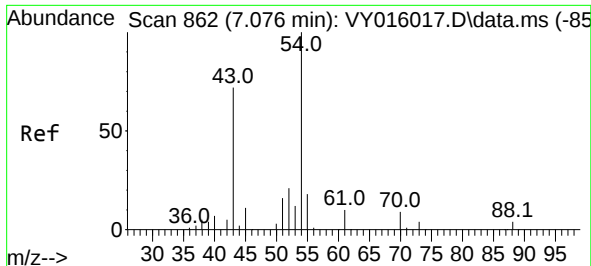
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#36
1,1-Dichloropropene
Concen: 19.207 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY016022.D
Acq: 18 Oct 2023 16:03

Tgt Ion: 75 Resp: 65982
Ion Ratio Lower Upper
75 100
110 37.1 17.8 53.5
77 30.5 24.4 36.6





#37

Ethyl Acetate

Concen: 21.582 ug/l

RT: 7.076 min Scan# 80

Delta R.T. -0.000 min

Lab File: VY016022.D

Acq: 18 Oct 2023 16:03

Instrument :

MSVOA_Y

ClientSampleId :

VY1018SBS01

Tgt Ion: 43 Resp: 5344

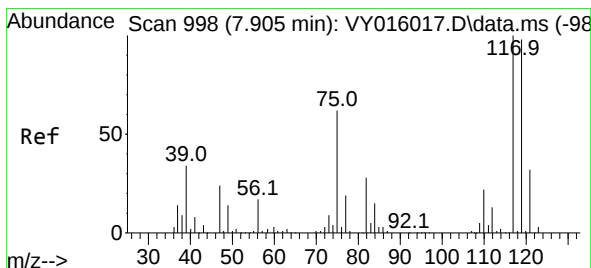
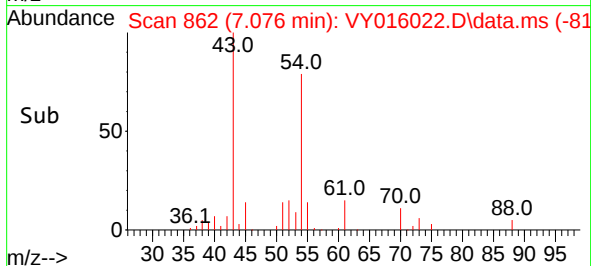
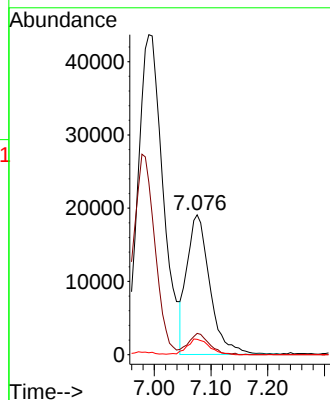
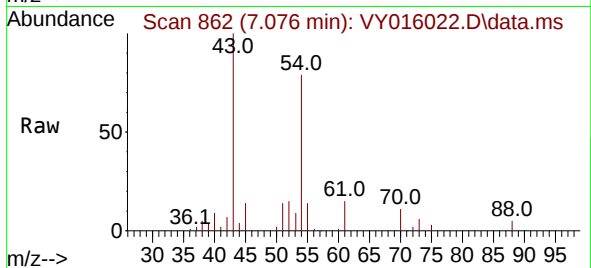
Ion	Ratio	Lower	Upper
43	100		
61	14.3	10.1	15.1
70	11.0	7.1	10.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#38

Carbon Tetrachloride

Concen: 19.632 ug/l

RT: 7.899 min Scan# 997

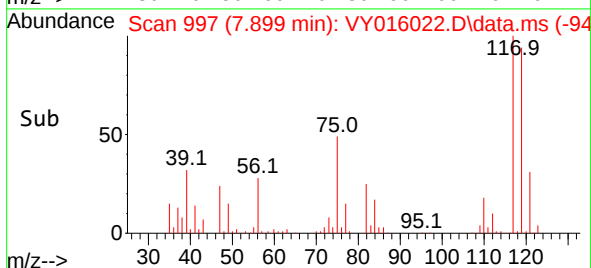
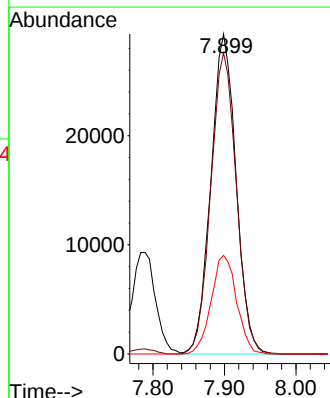
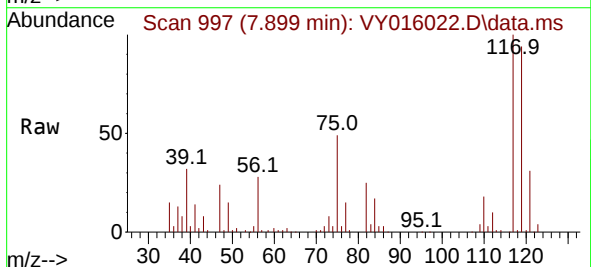
Delta R.T. -0.006 min

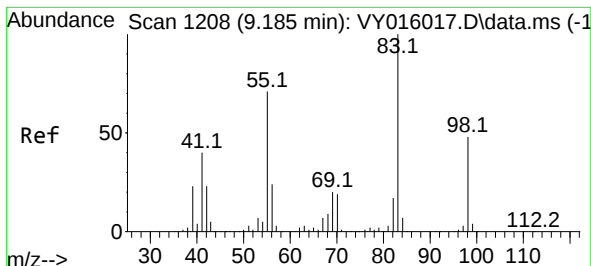
Lab File: VY016022.D

Acq: 18 Oct 2023 16:03

Tgt Ion:117 Resp: 71681

Ion	Ratio	Lower	Upper
117	100		
119	94.1	76.4	114.6
121	30.8	25.8	38.6





#39

Methylcyclohexane

Concen: 19.030 ug/l

RT: 9.185 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016022.D

Acq: 18 Oct 2023 16:03

Instrument :

MSVOA_Y

ClientSampleId :

VY1018SBS01

Tgt Ion: 83 Resp: 8170

Ion Ratio Lower Upper

83 100

55 70.0 63.0 94.4

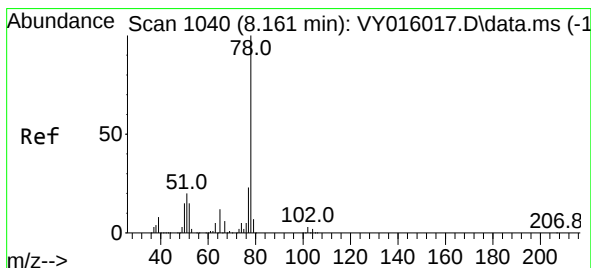
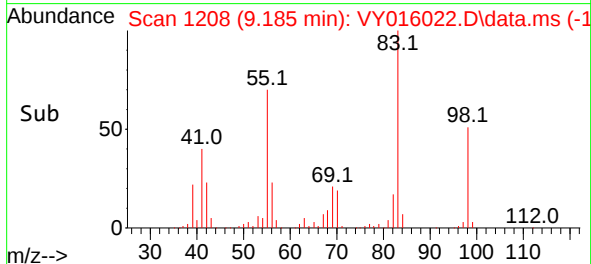
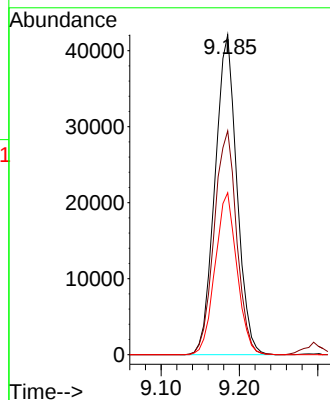
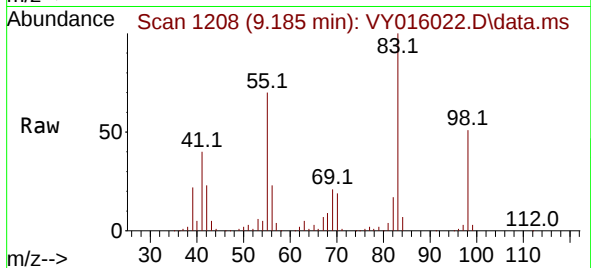
98 50.6 37.4 56.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#40

Benzene

Concen: 19.394 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY016022.D

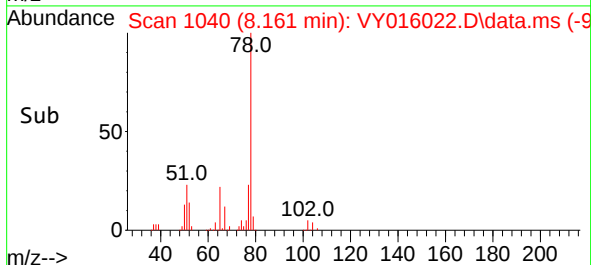
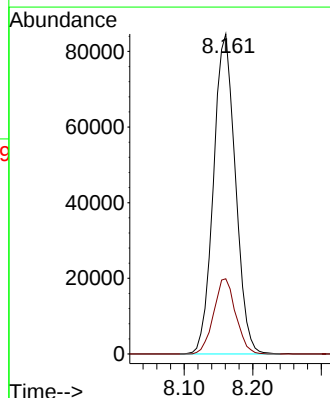
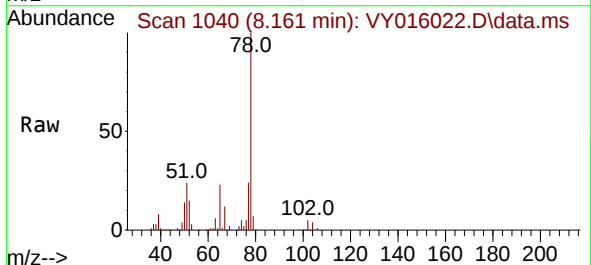
Acq: 18 Oct 2023 16:03

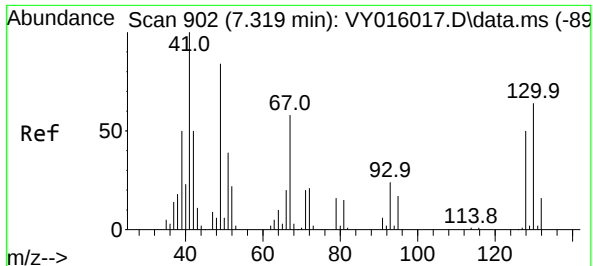
Tgt Ion: 78 Resp: 187777

Ion Ratio Lower Upper

78 100

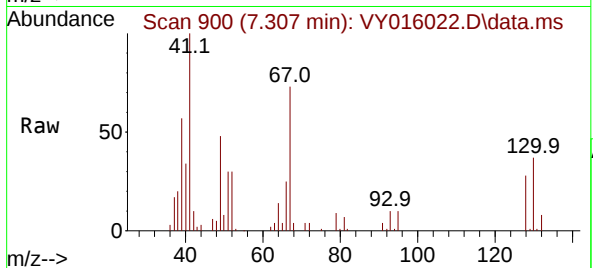
77 23.5 19.0 28.6





#41
Methacrylonitrile
Concen: 20.663 ug/l m
RT: 7.307 min Scan# 902
Delta R.T. -0.012 min
Lab File: VY016022.D
Acq: 18 Oct 2023 16:03

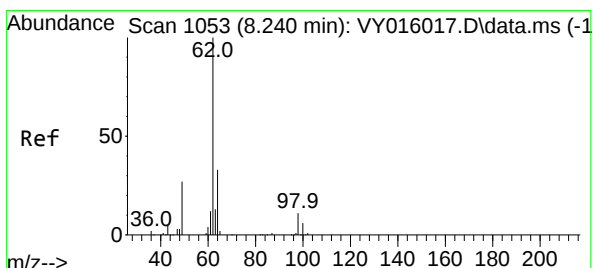
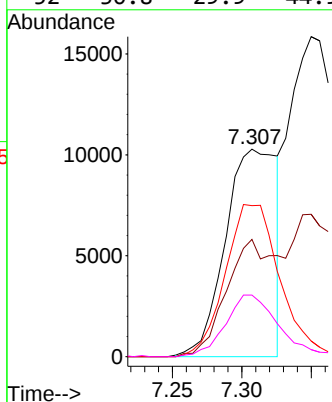
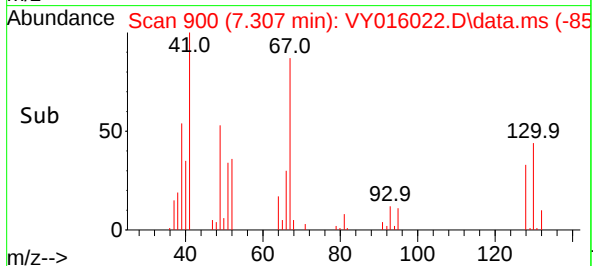
Instrument :
MSVOA_Y
ClientSampleId :
VY1018SBS01



Tgt Ion: 41 Resp: 2654
Ion Ratio Lower Upper
41 100
39 45.4 52.1 78.1
67 78.3 66.2 99.2
52 30.8 29.9 44.9

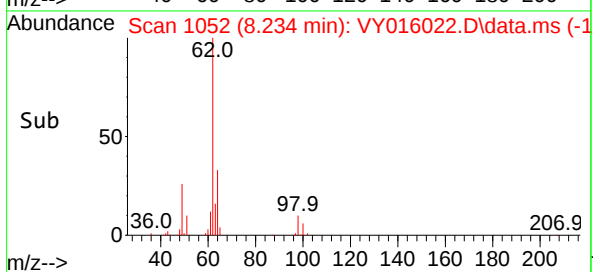
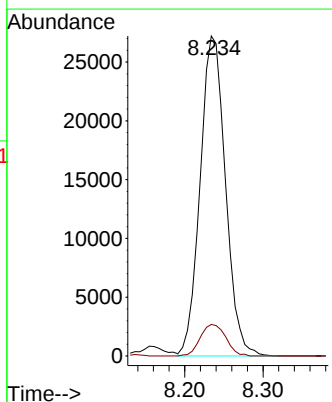
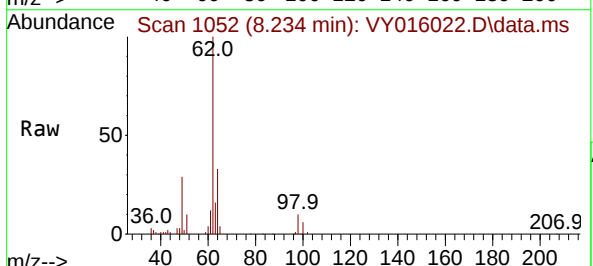
Manual Integrations
APPROVED

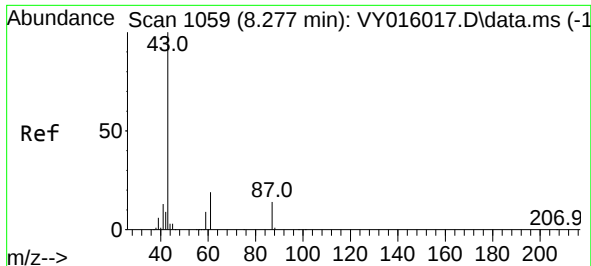
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#42
1,2-Dichloroethane
Concen: 19.621 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY016022.D
Acq: 18 Oct 2023 16:03

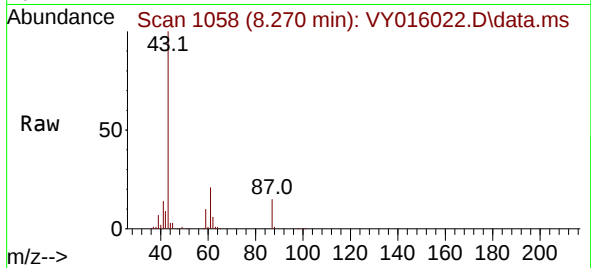
Tgt Ion: 62 Resp: 61194
Ion Ratio Lower Upper
62 100
98 9.9 0.0 15.8





#43
Isopropyl Acetate
Concen: 20.219 ug/l
RT: 8.270 min Scan# 1059
Delta R.T. -0.006 min
Lab File: VY016022.D
Acq: 18 Oct 2023 16:03

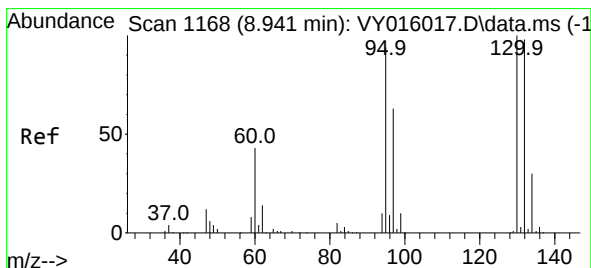
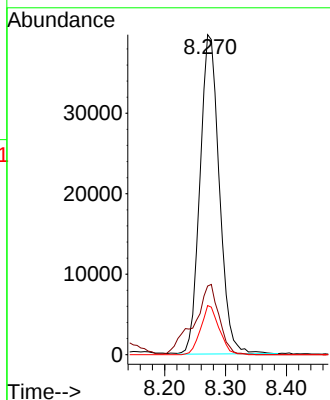
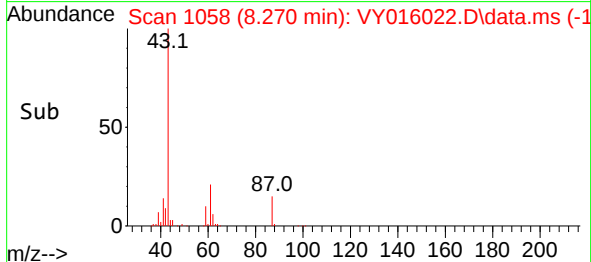
Instrument :
MSVOA_Y
ClientSampleId :
VY1018SBS01



