

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101823\
 Data File : VY016016.D
 Acq On : 18 Oct 2023 12:17
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Quant Time: Oct 19 02:55:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 19 02:50:45 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	208702	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	337745	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	309631	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	159559	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	48010	20.240	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	40.480%#		
35) Dibromofluoromethane	7.716	113	44989	20.237	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	40.480%#		
50) Toluene-d8	10.179	98	163898	20.300	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	40.600%#		
62) 4-Bromofluorobenzene	12.483	95	58760	20.397	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	40.800%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	33708	19.542	ug/l	99
3) Chloromethane	2.113	50	44652	20.502	ug/l	98
4) Vinyl Chloride	2.247	62	50191	20.533	ug/l	96
5) Bromomethane	2.631	94	36571	20.510	ug/l	95
6) Chloroethane	2.784	64	33444	21.278	ug/l	94
7) Trichlorofluoromethane	3.119	101	75193	20.214	ug/l	97
8) Diethyl Ether	3.528	74	26516	20.176	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.893	101	42757	19.982	ug/l	98
10) Methyl Iodide	4.088	142	56946	20.381	ug/l	97
11) Tert butyl alcohol	4.960	59	35653	97.369	ug/l #	87
12) 1,1-Dichloroethene	3.869	96	40250	20.103	ug/l	89
13) Acrolein	3.729	56	28465	104.474	ug/l	100
14) Allyl chloride	4.479	41	63124	20.163	ug/l	96
15) Acrylonitrile	5.161	53	70838	90.350	ug/l	98
16) Acetone	3.948	43	76984	87.553	ug/l	93
17) Carbon Disulfide	4.192	76	117708	20.068	ug/l	99
18) Methyl Acetate	4.479	43	53524	17.686	ug/l	91
19) Methyl tert-butyl Ether	5.222	73	127012	19.664	ug/l	100
20) Methylene Chloride	4.710	84	52696	20.173	ug/l	90
21) trans-1,2-Dichloroethene	5.222	96	46742	20.048	ug/l	93
22) Diisopropyl ether	6.119	45	138296	20.287	ug/l	95
23) Vinyl Acetate	6.064	43	409922	96.938	ug/l #	93
24) 1,1-Dichloroethane	6.015	63	82877	20.493	ug/l	96
25) 2-Butanone	6.990	43	106244	88.214	ug/l	95
26) 2,2-Dichloropropane	6.984	77	73317	20.149	ug/l	97
27) cis-1,2-Dichloroethene	6.990	96	54864	20.432	ug/l	92
28) Bromochloromethane	7.332	49	35227	20.367	ug/l	89
29) Tetrahydrofuran	7.350	42	64049	87.857	ug/l	91
30) Chloroform	7.509	83	88622	20.437	ug/l	99
31) Cyclohexane	7.789	56	73804	19.879	ug/l #	85
32) 1,1,1-Trichloroethane	7.704	97	78692	20.282	ug/l	98
36) 1,1-Dichloropropene	7.923	75	66318	19.828	ug/l	99
37) Ethyl Acetate	7.070	43	42738	17.727	ug/l #	94
38) Carbon Tetrachloride	7.899	117	70570	19.852	ug/l	97
39) Methylcyclohexane	9.185	83	83750	20.037	ug/l	92
40) Benzene	8.161	78	191216	20.285	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	23101m	19.031	ug/l	
42) 1,2-Dichloroethane	8.234	62	60360	19.878	ug/l	95
43) Isopropyl Acetate	8.277	43	76466	18.141	ug/l	94
44) Trichloroethene	8.941	130	53096	20.089	ug/l	97
45) 1,2-Dichloropropane	9.216	63	47958	20.329	ug/l	94
46) Dibromomethane	9.307	93	30324	19.362	ug/l	97
47) Bromodichloromethane	9.496	83	69223	20.166	ug/l	99
48) Methyl methacrylate	9.295	41	34094	17.770	ug/l	88
49) 1,4-Dioxane	9.301	88	8364	335.384	ug/l #	48
51) 4-Methyl-2-Pentanone	10.069	43	217461	89.715	ug/l	92
52) Toluene	10.246	92	124120	20.300	ug/l	93
53) t-1,3-Dichloropropene	10.465	75	72661	19.540	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	80338	19.820	ug/l	93
55) 1,1,2-Trichloroethane	10.642	97	42732	19.860	ug/l	95
56) Ethyl methacrylate	10.514	69	59179	18.820	ug/l #	87
57) 1,3-Dichloropropane	10.788	76	71412	19.564	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	145180	96.122	ug/l	94
59) 2-Hexanone	10.831	43	162251	87.980	ug/l	89
60) Dibromochloromethane	10.984	129	51564	19.816	ug/l	99
61) 1,2-Dibromoethane	11.093	107	42095	19.224	ug/l	98
64) Tetrachloroethene	10.721	164	47457	19.766	ug/l	96
65) Chlorobenzene	11.514	112	134488	20.056	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	50488	19.976	ug/l	99
67) Ethyl Benzene	11.593	91	239531	20.187	ug/l	99
68) m/p-Xylenes	11.703	106	188641	40.769	ug/l	94
69) o-Xylene	12.026	106	89136	20.250	ug/l	96
70) Styrene	12.044	104	152655	20.348	ug/l	96
71) Bromoform	12.209	173	33991	19.113	ug/l #	99
73) Isopropylbenzene	12.331	105	237764	19.921	ug/l	100
74) N-amyl acetate	12.142	43	69538	18.446	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	55994	18.731	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	41110m	18.265	ug/l	
77) Bromobenzene	12.611	156	57135	19.722	ug/l	100
78) n-propylbenzene	12.672	91	293107	20.388	ug/l	100
79) 2-Chlorotoluene	12.758	91	163304	20.238	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	201509	20.383	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	18336	17.717	ug/l	94
82) 4-Chlorotoluene	12.855	91	171772	20.397	ug/l	98
83) tert-Butylbenzene	13.075	119	175965	20.299	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	200082	20.381	ug/l	97
85) sec-Butylbenzene	13.251	105	265727	20.524	ug/l	100
86) p-Isopropyltoluene	13.367	119	221352	20.458	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	114179	20.257	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	115715	20.390	ug/l	99
89) n-Butylbenzene	13.696	91	206568	20.508	ug/l	97
90) Hexachloroethane	13.959	117	41717	20.226	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	104347	20.163	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	10435	18.338	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	64756	19.642	ug/l	97
94) Hexachlorobutadiene	15.111	225	36925	20.620	ug/l	98
95) Naphthalene	15.233	128	145427	17.972	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	58211	19.330	ug/l	98