Tgt Ion: 43 Resp: 8753
Ion Ratio Lower Upper
43 100
61 28.6 21.1 31.7
87 14.7 9.8 14.8

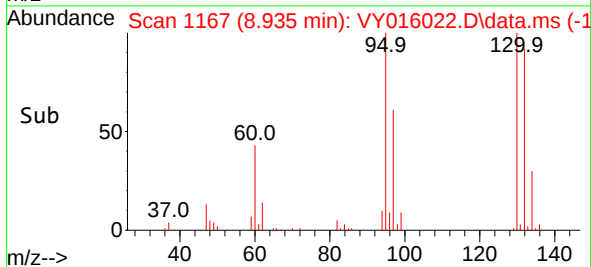
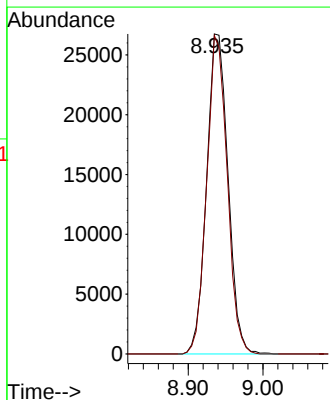
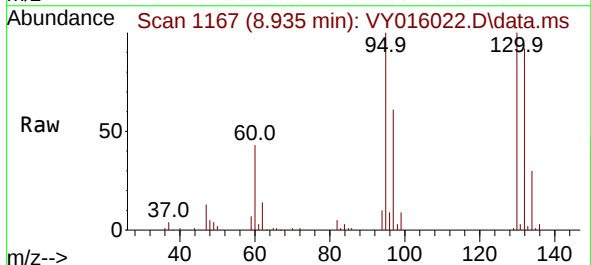
Manual Integrations
APPROVED

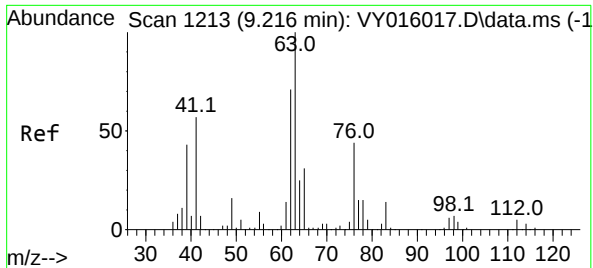
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#44
Trichloroethene
Concen: 19.607 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY016022.D
Acq: 18 Oct 2023 16:03

Tgt Ion:130 Resp: 53228
Ion Ratio Lower Upper
130 100
95 99.5 0.0 196.0





#45

1,2-Dichloropropane

Concen: 19.824 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VY016022.D

Acq: 18 Oct 2023 16:03

Instrument :

MSVOA_Y

ClientSampleId :

VY1018SBS01

Tgt Ion: 63 Resp: 4803

Ion Ratio Lower Upper

63 100

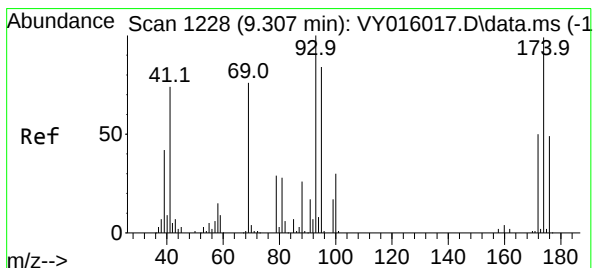
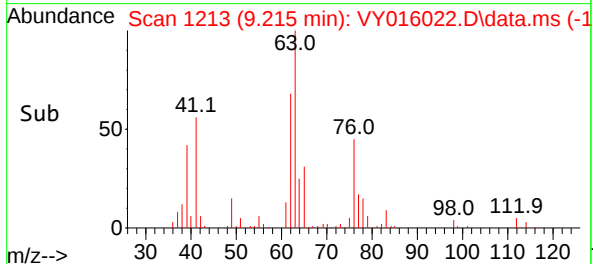
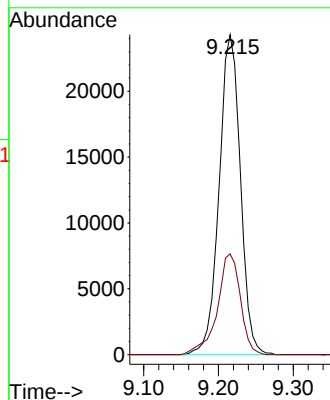
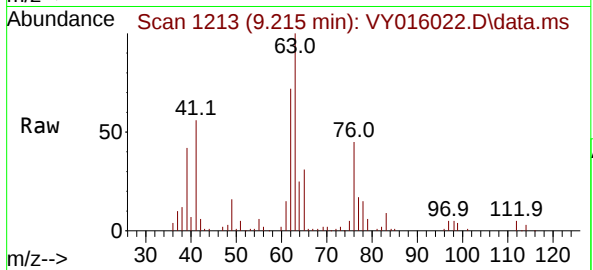
65 31.5 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#46

Dibromomethane

Concen: 20.071 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY016022.D

Acq: 18 Oct 2023 16:03

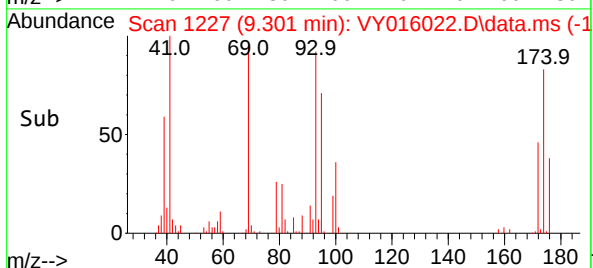
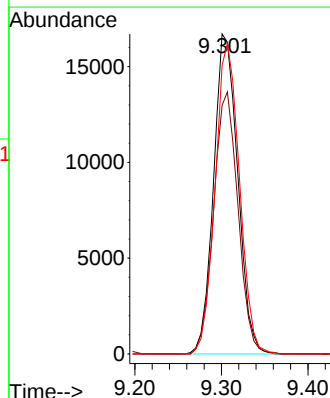
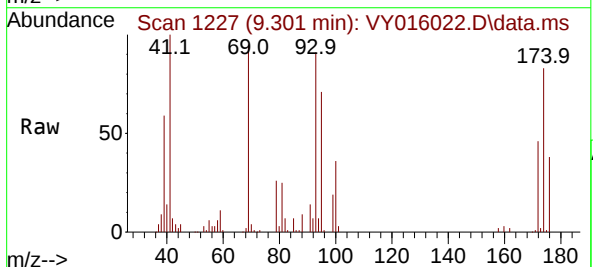
Tgt Ion: 93 Resp: 32288

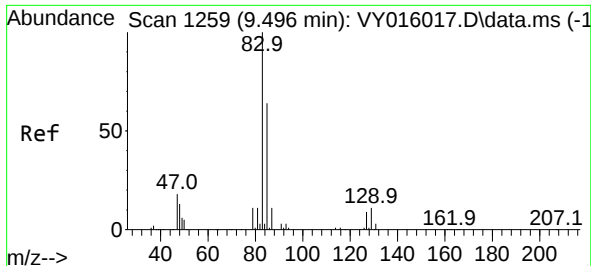
Ion Ratio Lower Upper

93 100

95 82.6 66.6 100.0

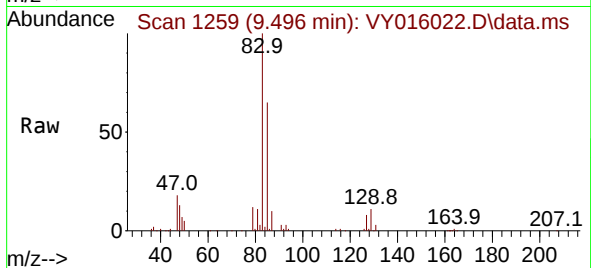
174 97.9 84.8 127.2





#47
Bromodichloromethane
Concen: 19.652 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY016022.D
Acq: 18 Oct 2023 16:03

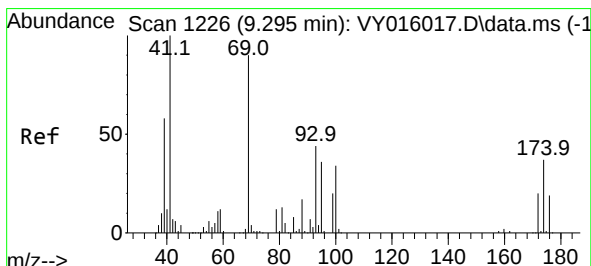
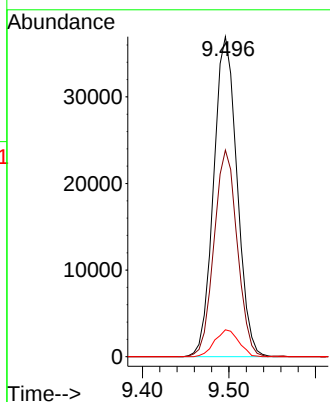
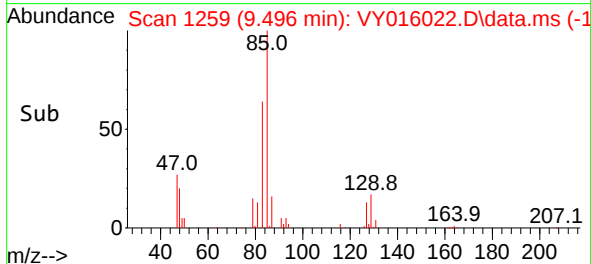
Instrument :
MSVOA_Y
ClientSampleId :
VY1018SBS01



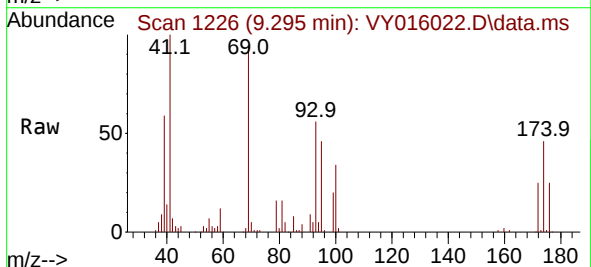
Tgt Ion: 83 Resp: 69289
Ion Ratio Lower Upper
83 100
85 64.6 50.1 75.1
127 8.4 7.1 10.7

Manual Integrations
APPROVED

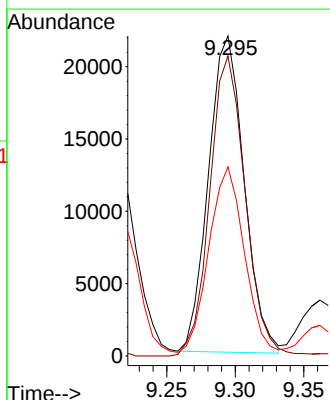
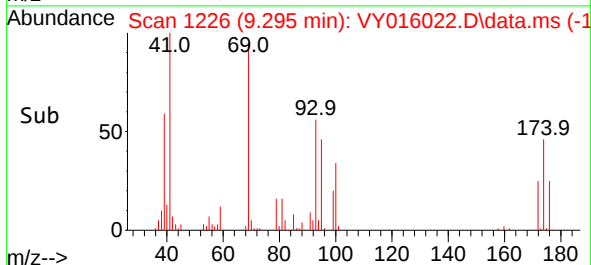
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

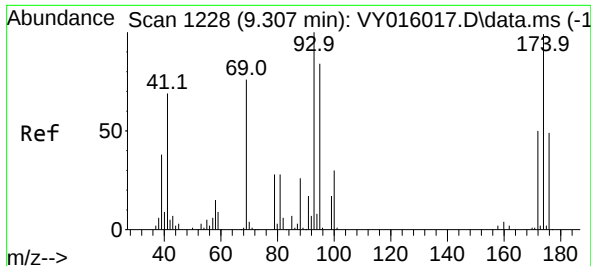


#48
Methyl methacrylate
Concen: 20.094 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY016022.D
Acq: 18 Oct 2023 16:03



Tgt Ion: 41 Resp: 39600
Ion Ratio Lower Upper
41 100
69 94.5 64.5 96.7
39 58.0 50.8 76.2





#49

1,4-Dioxane

Concen: 479.325 ug/l

RT: 9.337 min Scan# 1228

Delta R.T. 0.030 min

Lab File: VY016022.D

Acq: 18 Oct 2023 16:03

Instrument :

MSVOA_Y

ClientSampleId :

VY1018SBS01

Tgt Ion: 88 Resp: 12278

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

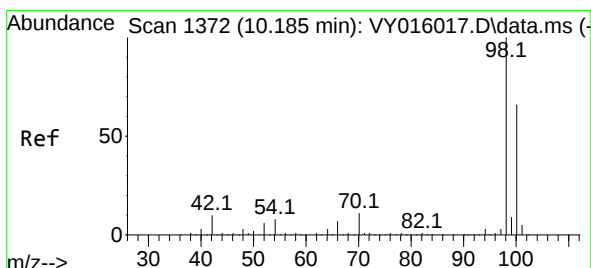
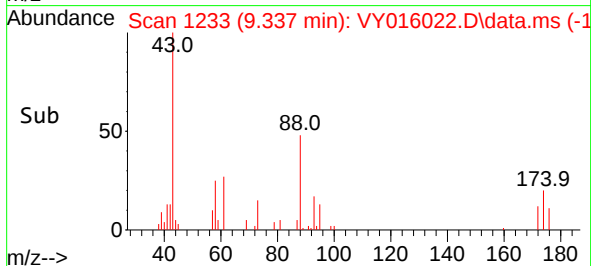
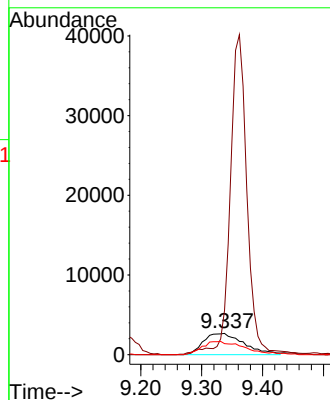
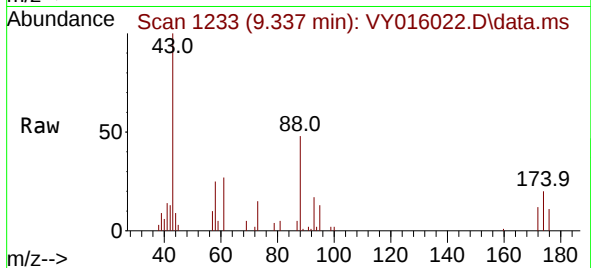
58 65.2 30.9 46.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#50

Toluene-d8

Concen: 45.165 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.006 min

Lab File: VY016022.D

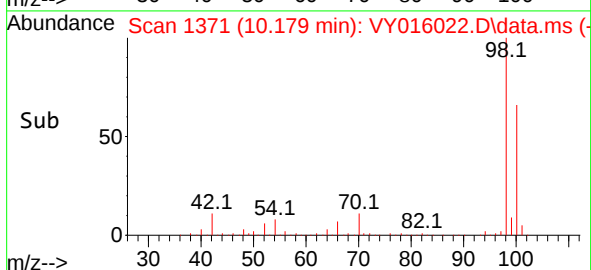
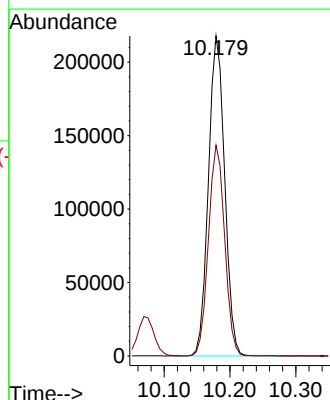
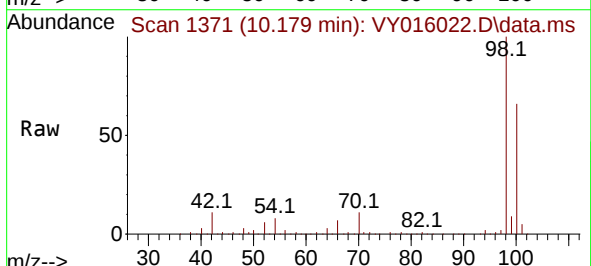
Acq: 18 Oct 2023 16:03

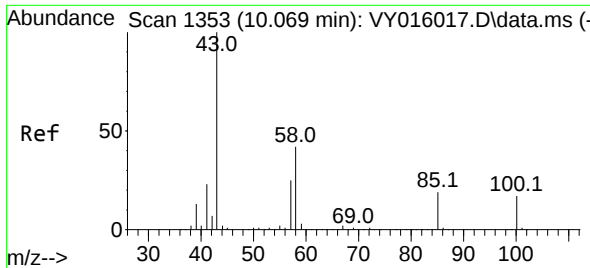
Tgt Ion: 98 Resp: 374554

Ion Ratio Lower Upper

98 100

100 65.9 50.1 75.1





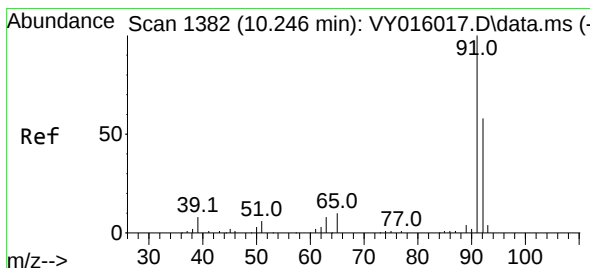
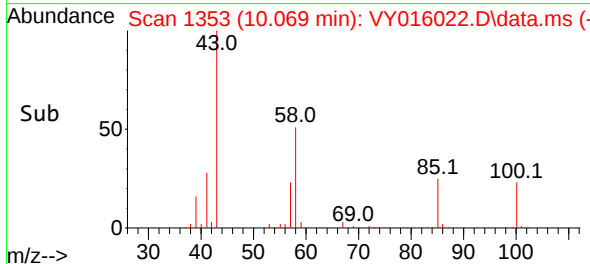
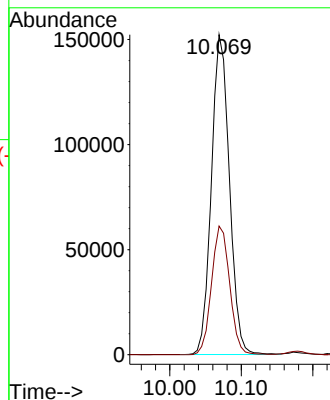
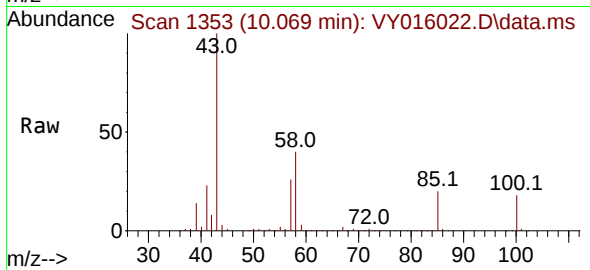
#51
4-Methyl-2-Pentanone
Concen: 106.931 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY016022.D
Acq: 18 Oct 2023 16:03

Instrument :
MSVOA_Y
ClientSampleId :
VY1018SBS01

Tgt Ion: 43 Resp: 266223
Ion Ratio Lower Upper
43 100
58 40.6 29.0 43.6

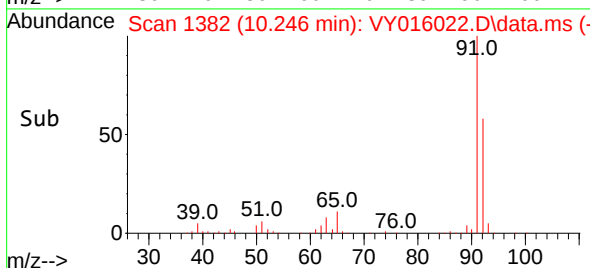
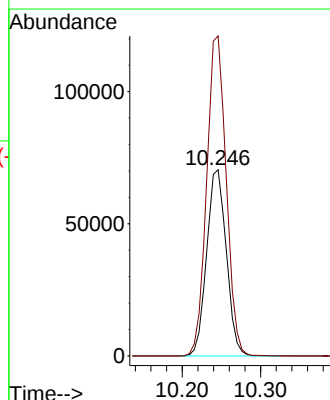
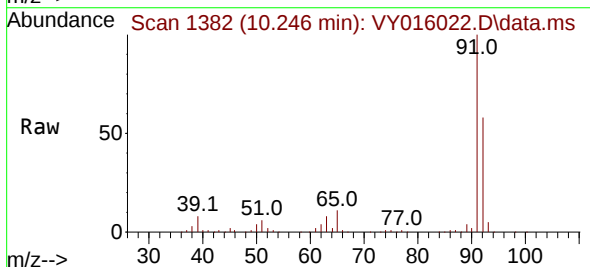
Manual Integrations
APPROVED

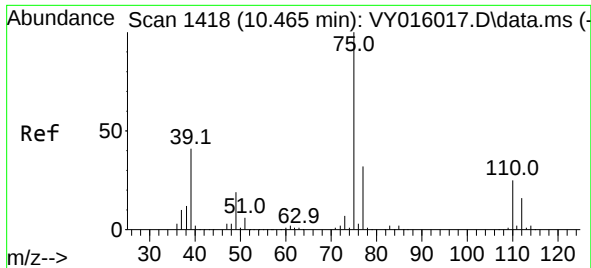
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#52
Toluene
Concen: 19.524 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY016022.D
Acq: 18 Oct 2023 16:03

Tgt Ion: 92 Resp: 122613
Ion Ratio Lower Upper
92 100
91 171.0 143.8 215.6





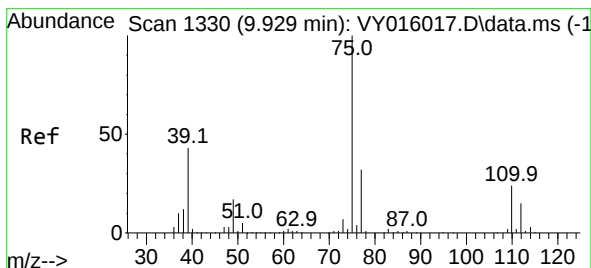
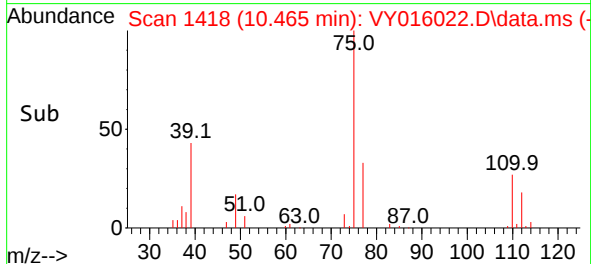
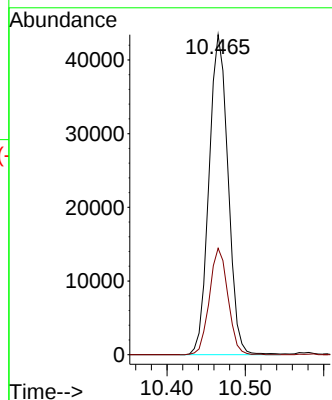
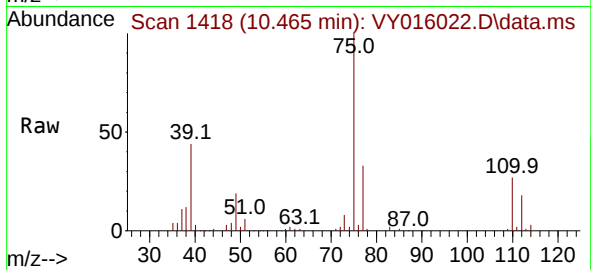
#53
t-1,3-Dichloropropene
Concen: 19.198 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY016022.D
Acq: 18 Oct 2023 16:03

Instrument :
MSVOA_Y
ClientSampleId :
VY1018SBS01

Tgt Ion: 75 Resp: 73320
Ion Ratio Lower Upper
75 100
77 33.3 25.0 37.4

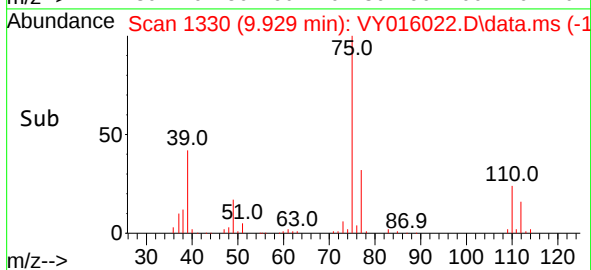
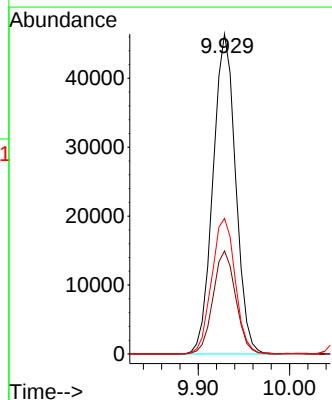
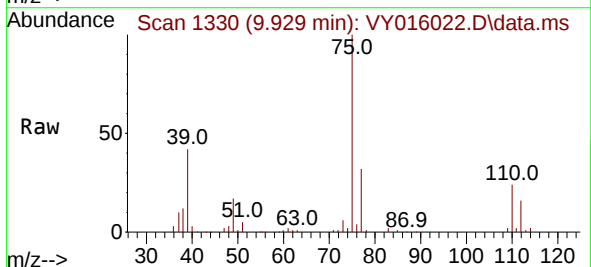
Manual Integrations
APPROVED

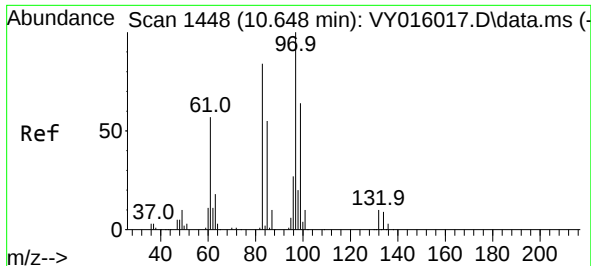
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#54
cis-1,3-Dichloropropene
Concen: 19.191 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY016022.D
Acq: 18 Oct 2023 16:03

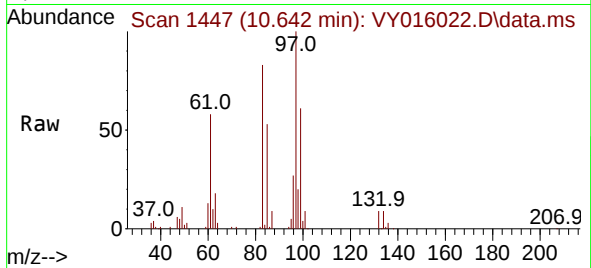
Tgt Ion: 75 Resp: 79899
Ion Ratio Lower Upper
75 100
77 32.2 24.2 36.4
39 42.3 42.2 63.4





#55
1,1,2-Trichloroethane
Concen: 20.555 ug/l
RT: 10.642 min Scan# 1448
Delta R.T. -0.006 min
Lab File: VY016022.D
Acq: 18 Oct 2023 16:03

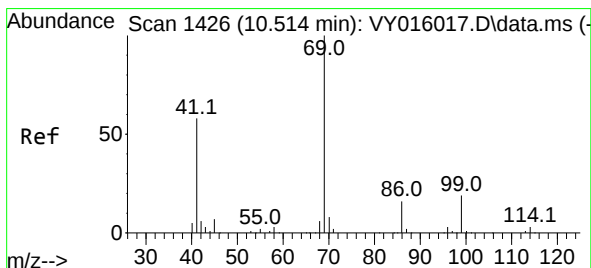
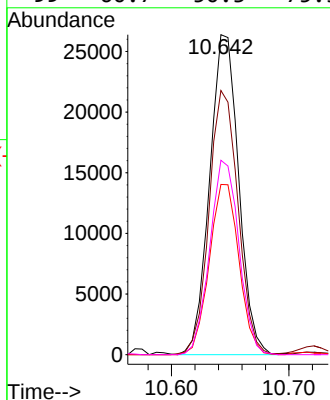
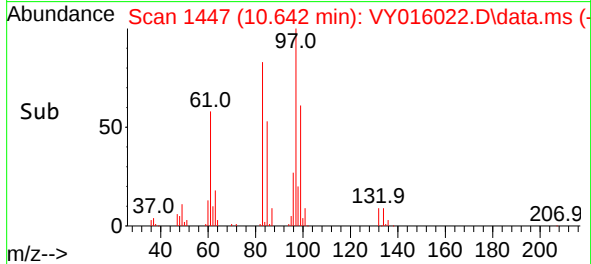
Instrument :
MSVOA_Y
ClientSampleId :
VY1018SBS01



Tgt Ion:	97	Resp:	4542
Ion	Ratio	Lower	Upper
97	100		
83	82.2	72.0	108.0
85	53.2	45.4	68.0
99	60.7	50.3	75.5

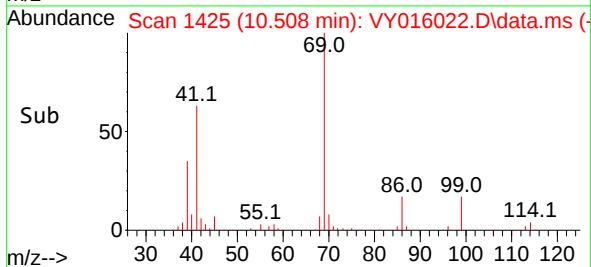
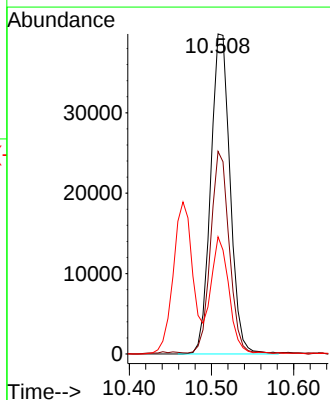
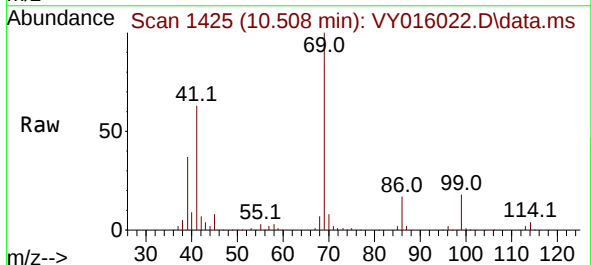
Manual Integrations
APPROVED

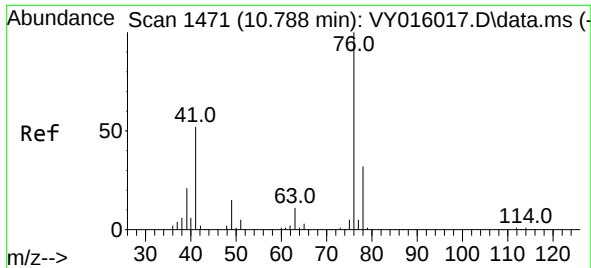
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#56
Ethyl methacrylate
Concen: 20.238 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VY016022.D
Acq: 18 Oct 2023 16:03

Tgt Ion:	69	Resp:	65364
Ion	Ratio	Lower	Upper
69	100		
41	60.3	57.6	86.4
39	34.3	34.1	51.1





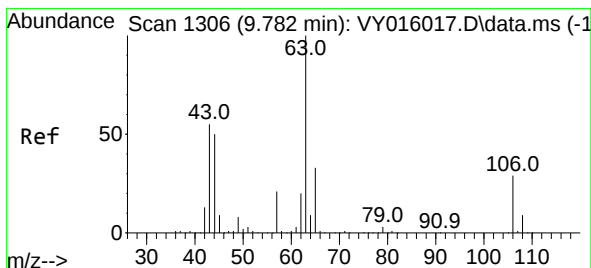
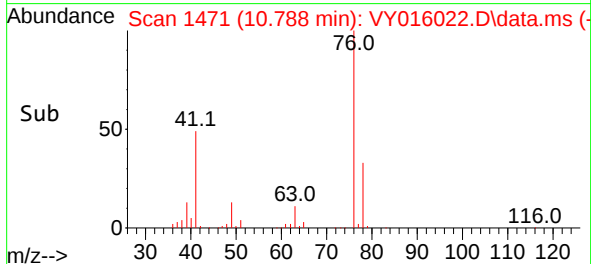
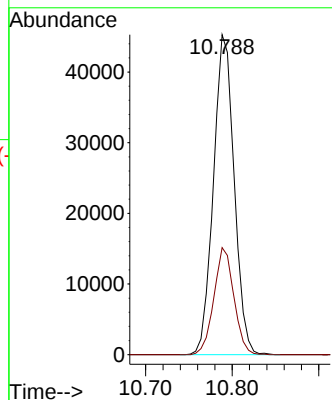
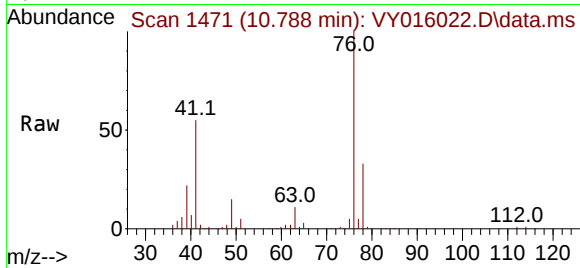
#57
1,3-Dichloropropane
Concen: 20.081 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VY016022.D
Acq: 18 Oct 2023 16:03

Instrument :
MSVOA_Y
ClientSampleId :
VY1018SBS01

Tgt Ion: 76 Resp: 7528
Ion Ratio Lower Upper
76 100
78 32.3 25.3 37.9

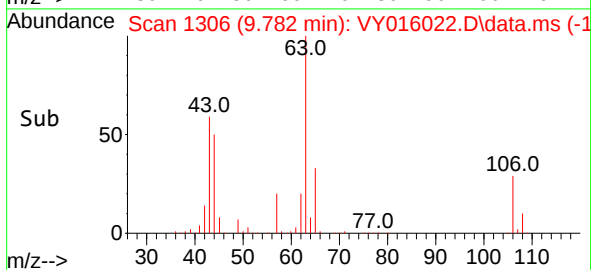
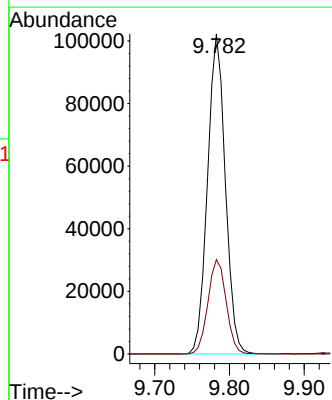
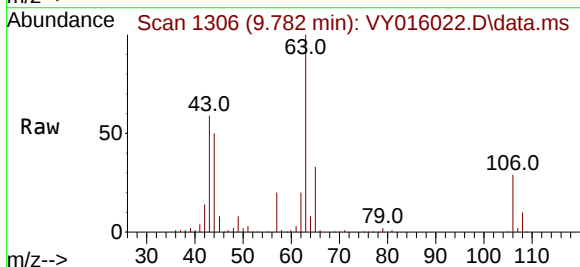
Manual Integrations
APPROVED

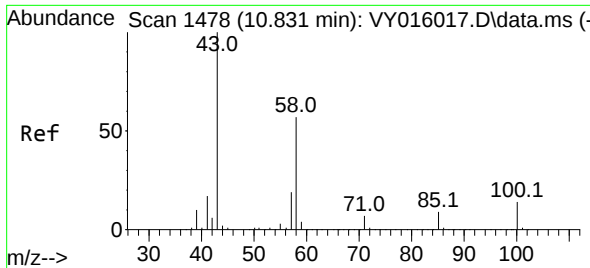
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#58
2-Chloroethyl Vinyl ether
Concen: 108.706 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. -0.000 min
Lab File: VY016022.D
Acq: 18 Oct 2023 16:03