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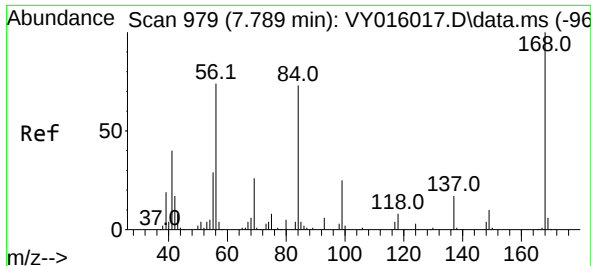
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

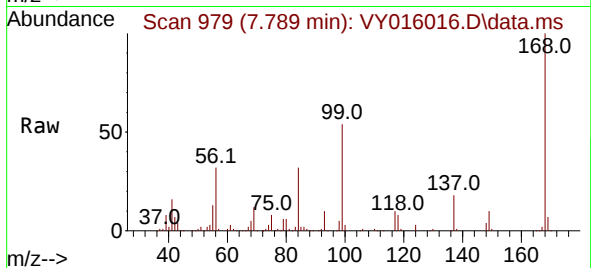
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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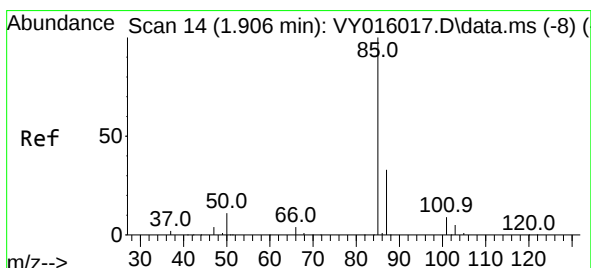
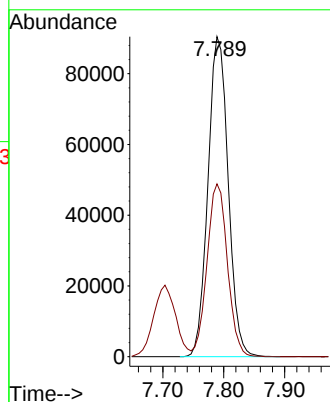
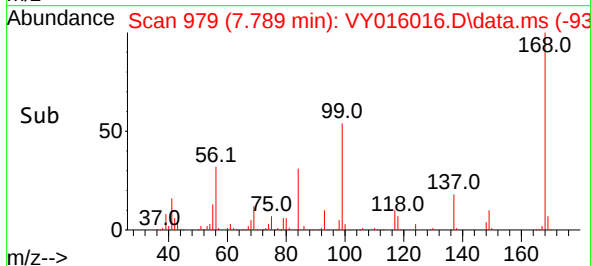
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion:168 Resp: 20870
Ion Ratio Lower Upper
168 100
99 54.0 43.4 65.0