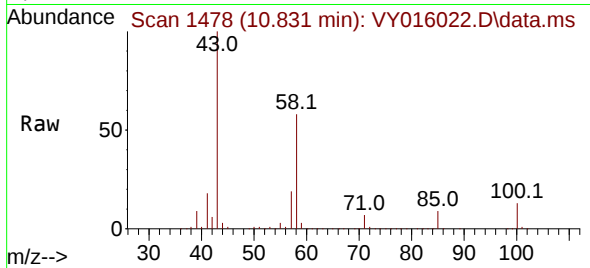
Tgt Ion: 63 Resp: 168641
Ion Ratio Lower Upper
63 100
106 30.2 21.2 31.8





#59
2-Hexanone
Concen: 109.994 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY016022.D
Acq: 18 Oct 2023 16:03

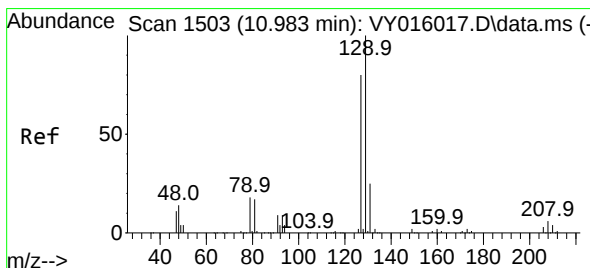
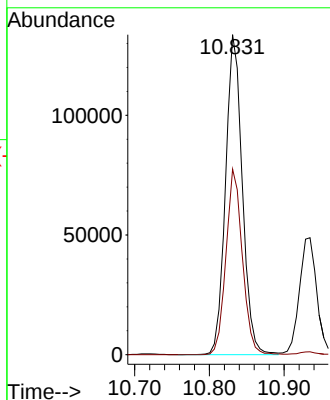
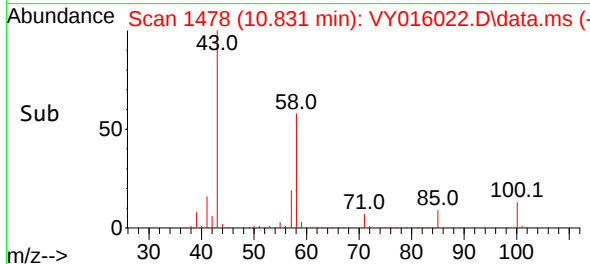
Instrument :
MSVOA_Y
ClientSampleId :
VY1018SBS01



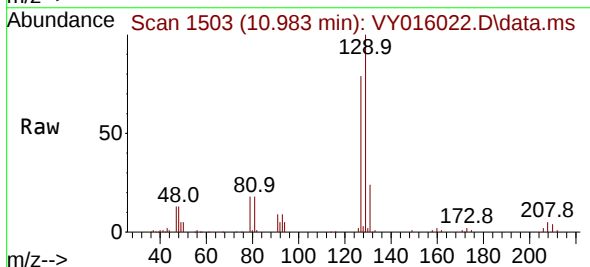
Tgt Ion: 43 Resp: 208352
Ion Ratio Lower Upper
43 100
58 56.7 25.1 75.3

Manual Integrations
APPROVED

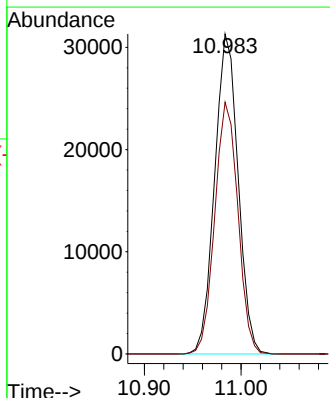
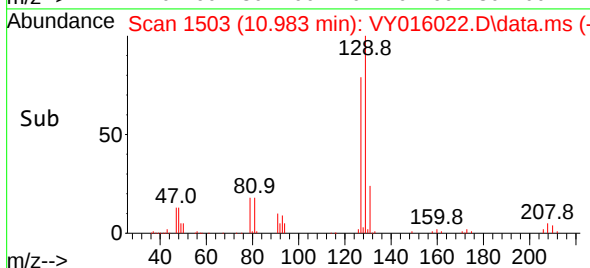
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

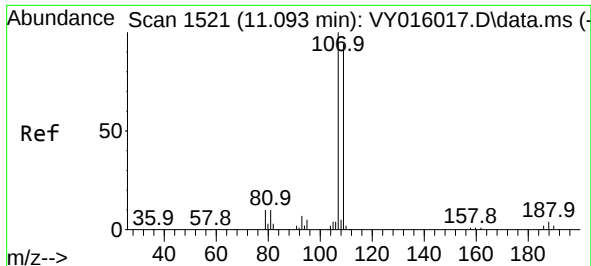


#60
Dibromochloromethane
Concen: 19.678 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY016022.D
Acq: 18 Oct 2023 16:03



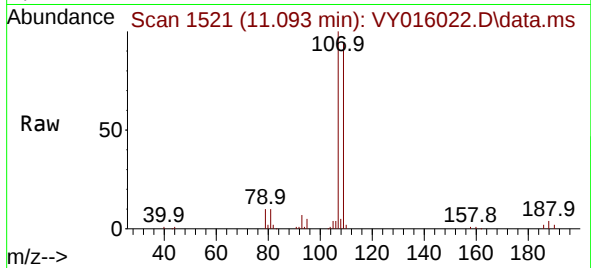
Tgt Ion:129 Resp: 52596
Ion Ratio Lower Upper
129 100
127 77.6 38.5 115.5





#61
1,2-Dibromoethane
Concen: 20.001 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. -0.000 min
Lab File: VY016022.D
Acq: 18 Oct 2023 16:03

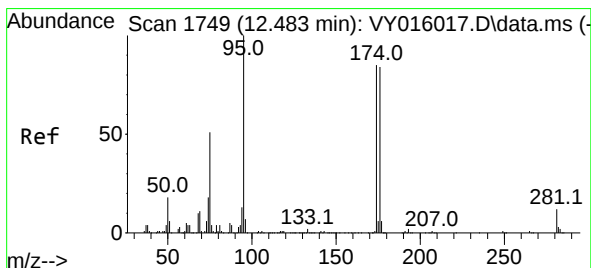
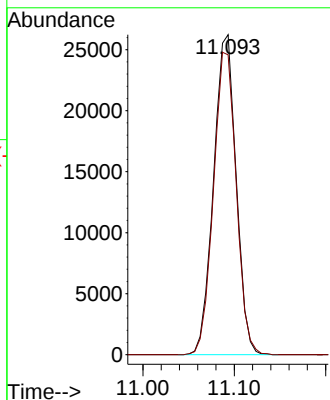
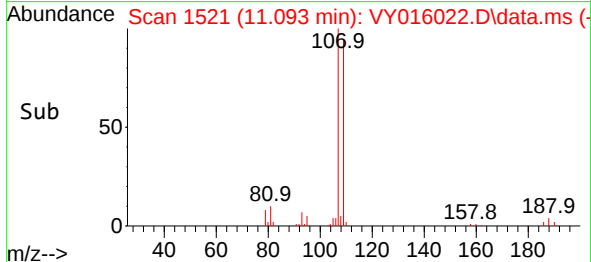
Instrument :
MSVOA_Y
ClientSampleId :
VY1018SBS01



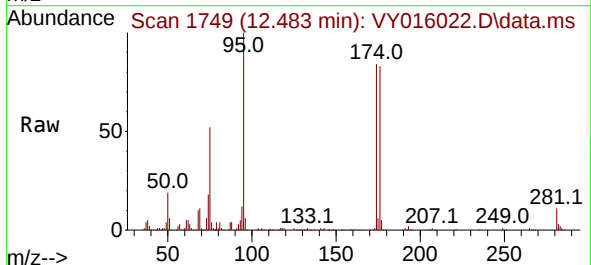
Tgt Ion:107 Resp: 4498
Ion Ratio Lower Upper
107 100
109 95.6 75.6 113.4

Manual Integrations
APPROVED

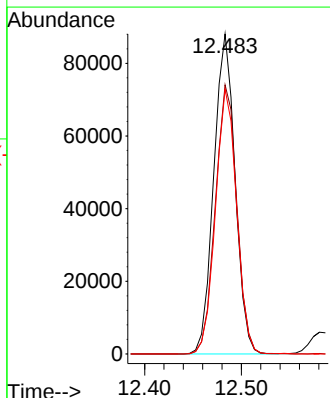
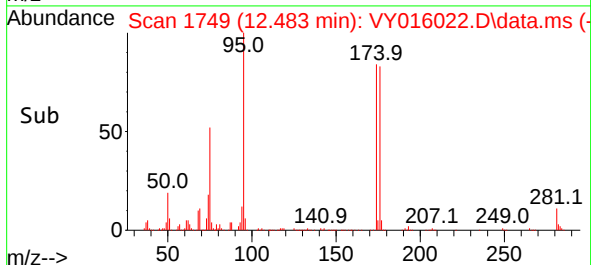
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

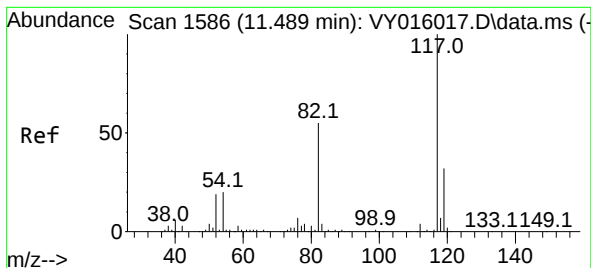


#62
4-Bromofluorobenzene
Concen: 45.431 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY016022.D
Acq: 18 Oct 2023 16:03



Tgt Ion: 95 Resp: 134431
Ion Ratio Lower Upper
95 100
174 85.1 0.0 178.2
176 82.3 0.0 173.8





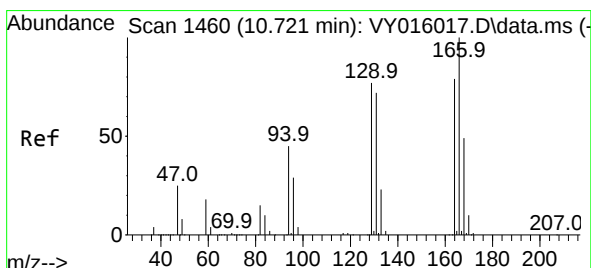
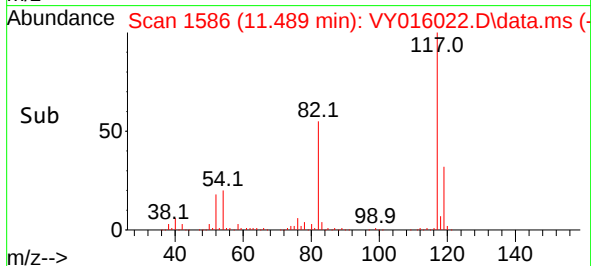
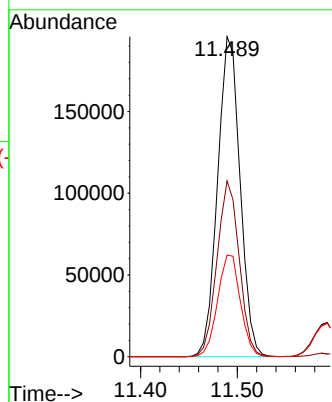
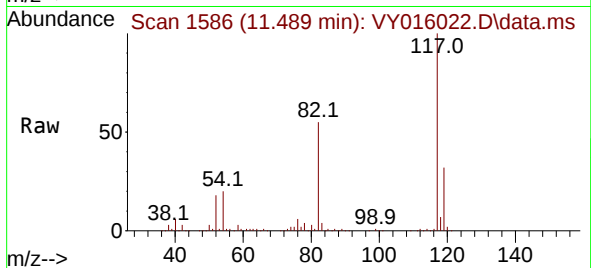
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY016022.D
Acq: 18 Oct 2023 16:03

Instrument :
MSVOA_Y
ClientSampleId :
VY1018SBS01

Tgt Ion:117 Resp: 31572
Ion Ratio Lower Upper
117 100
82 54.9 43.4 65.0
119 31.7 26.3 39.5

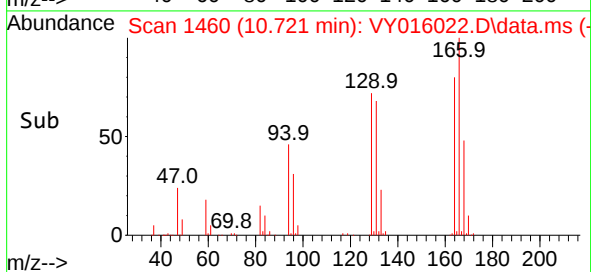
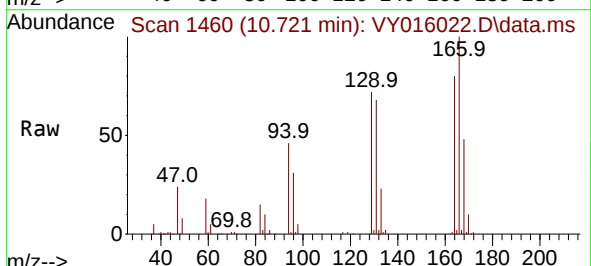
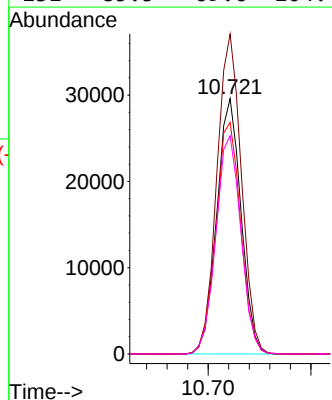
Manual Integrations
APPROVED

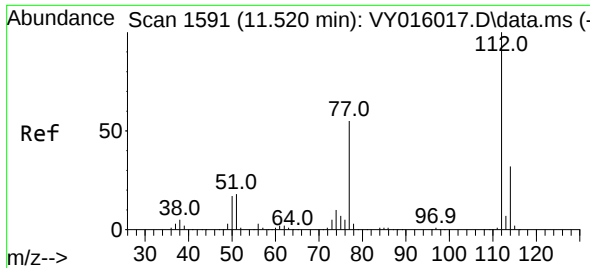
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#64
Tetrachloroethene
Concen: 19.851 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY016022.D
Acq: 18 Oct 2023 16:03

Tgt Ion:164 Resp: 48599
Ion Ratio Lower Upper
164 100
166 125.3 103.0 154.6
129 90.7 77.2 115.8
131 85.5 69.6 104.4





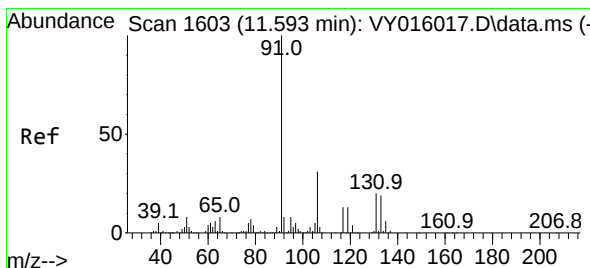
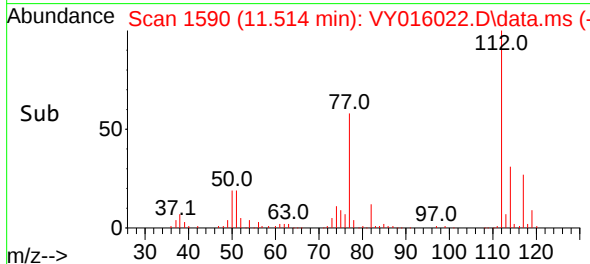
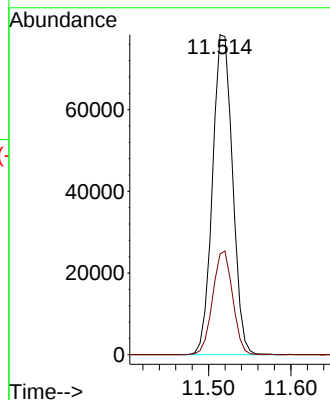
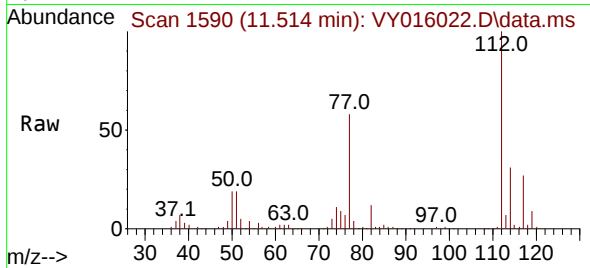
#65
Chlorobenzene
Concen: 19.398 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. -0.006 min
Lab File: VY016022.D
Acq: 18 Oct 2023 16:03

Instrument :
MSVOA_Y
ClientSampleId :
VY1018SBS01

Tgt Ion:112 Resp: 132634
Ion Ratio Lower Upper
112 100
114 31.5 25.5 38.3

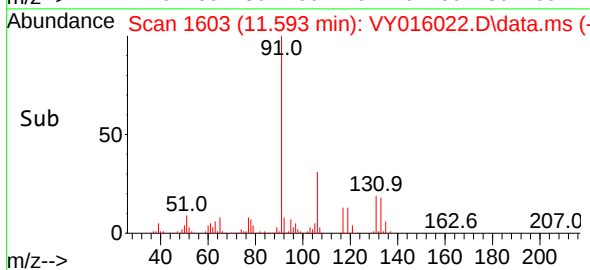
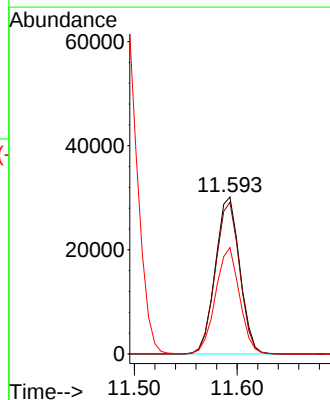
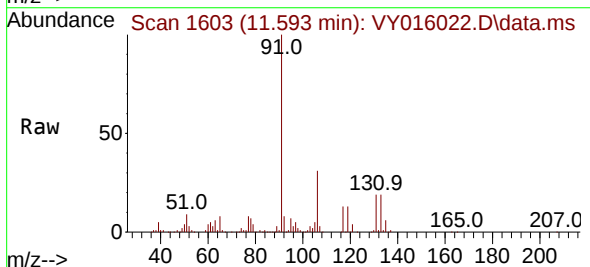
Manual Integrations
APPROVED

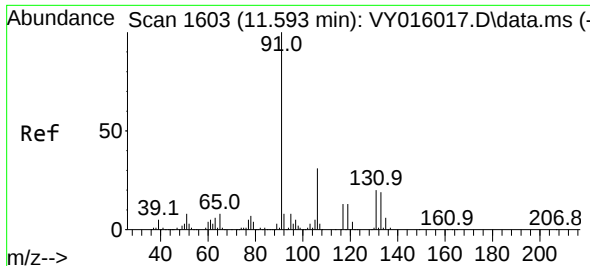
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 19.316 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY016022.D
Acq: 18 Oct 2023 16:03

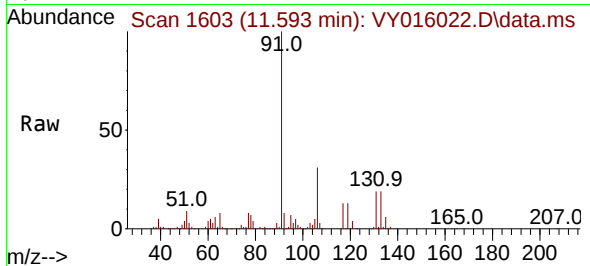
Tgt Ion:131 Resp: 49781
Ion Ratio Lower Upper
131 100
133 95.9 47.5 142.6
119 66.4 31.6 94.7





#67
Ethyl Benzene
Concen: 19.401 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY016022.D
Acq: 18 Oct 2023 16:03

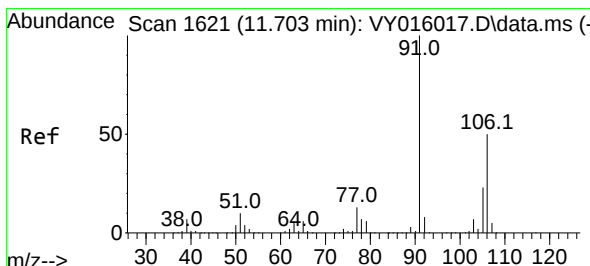
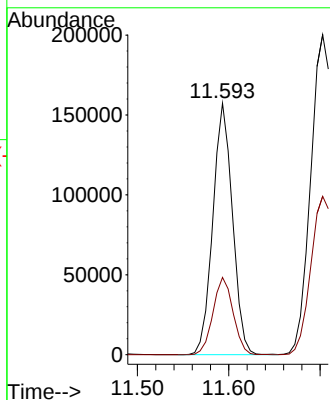
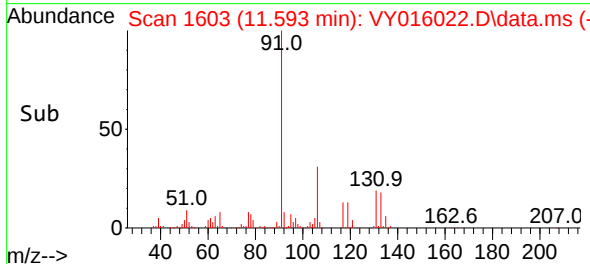
Instrument :
MSVOA_Y
ClientSampleId :
VY1018SBS01



Tgt Ion: 91 Resp: 234738
Ion Ratio Lower Upper
91 100
106 30.7 24.6 36.8

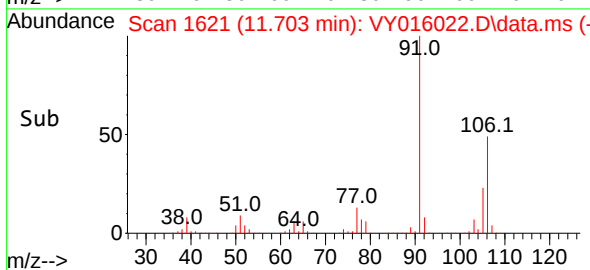
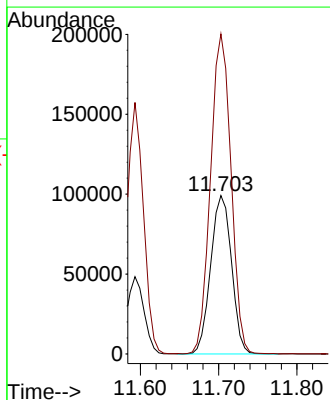
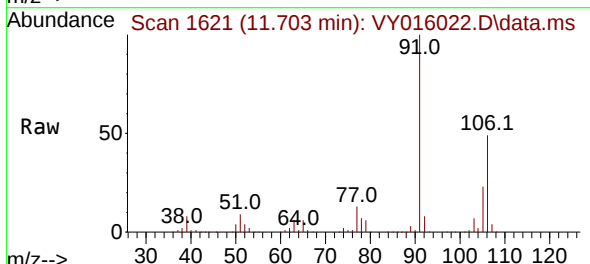
Manual Integrations
APPROVED

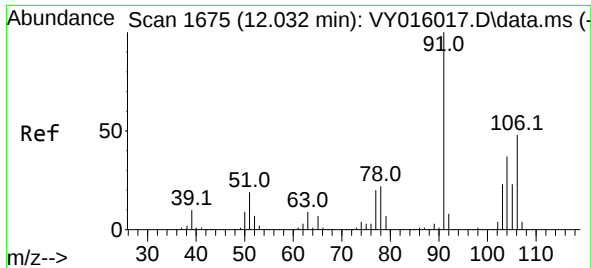
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#68
m/p-Xylenes
Concen: 38.869 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY016022.D
Acq: 18 Oct 2023 16:03

Tgt Ion:106 Resp: 183388
Ion Ratio Lower Upper
106 100
91 198.6 166.1 249.1





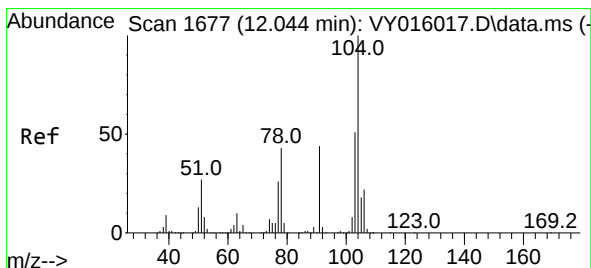
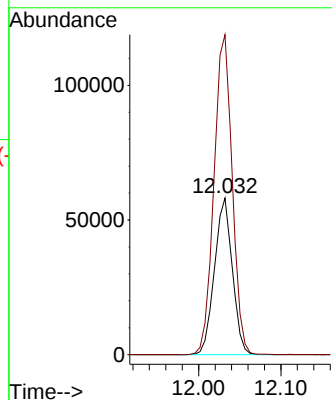
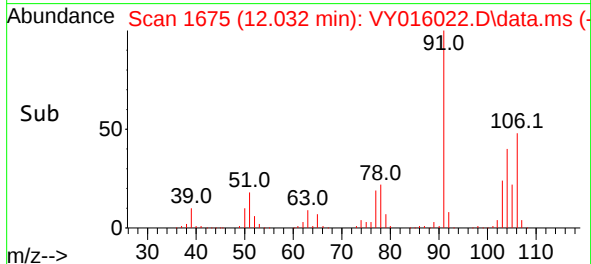
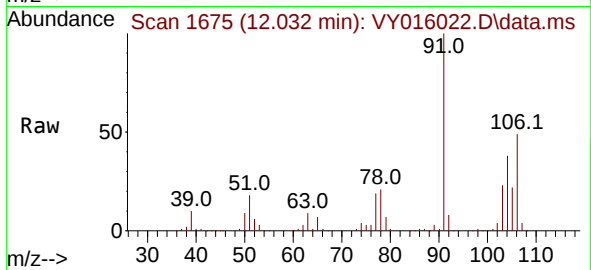
#69
o-Xylene
Concen: 19.534 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY016022.D
Acq: 18 Oct 2023 16:03

Instrument :
MSVOA_Y
ClientSampleId :
VY1018SBS01

Tgt Ion:106 Resp: 87670
Ion Ratio Lower Upper
106 100
91 209.0 108.1 324.3

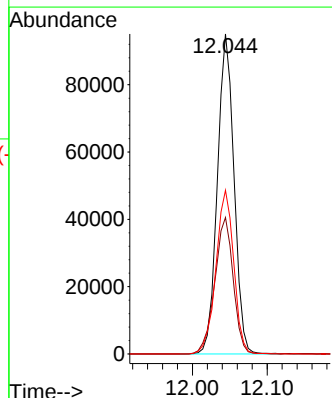
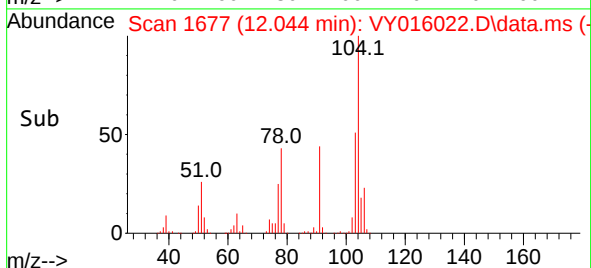
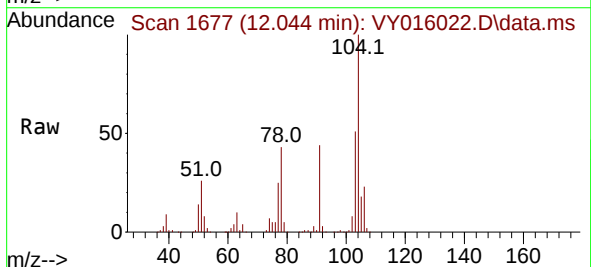
Manual Integrations
APPROVED

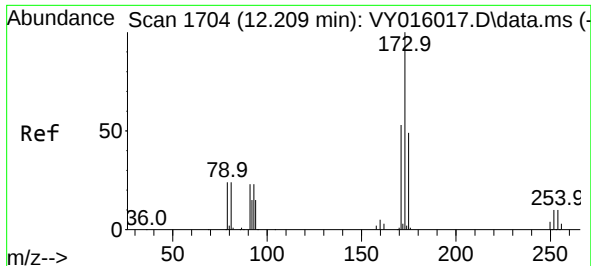
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#70
Styrene
Concen: 19.277 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY016022.D
Acq: 18 Oct 2023 16:03

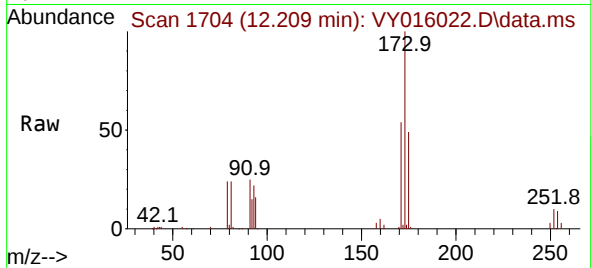
Tgt Ion:104 Resp: 147465
Ion Ratio Lower Upper
104 100
78 47.3 41.5 62.3
103 54.8 44.6 67.0





#71
Bromoform
Concen: 19.873 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VY016022.D
Acq: 18 Oct 2023 16:03

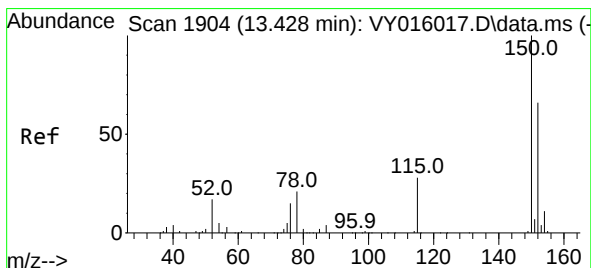
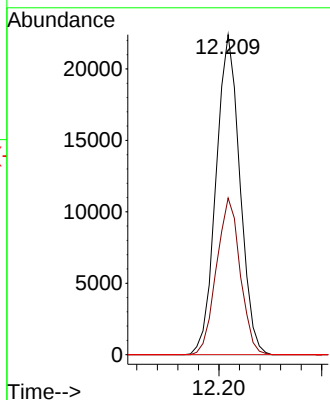
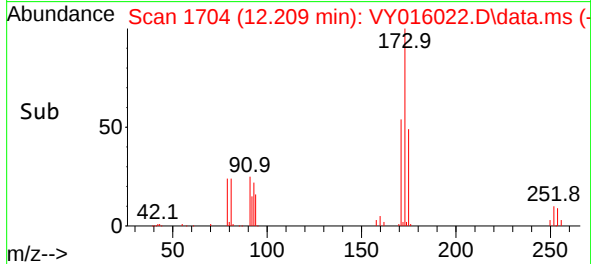
Instrument :
MSVOA_Y
ClientSampleId :
VY1018SBS01



Tgt Ion:173 Resp: 36038
Ion Ratio Lower Upper
173 100
175 48.6 24.6 73.8
254 0.0 0.2 0.2

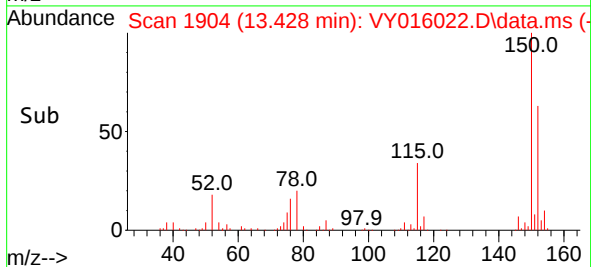
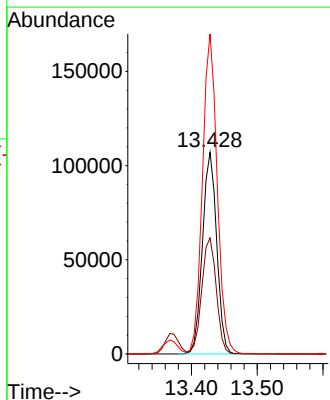
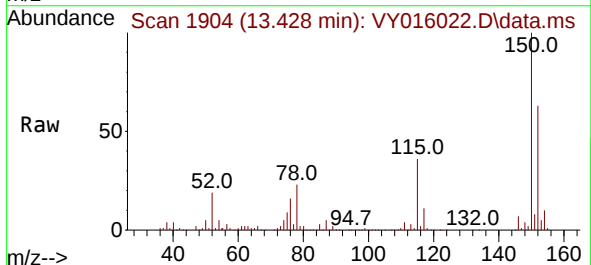
Manual Integrations
APPROVED

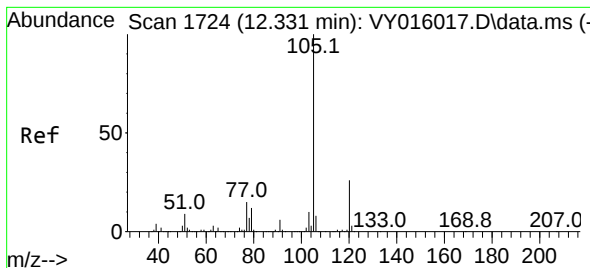
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY016022.D
Acq: 18 Oct 2023 16:03

Tgt Ion:152 Resp: 161279
Ion Ratio Lower Upper
152 100
115 58.7 28.8 86.5
150 164.5 0.0 348.8





#73

Isopropylbenzene

Concen: 19.243 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. -0.000 min

Lab File: VY016022.D

Acq: 18 Oct 2023 16:03

Instrument :

MSVOA_Y

ClientSampleId :

VY1018SBS01

Tgt Ion:105 Resp: 232140

Ion Ratio Lower Upper

105 100

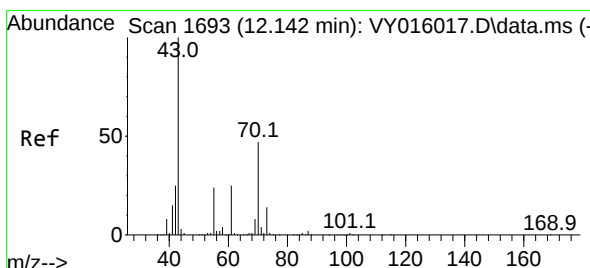
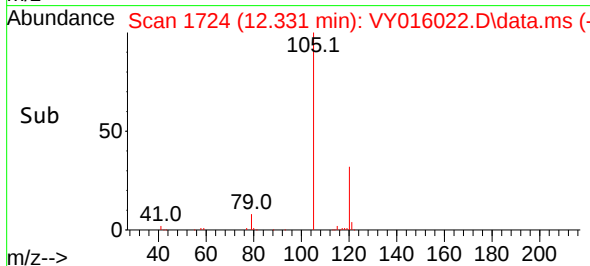
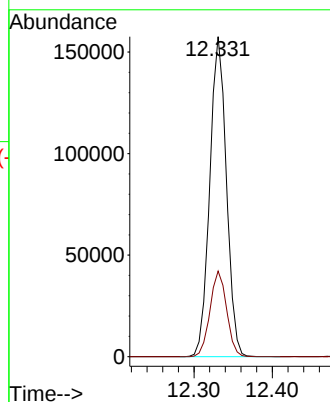
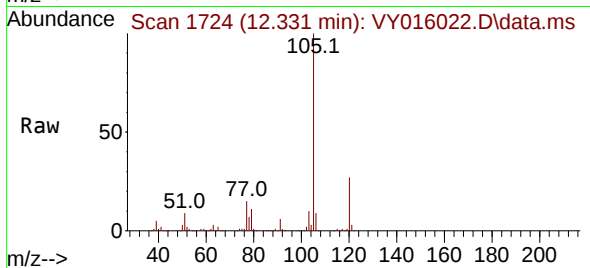
120 26.7 13.3 39.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#74