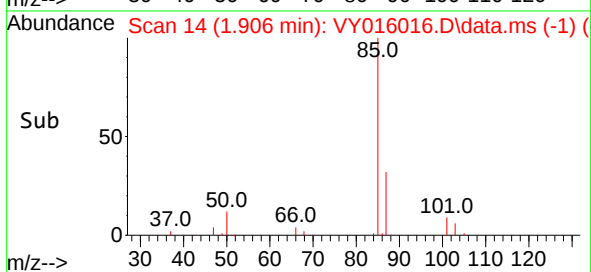
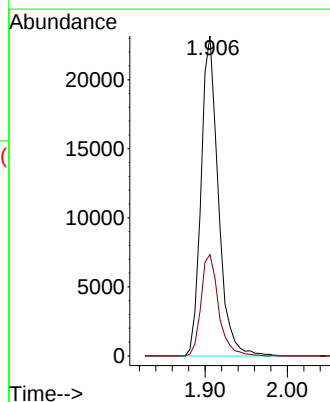
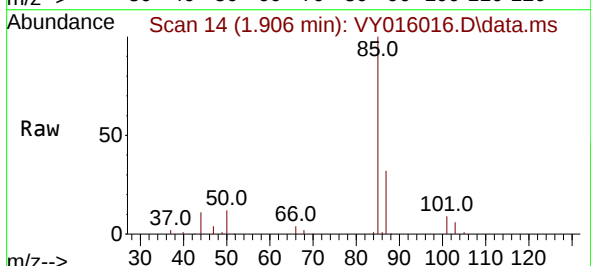
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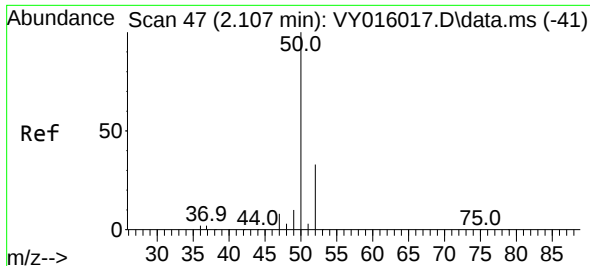
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#2
Dichlorodifluoromethane
Concen: 19.542 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY016016.D
Acq: 18 Oct 2023 12:17

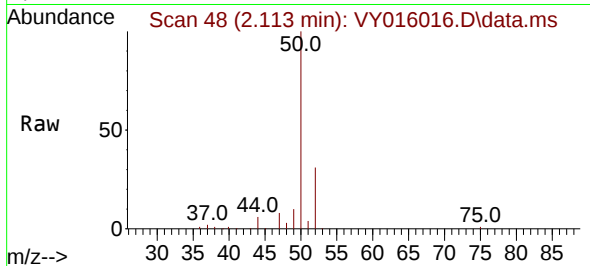
Tgt Ion: 85 Resp: 33708
Ion Ratio Lower Upper
85 100
87 31.7 15.6 46.8





#3
Chloromethane
Concen: 20.502 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY016016.D
Acq: 18 Oct 2023 12:17

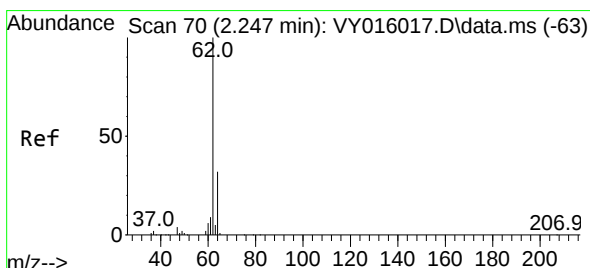
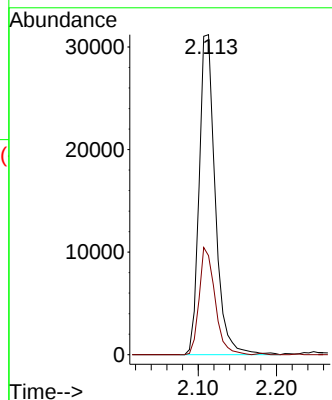
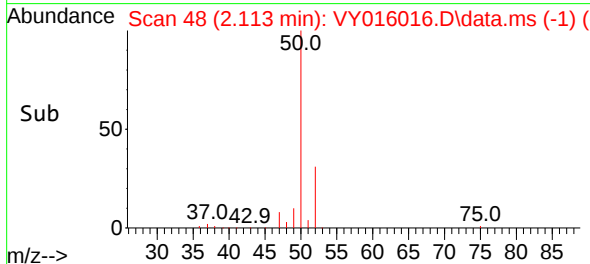
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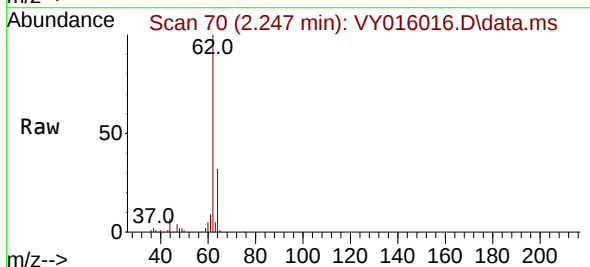
Tgt Ion: 50 Resp: 44652
Ion Ratio Lower Upper
50 100
52 31.0 25.4 38.2

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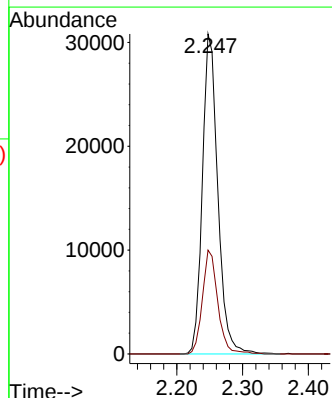
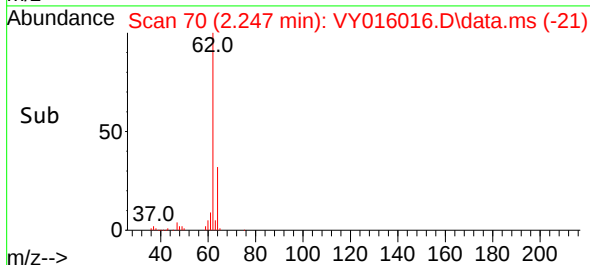
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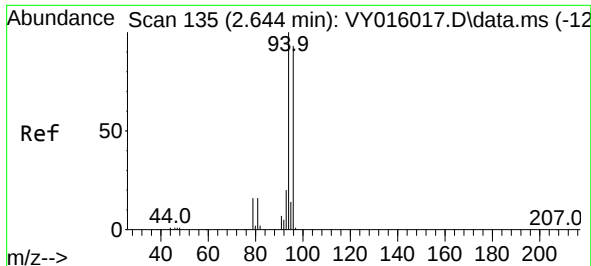


#4
Vinyl Chloride
Concen: 20.533 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY016016.D
Acq: 18 Oct 2023 12:17



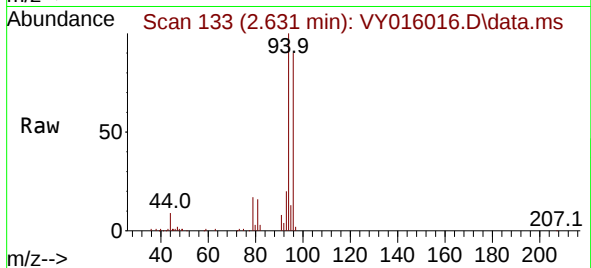
Tgt Ion: 62 Resp: 50191
Ion Ratio Lower Upper
62 100
64 32.4 24.3 36.5





#5
Bromomethane
Concen: 20.510 ug/l
RT: 2.631 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY016016.D
Acq: 18 Oct 2023 12:17

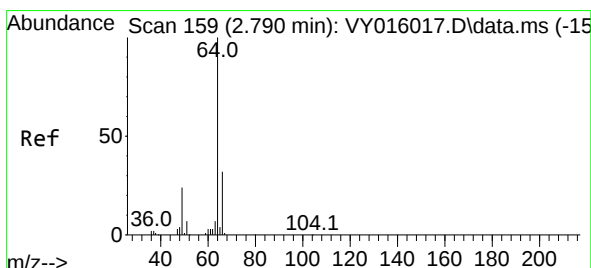
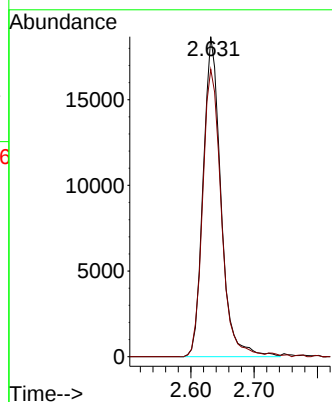
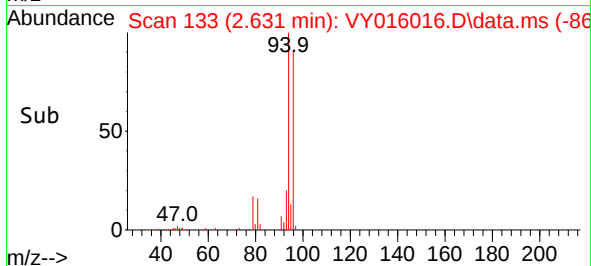
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Tgt Ion: 94 Resp: 3657
Ion Ratio Lower Upper
94 100
96 89.8 75.8 113.6