N-ethyl acetate

Concen: 20.080 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.006 min

Lab File: VY016022.D

Acq: 18 Oct 2023 16:03

Tgt Ion: 43 Resp: 76516

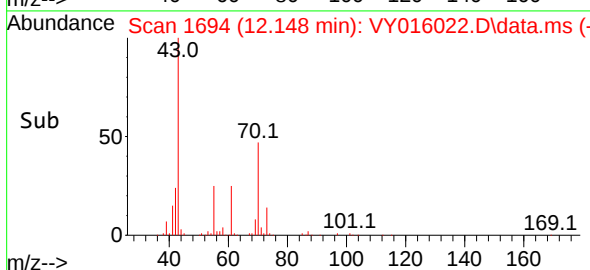
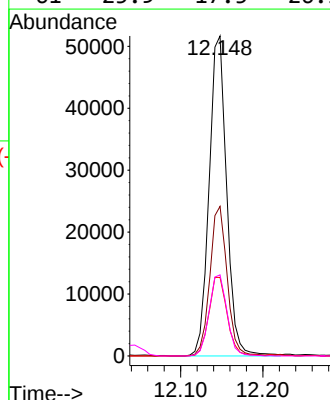
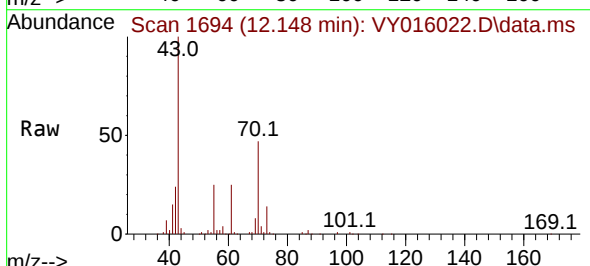
Ion Ratio Lower Upper

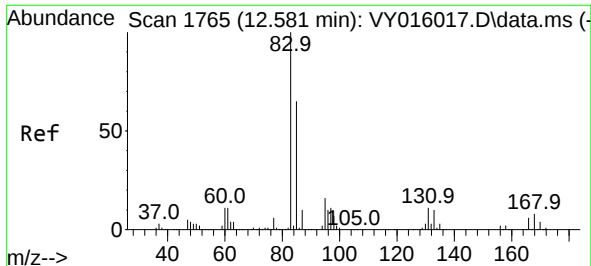
43 100

70 46.1 29.7 44.5

55 25.7 18.3 27.5

61 25.9 17.5 26.3





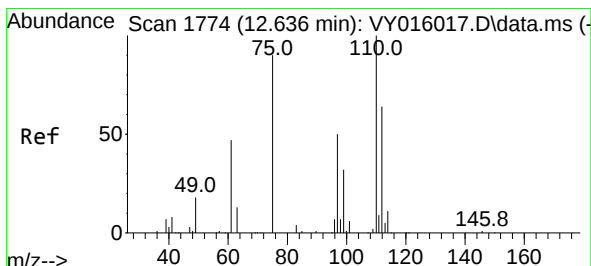
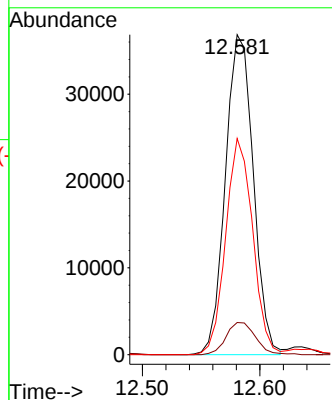
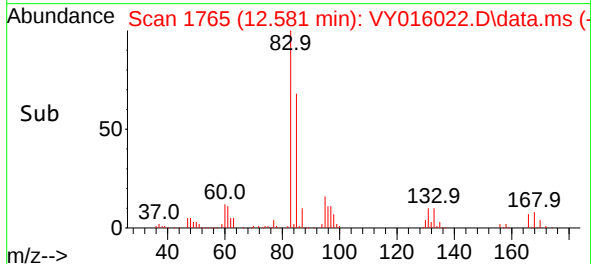
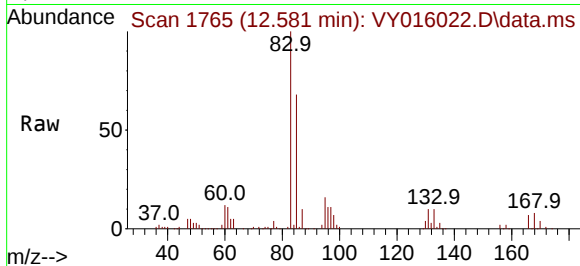
#75
1,1,2,2-Tetrachloroethane
Concen: 20.151 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY016022.D
Acq: 18 Oct 2023 16:03

Instrument :
MSVOA_Y
ClientSampleId :
VY1018SBS01

Tgt Ion: 83 Resp: 6088
Ion Ratio Lower Upper
83 100
131 10.6 5.4 16.2
85 65.6 31.8 95.4

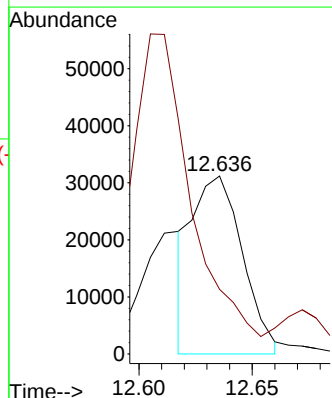
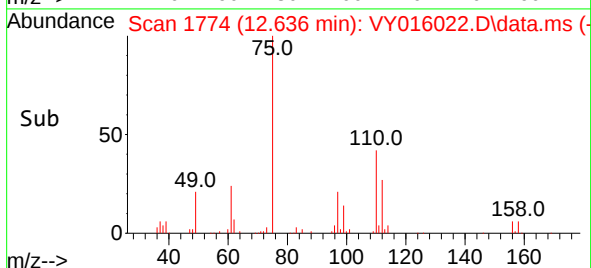
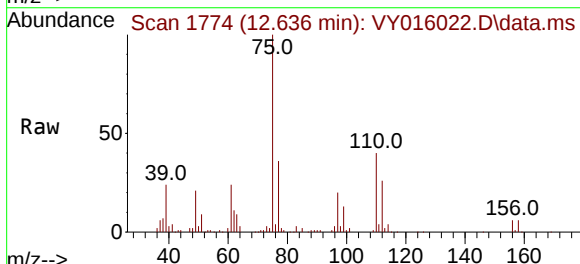
Manual Integrations
APPROVED

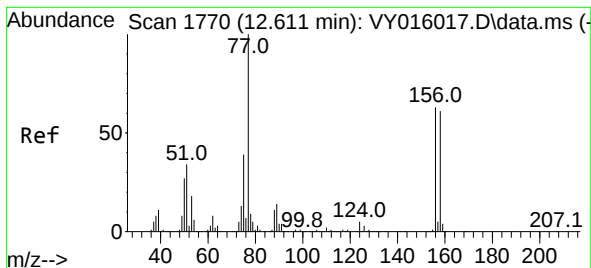
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#76
1,2,3-Trichloropropane
Concen: 21.032 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY016022.D
Acq: 18 Oct 2023 16:03

Tgt Ion: 75 Resp: 48027
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.465 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. -0.000 min

Lab File: VY016022.D

Acq: 18 Oct 2023 16:03

Instrument :

MSVOA_Y

ClientSampleId :

VY1018SBS01

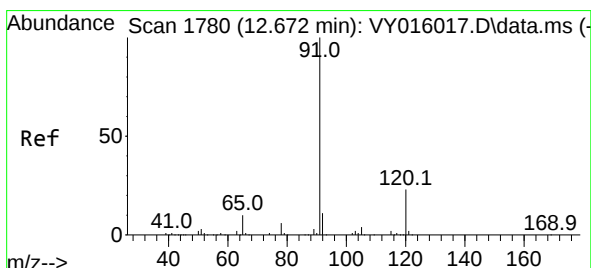
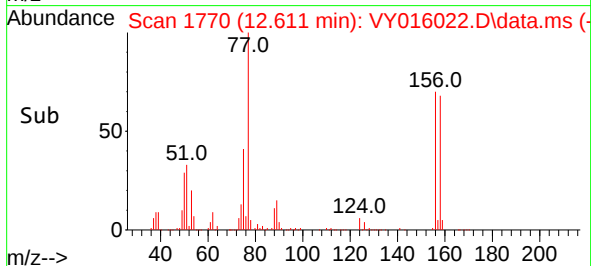
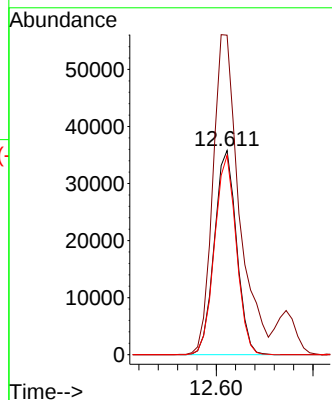
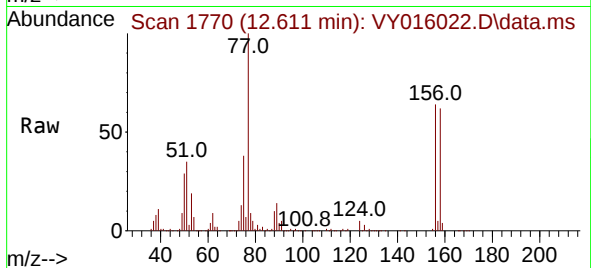
Tgt Ion:	156	Resp:	5699
Ion Ratio	Lower	Upper	
156	100		
77	185.8	92.8	278.6
158	95.7	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#78

n-propylbenzene

Concen: 19.324 ug/l

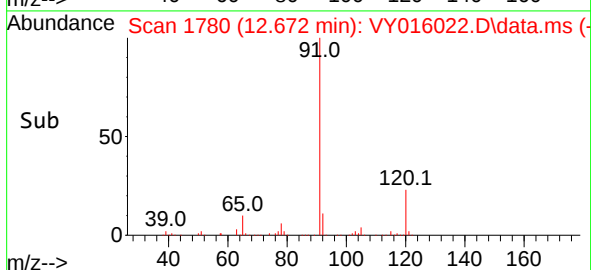
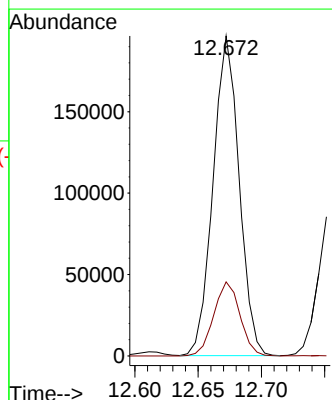
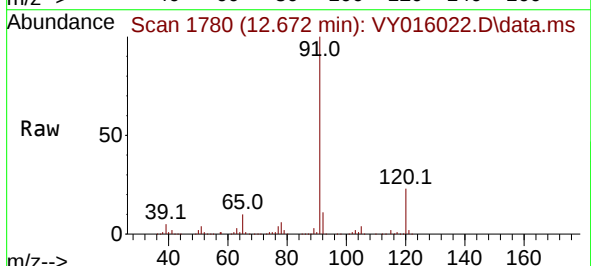
RT: 12.672 min Scan# 1780

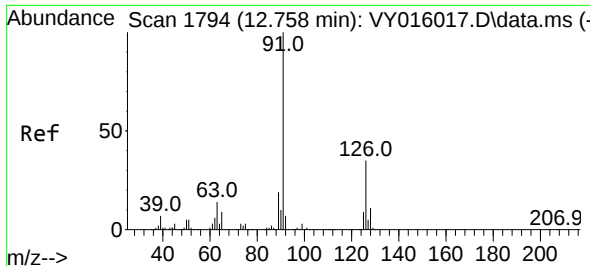
Delta R.T. -0.000 min

Lab File: VY016022.D

Acq: 18 Oct 2023 16:03

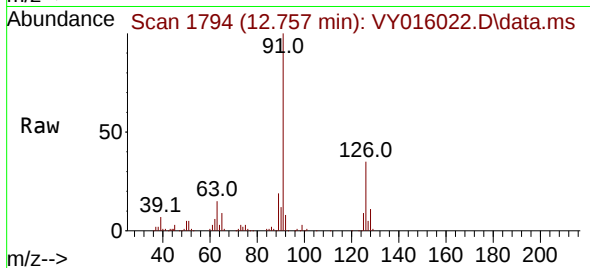
Tgt Ion:	91	Resp:	280796
Ion Ratio	Lower	Upper	
91	100		
120	23.3	11.5	34.4





#79
2-Chlorotoluene
Concen: 19.042 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY016022.D
Acq: 18 Oct 2023 16:03

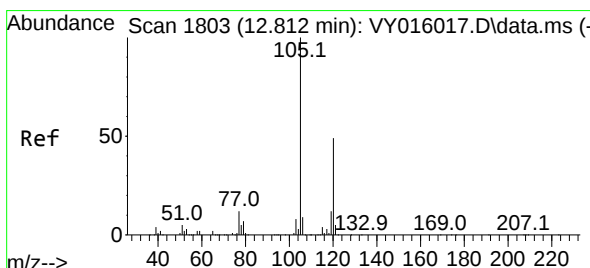
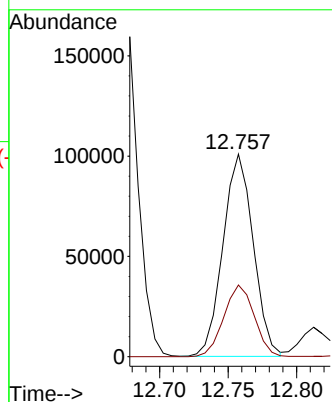
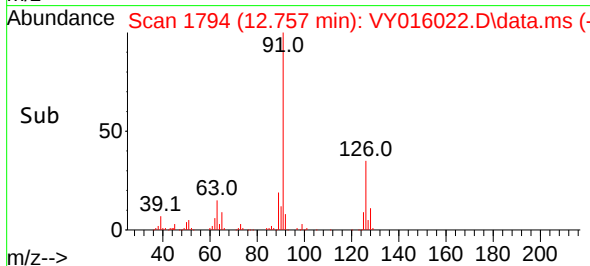
Instrument :
MSVOA_Y
ClientSampleId :
VY1018SBS01



Tgt Ion: 91 Resp: 155310
Ion Ratio Lower Upper
91 100
126 35.6 17.3 51.7

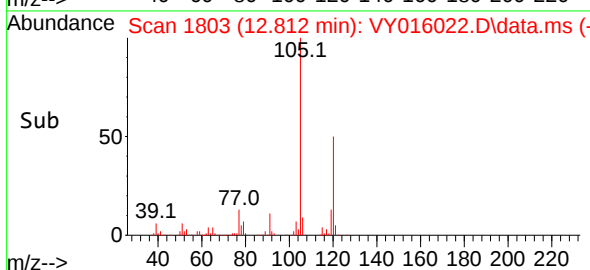
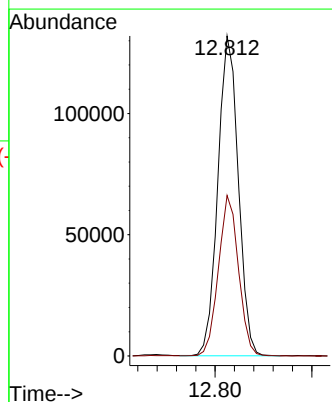
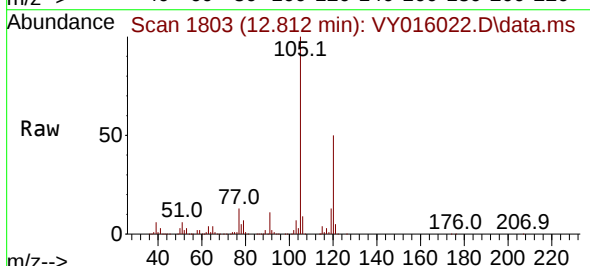
Manual Integrations
APPROVED

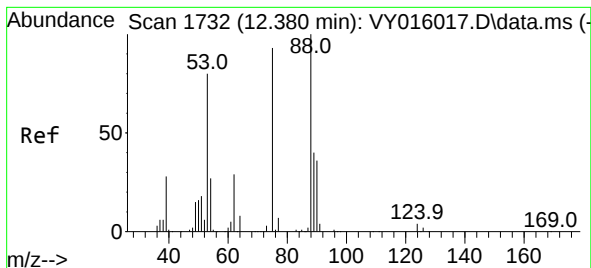
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.309 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY016022.D
Acq: 18 Oct 2023 16:03