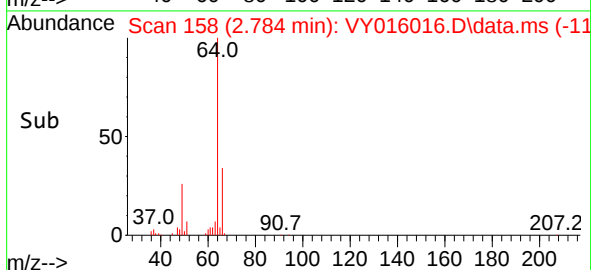
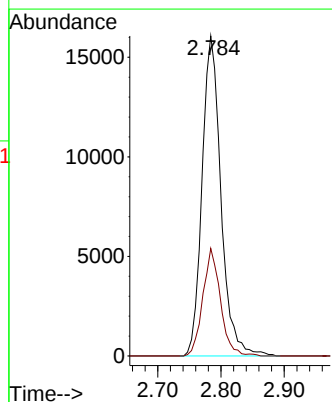
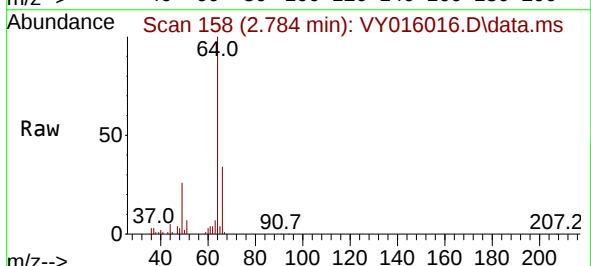
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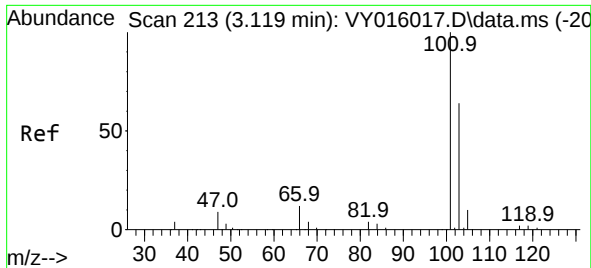
Reviewed By :John Carlone 10/19/2023
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#6
Chloroethane
Concen: 21.278 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.006 min
Lab File: VY016016.D
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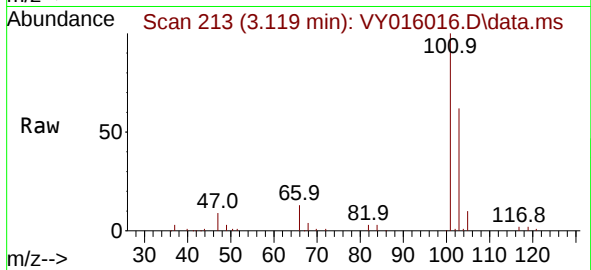
Tgt Ion: 64 Resp: 33444
Ion Ratio Lower Upper
64 100
66 33.6 24.4 36.6





#7
Trichlorofluoromethane
Concen: 20.214 ug/l
RT: 3.119 min Scan# 213
Delta R.T. 0.000 min
Lab File: VY016016.D
Acq: 18 Oct 2023 12:17

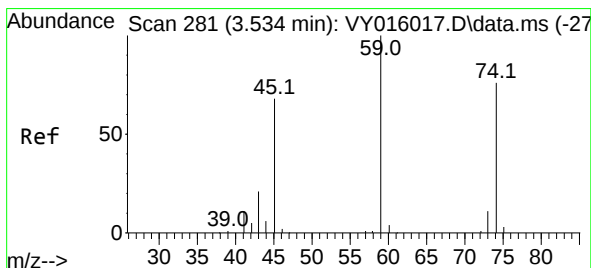
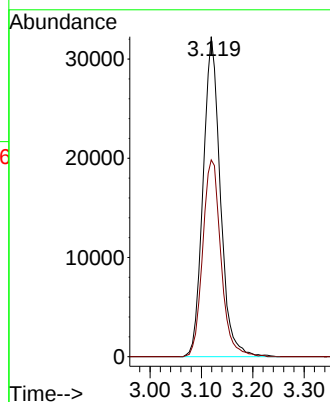
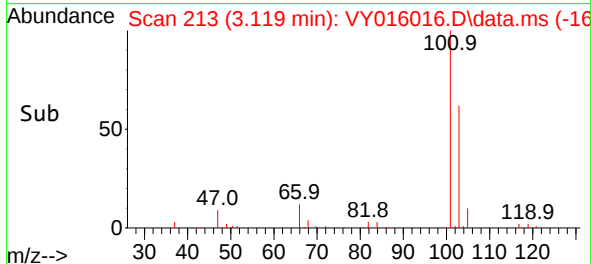
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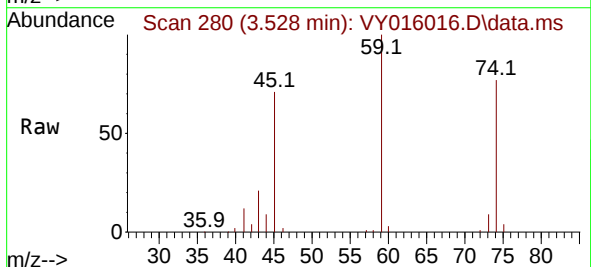
Tgt Ion:101 Resp: 7519
Ion Ratio Lower Upper
101 100
103 61.5 51.4 77.0

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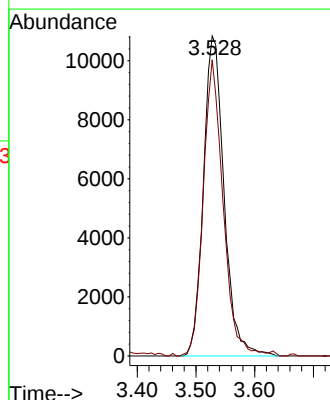
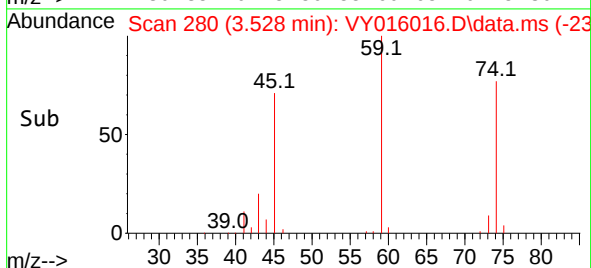
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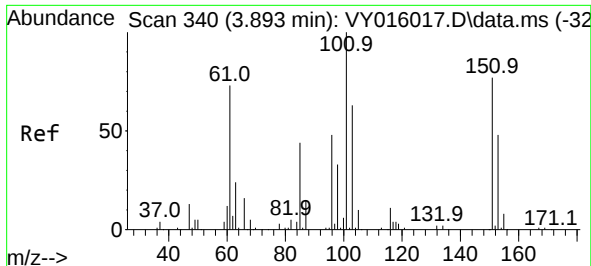


#8
Diethyl Ether
Concen: 20.176 ug/l
RT: 3.528 min Scan# 280
Delta R.T. -0.006 min
Lab File: VY016016.D
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Tgt Ion: 74 Resp: 26516
Ion Ratio Lower Upper
74 100
45 88.7 51.5 154.5





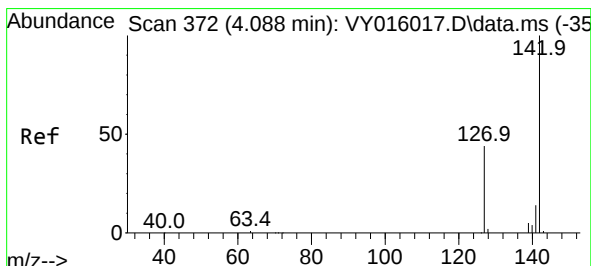
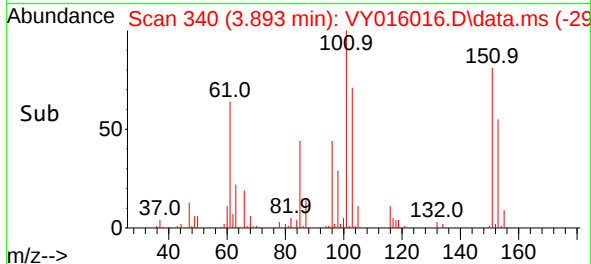
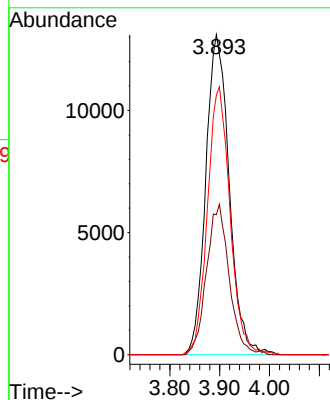
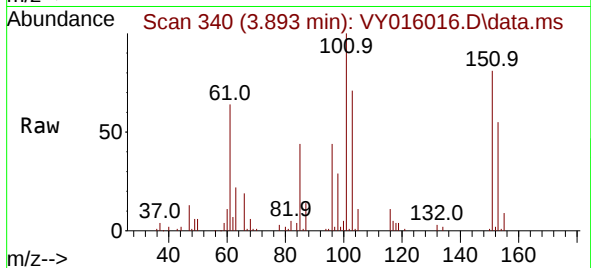
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.982 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY016016.D
Acq: 18 Oct 2023 12:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 4275
Ion Ratio Lower Upper
101 100
85 45.1 36.6 55.0
151 80.9 67.0 100.6

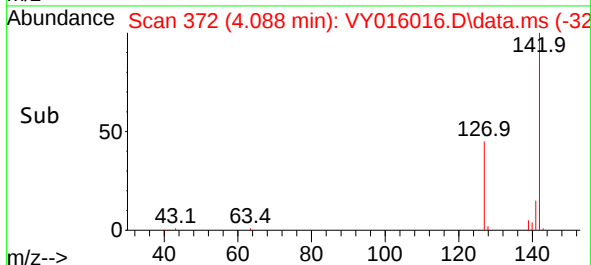
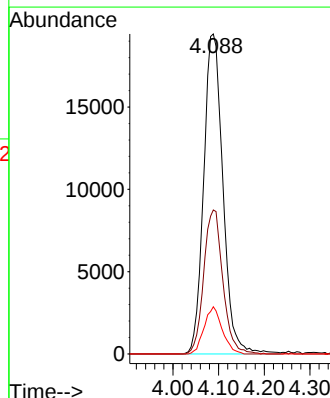
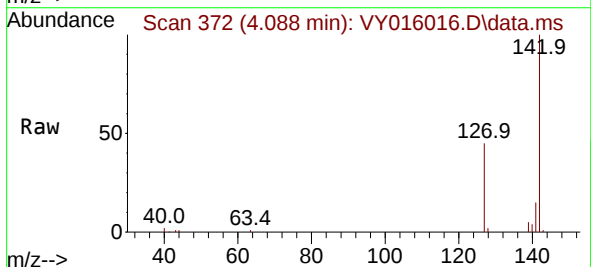
Manual Integrations
APPROVED