Tgt Ion:105 Resp: 192949
Ion Ratio Lower Upper
105 100
120 49.4 23.9 71.7





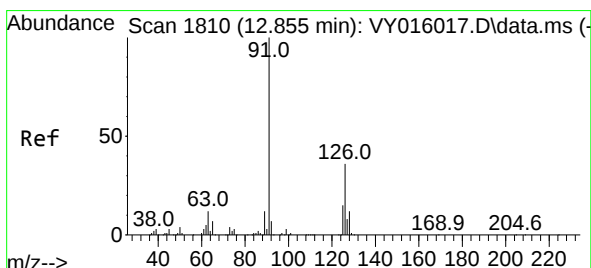
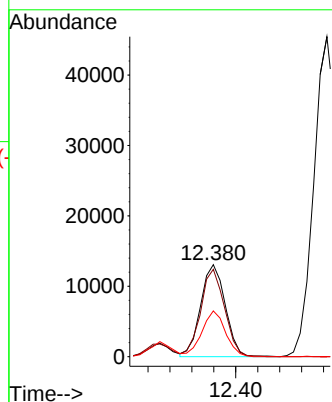
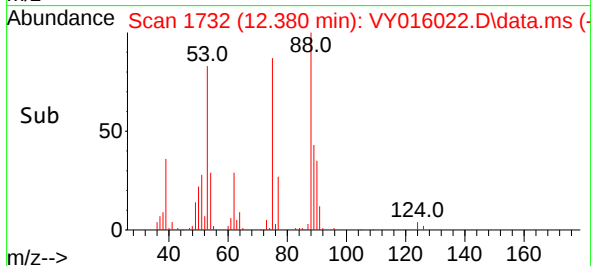
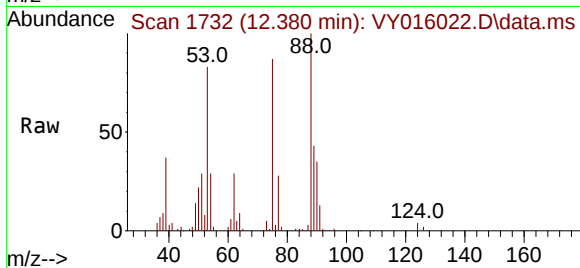
#81
trans-1,4-Dichloro-2-butene
Concen: 19.452 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY016022.D
Acq: 18 Oct 2023 16:03

Instrument :
MSVOA_Y
ClientSampleId :
VY1018SBS01

Tgt Ion: 75 Resp: 20349
Ion Ratio Lower Upper
75 100
53 92.4 77.8 116.8
89 47.9 37.4 56.0

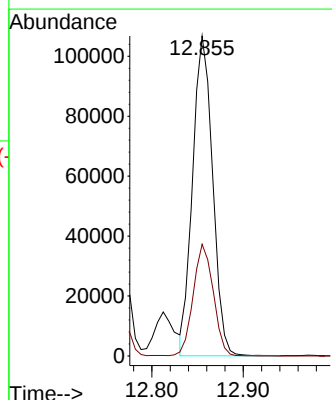
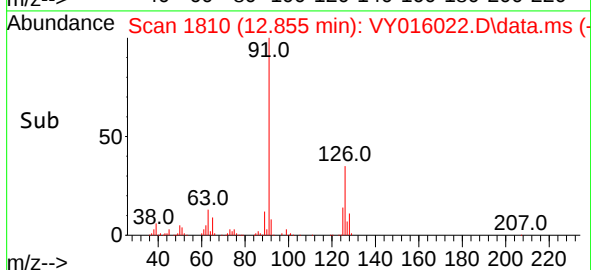
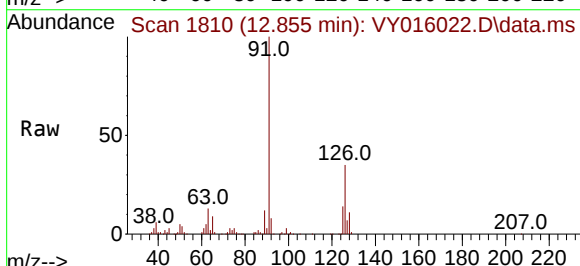
Manual Integrations
APPROVED

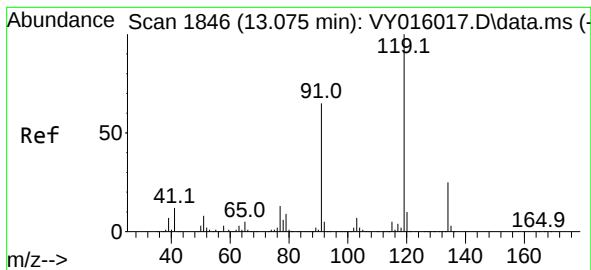
Reviewed By :John Carbone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#82
4-Chlorotoluene
Concen: 19.059 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY016022.D
Acq: 18 Oct 2023 16:03

Tgt Ion: 91 Resp: 162236
Ion Ratio Lower Upper
91 100
126 35.2 17.2 51.6





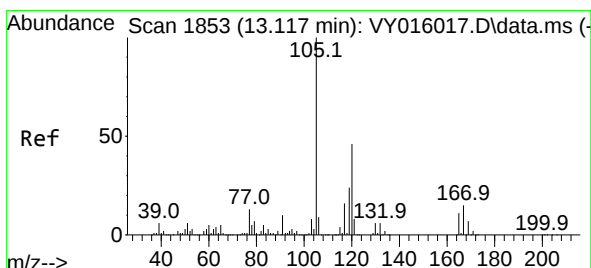
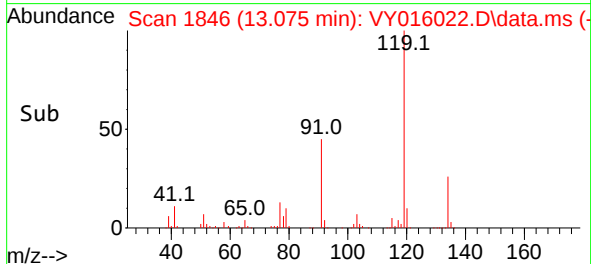
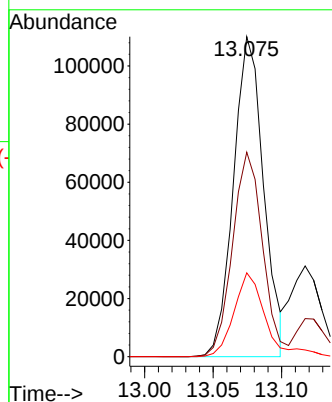
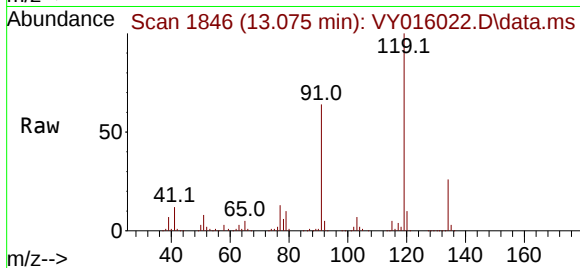
#83
tert-Butylbenzene
Concen: 19.263 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY016022.D
Acq: 18 Oct 2023 16:03

Instrument :
MSVOA_Y
ClientSampleId :
VY1018SBS01

Tgt Ion:119 Resp: 168788
Ion Ratio Lower Upper
119 100
91 63.9 32.9 98.6
134 27.3 13.0 38.9

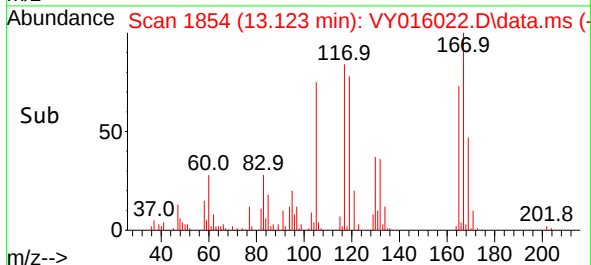
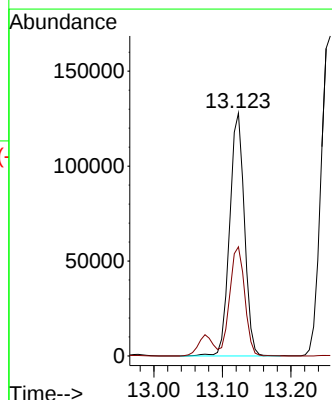
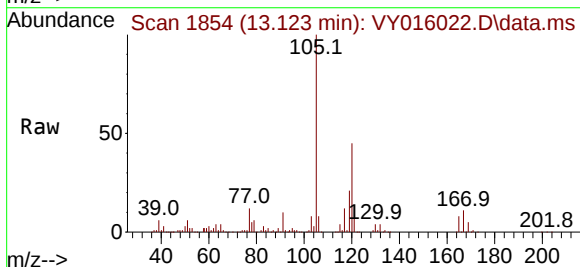
Manual Integrations
APPROVED

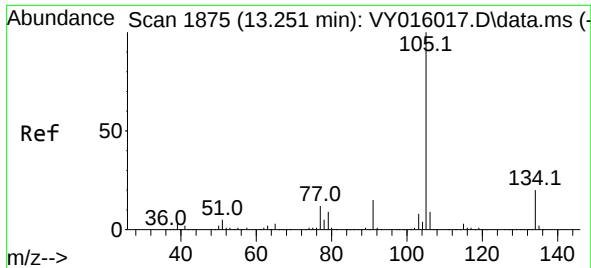
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#84
1,2,4-Trimethylbenzene
Concen: 19.293 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY016022.D
Acq: 18 Oct 2023 16:03

Tgt Ion:105 Resp: 191451
Ion Ratio Lower Upper
105 100
120 45.8 22.2 66.6





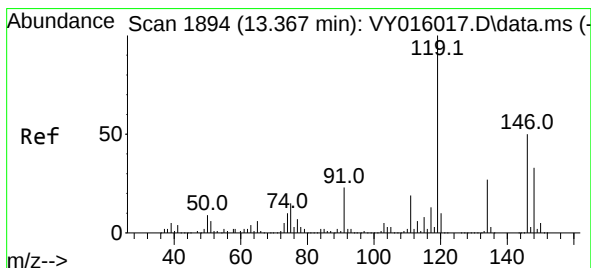
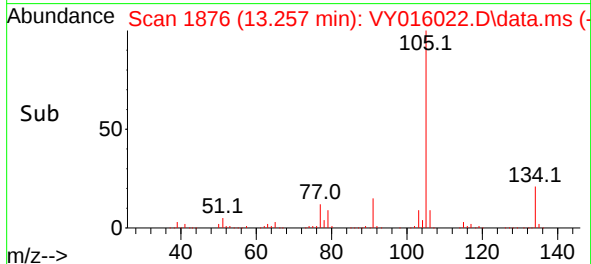
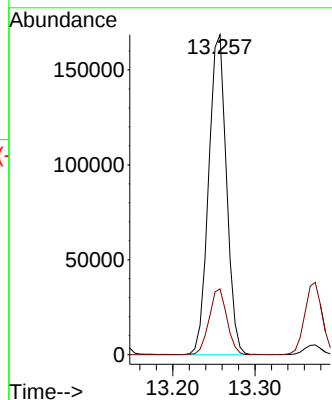
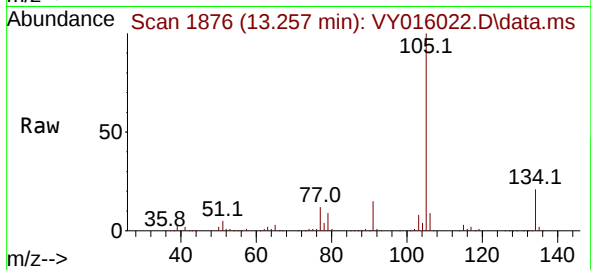
#85
 sec-Butylbenzene
 Concen: 19.410 ug/l
 RT: 13.257 min Scan# 1875
 Delta R.T. 0.006 min
 Lab File: VY016022.D
 Acq: 18 Oct 2023 16:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1018SBS01

Tgt Ion:105 Resp: 254000
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.2 30.6

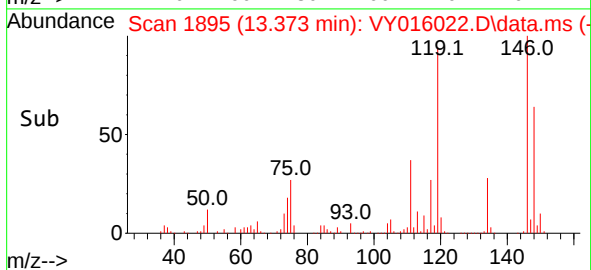
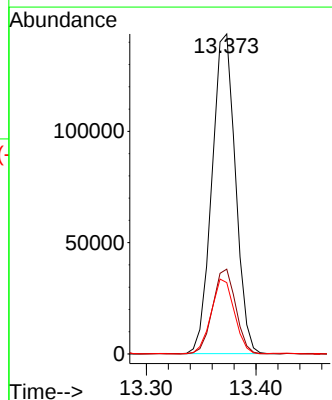
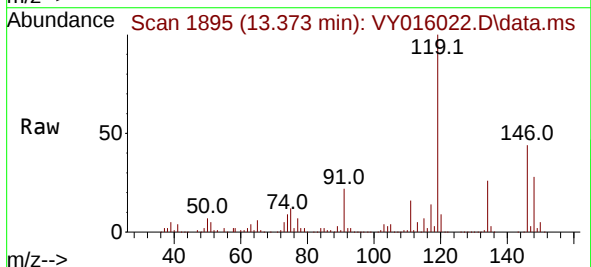
Manual Integrations
 APPROVED

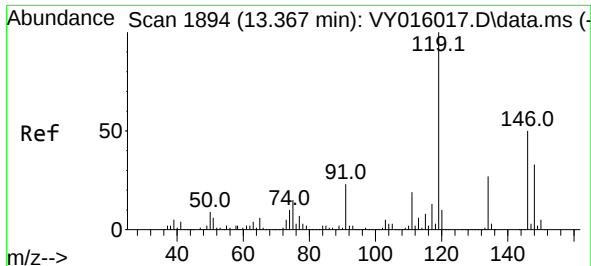
Reviewed By :John Carlone 10/19/2023
 Supervised By :Semsettin Yesilyurt 10/20/2023



#86
 p-Isopropyltoluene
 Concen: 19.537 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY016022.D
 Acq: 18 Oct 2023 16:03

Tgt Ion:119 Resp: 213659
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.3 39.8
 91 23.1 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 19.275 ug/l

RT: 13.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016022.D

Acq: 18 Oct 2023 16:03

Instrument :

MSVOA_Y

ClientSampleId :

VY1018SBS01

Tgt Ion:146 Resp: 10981

Ion Ratio Lower Upper

146 100

111 39.4 19.4 58.2

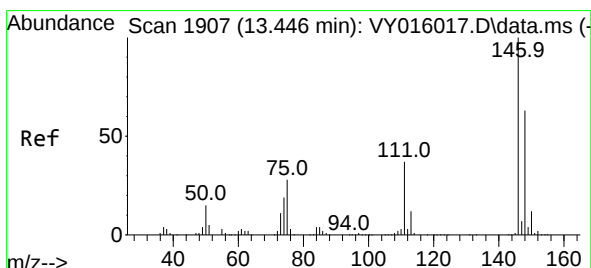
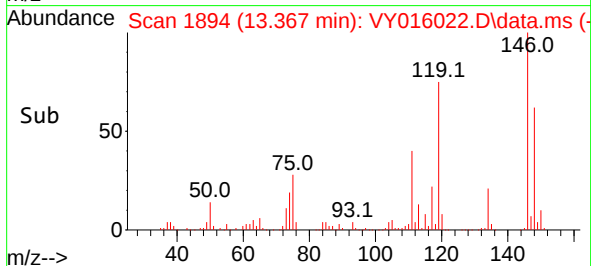
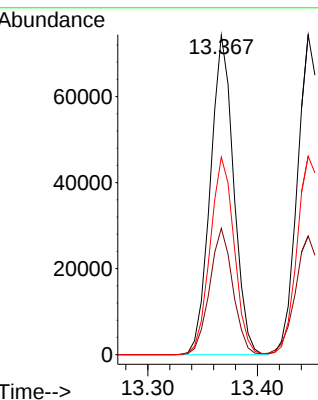
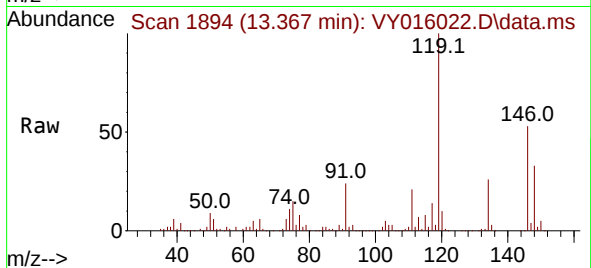
148 63.7 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#88

1,4-Dichlorobenzene

Concen: 19.283 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY016022.D

Acq: 18 Oct 2023 16:03

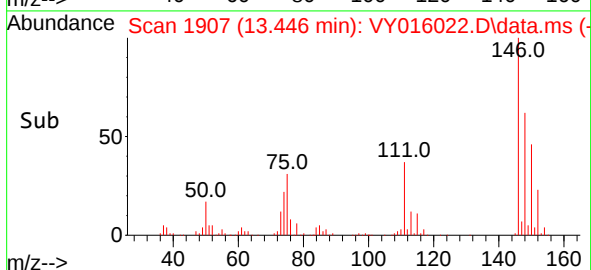
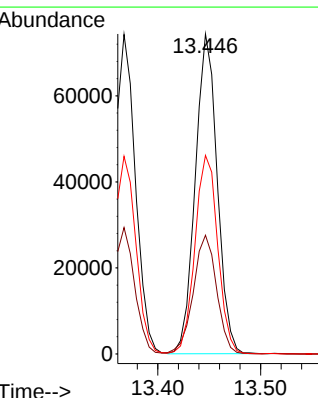
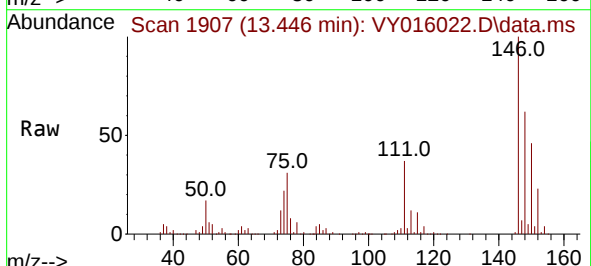
Tgt Ion:146 Resp: 110612