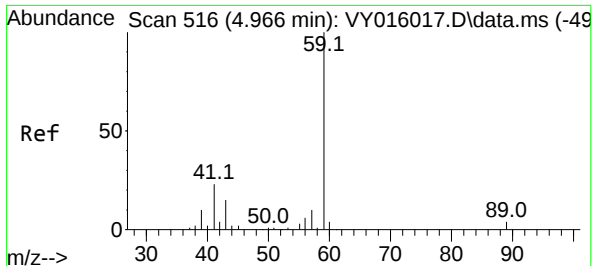
Reviewed By :John Carbone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#10
Methyl Iodide
Concen: 20.381 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY016016.D
Acq: 18 Oct 2023 12:17

Tgt Ion:142 Resp: 56946
Ion Ratio Lower Upper
142 100
127 44.6 37.6 56.4
141 13.9 11.8 17.8





#11

Tert butyl alcohol

Concen: 97.369 ug/l

RT: 4.960 min Scan# 516

Delta R.T. -0.006 min

Lab File: VY016016.D

Acq: 18 Oct 2023 12:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 59 Resp: 3565

Ion Ratio Lower Upper

59 100

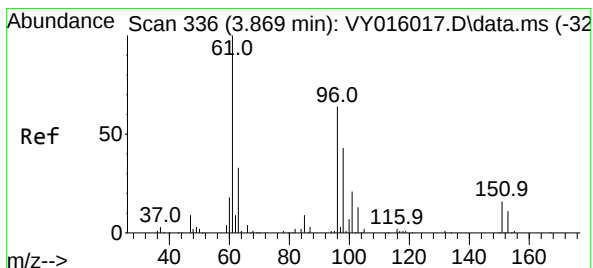
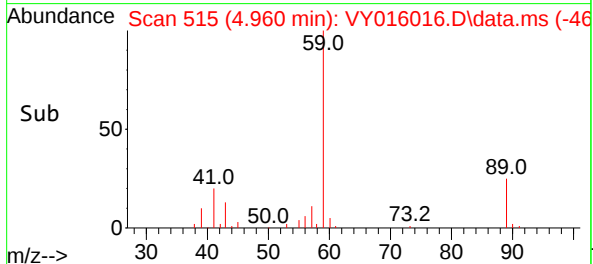
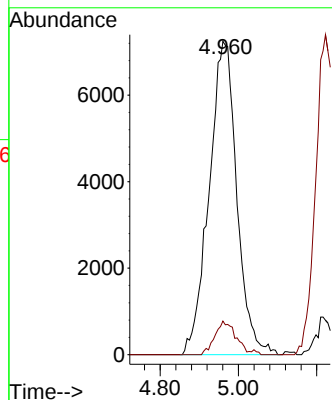
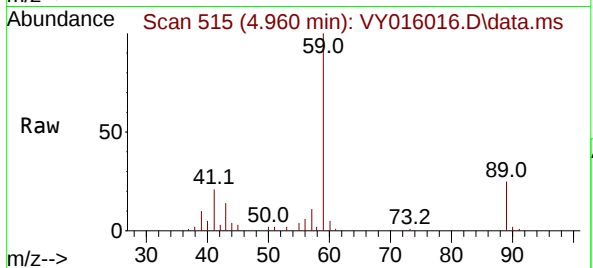
57 8.1 3.0 4.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#12