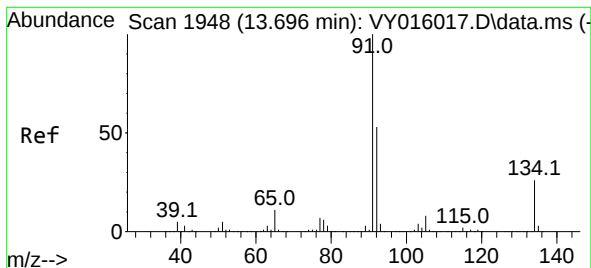
Ion Ratio Lower Upper

146 100

111 39.3 18.9 56.7

148 64.5 32.1 96.5





#89

n-Butylbenzene

Concen: 19.414 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY016022.D

Acq: 18 Oct 2023 16:03

Instrument :

MSVOA_Y

ClientSampleId :

VY1018SBS01

Tgt Ion: 91 Resp: 197650

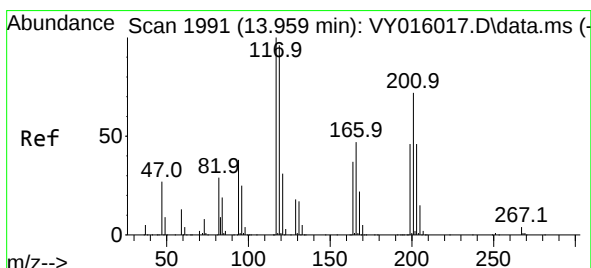
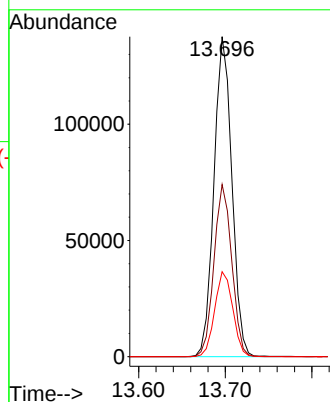
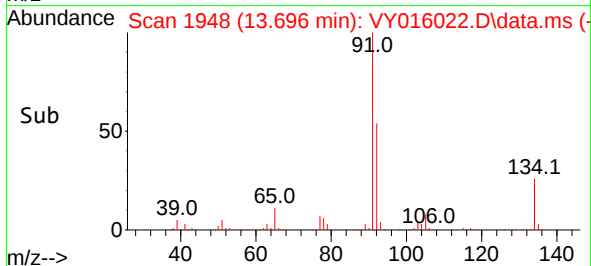
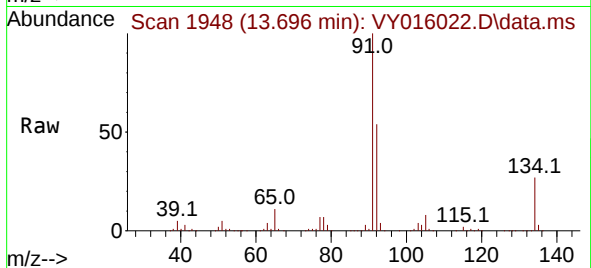
Ion	Ratio	Lower	Upper
91	100		
92	53.5	25.4	76.0
134	26.8	12.6	37.6

Manual Integrations

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Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#90

Hexachloroethane

Concen: 18.786 ug/l

RT: 13.965 min Scan# 1992

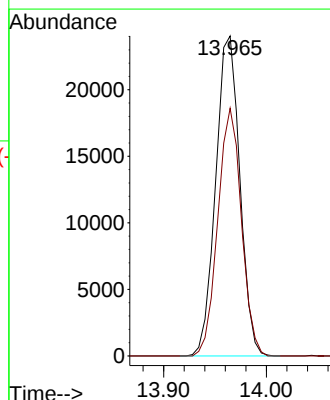
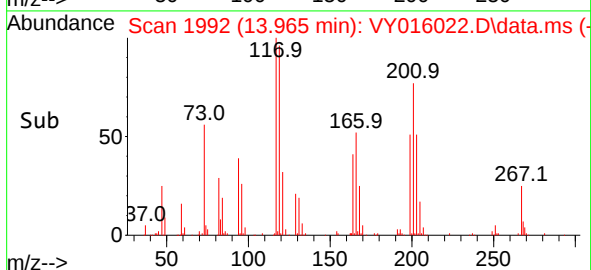
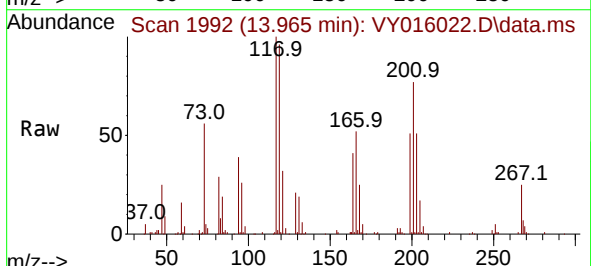
Delta R.T. 0.006 min

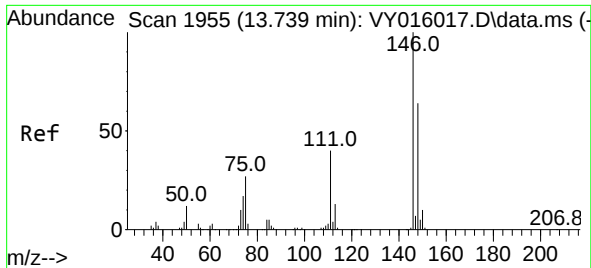
Lab File: VY016022.D

Acq: 18 Oct 2023 16:03

Tgt Ion:117 Resp: 39165

Ion	Ratio	Lower	Upper
117	100		
201	75.6	41.6	124.8





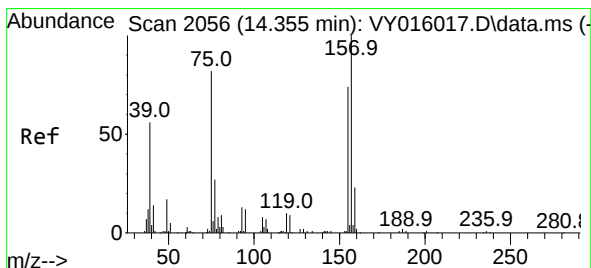
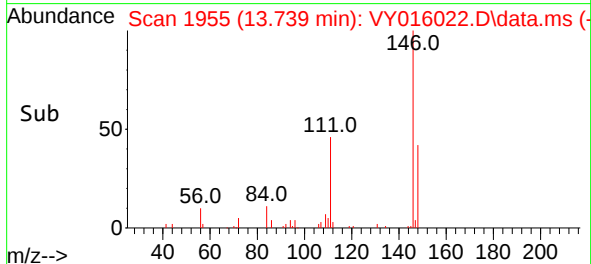
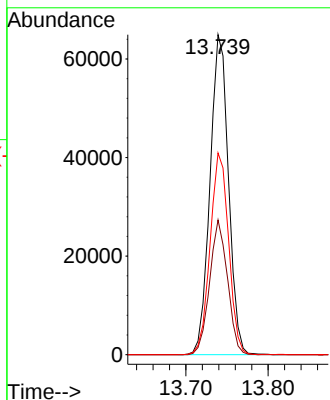
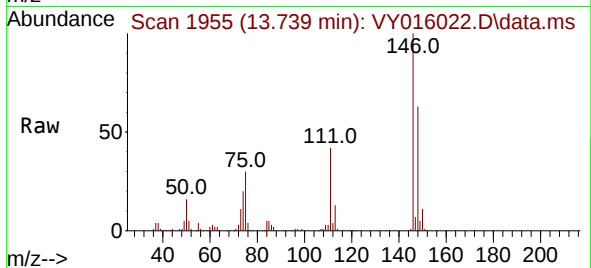
#91
1,2-Dichlorobenzene
Concen: 19.328 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY016022.D
Acq: 18 Oct 2023 16:03

Instrument :
MSVOA_Y
ClientSampleId :
VY1018SBS01

Tgt Ion:146 Resp: 101100
Ion Ratio Lower Upper
146 100
111 40.8 19.7 59.0
148 63.3 32.0 96.2

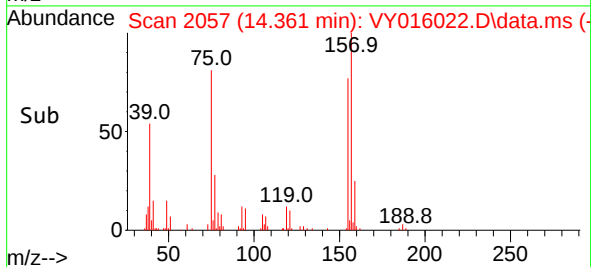
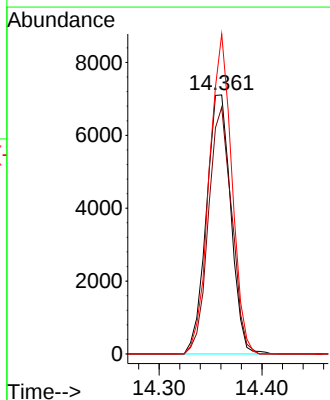
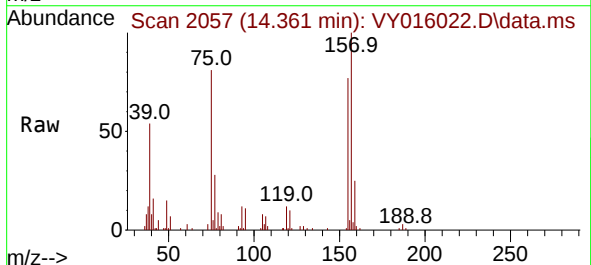
Manual Integrations
APPROVED

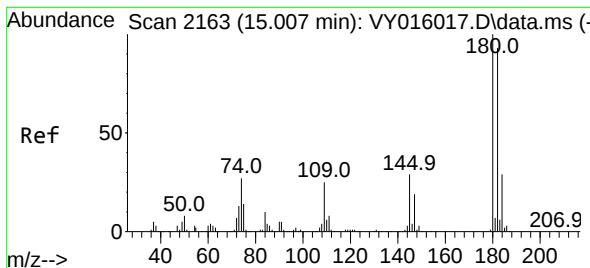
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.413 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY016022.D
Acq: 18 Oct 2023 16:03

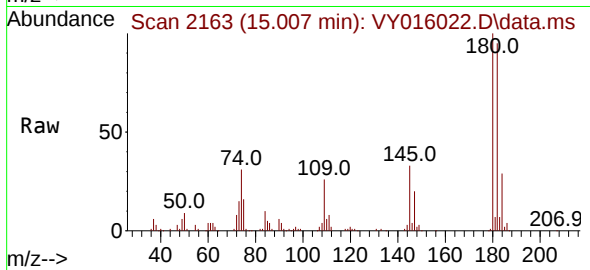
Tgt Ion: 75 Resp: 11741
Ion Ratio Lower Upper
75 100
155 90.7 41.5 124.6
157 114.2 51.8 155.5





#93
1,2,4-Trichlorobenzene
Concen: 19.097 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. -0.000 min
Lab File: VY016022.D
Acq: 18 Oct 2023 16:03

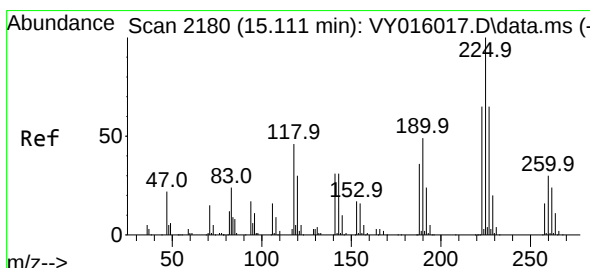
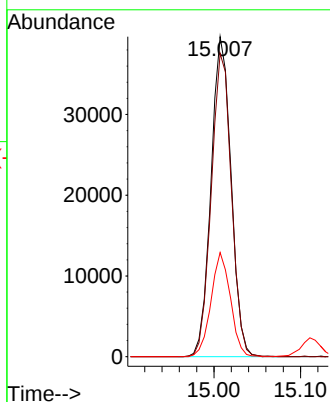
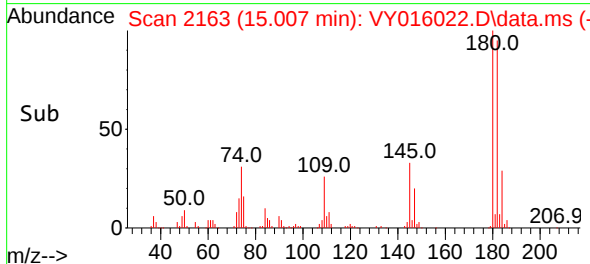
Instrument :
MSVOA_Y
ClientSampleId :
VY1018SBS01



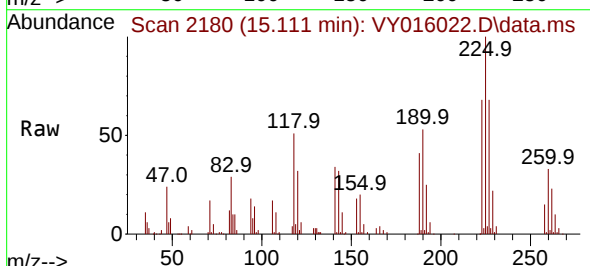
Tgt Ion:180 Resp: 63640
Ion Ratio Lower Upper
180 100
182 95.2 47.0 141.2
145 31.5 14.5 43.5

Manual Integrations
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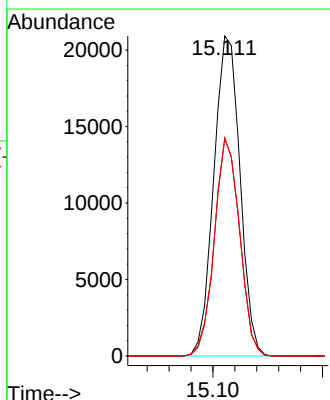
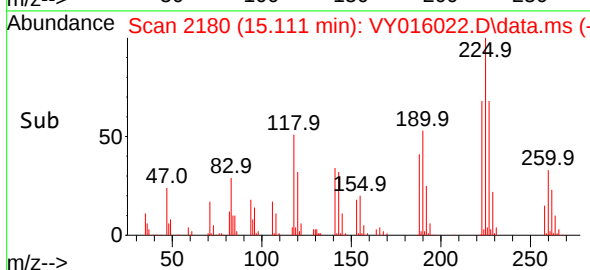
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

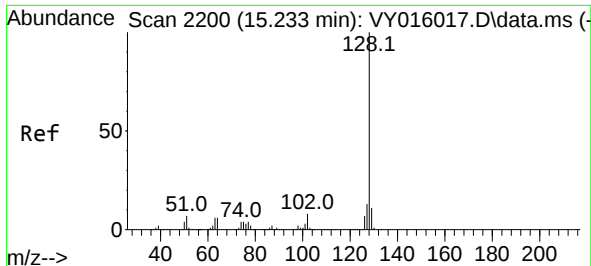


#94
Hexachlorobutadiene
Concen: 19.196 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY016022.D
Acq: 18 Oct 2023 16:03



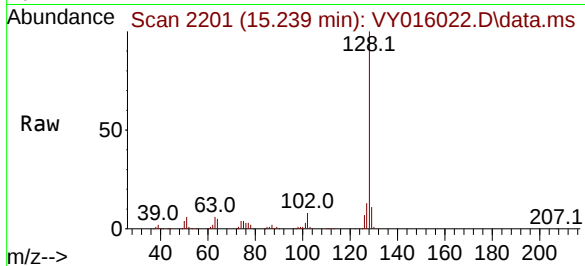
Tgt Ion:225 Resp: 34744
Ion Ratio Lower Upper
225 100
223 65.4 31.9 95.9
227 65.2 33.0 98.9





#95
Naphthalene
Concen: 19.832 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY016022.D
Acq: 18 Oct 2023 16:03

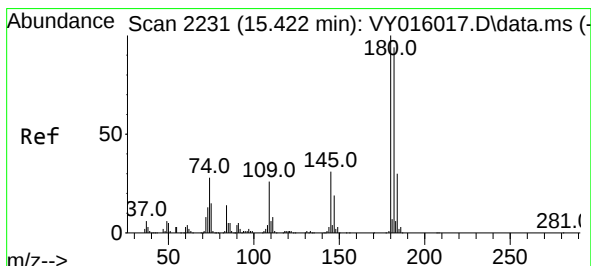
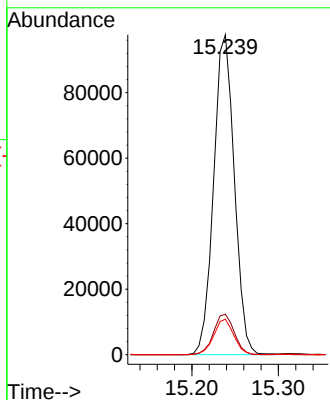
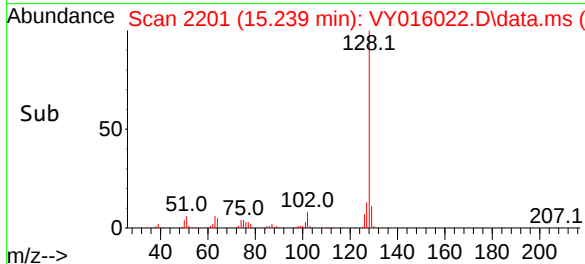
Instrument :
MSVOA_Y
ClientSampleId :
VY1018SBS01



Tgt Ion:128 Resp: 162208
Ion Ratio Lower Upper
128 100
127 12.7 10.8 16.2
129 10.8 8.6 13.0

Manual Integrations
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Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#96
1,2,3-Trichlorobenzene
Concen: 19.371 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.006 min
Lab File: VY016022.D
Acq: 18 Oct 2023 16:03

Tgt Ion:180 Resp: 58963
Ion Ratio Lower Upper
180 100
182 94.3 47.3 141.8
145 32.4 15.4 46.2