1,1-Dichloroethene

Concen: 20.103 ug/l

RT: 3.869 min Scan# 336

Delta R.T. 0.000 min

Lab File: VY016016.D

Acq: 18 Oct 2023 12:17

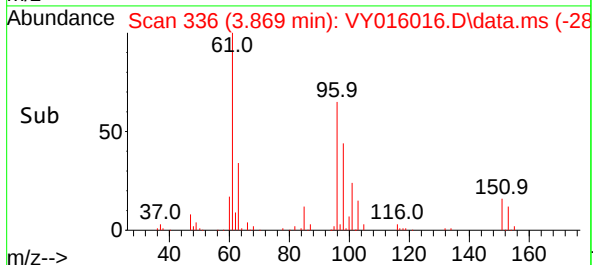
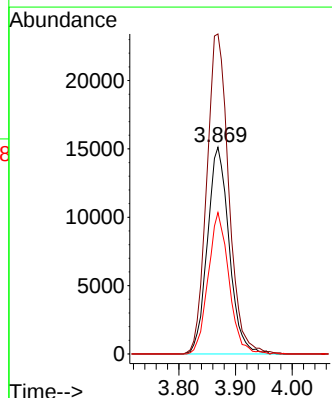
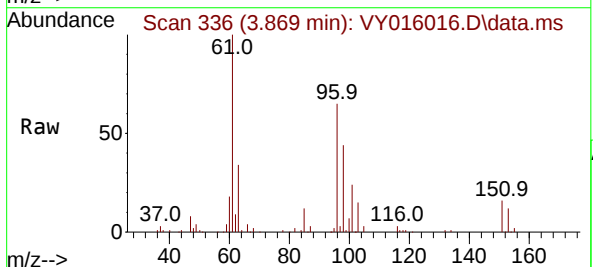
Tgt Ion: 96 Resp: 40250

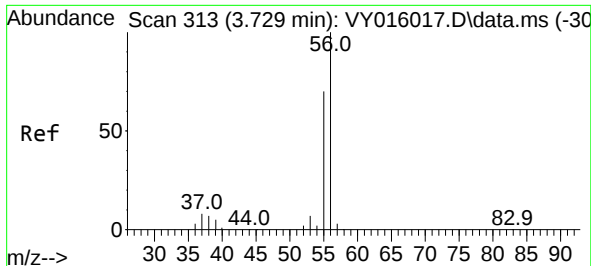
Ion Ratio Lower Upper

96 100

61 154.8 136.4 204.6

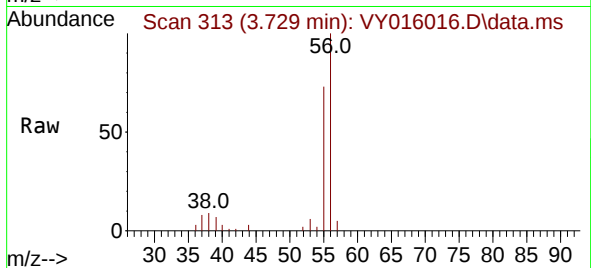
98 68.4 49.4 74.2





#13
Acrolein
Concen: 104.474 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY016016.D
Acq: 18 Oct 2023 12:17

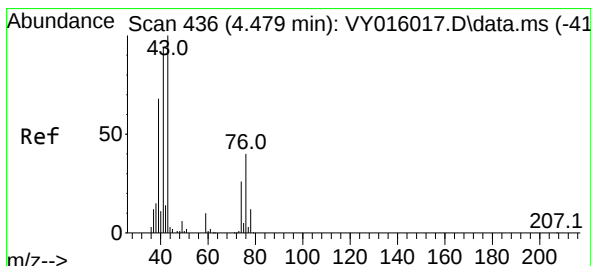
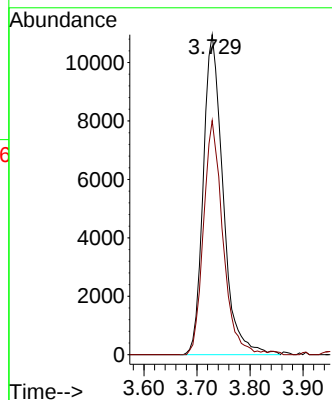
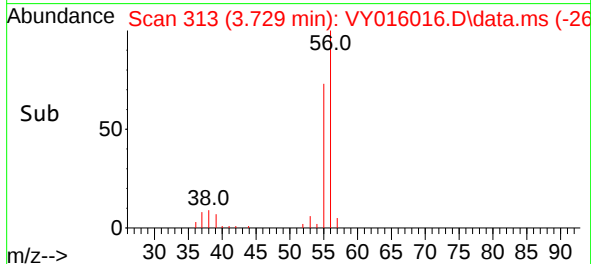
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 56 Resp: 2846
Ion Ratio Lower Upper
56 100
55 71.6 57.0 85.4

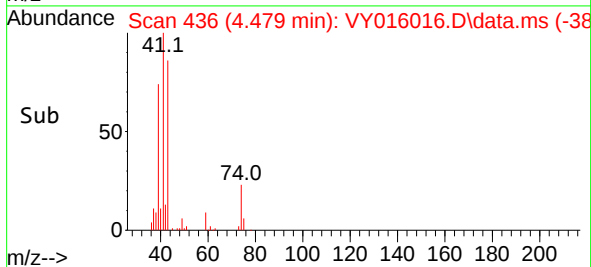
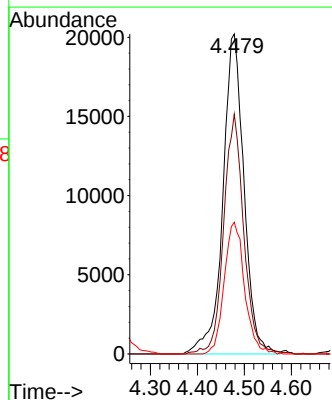
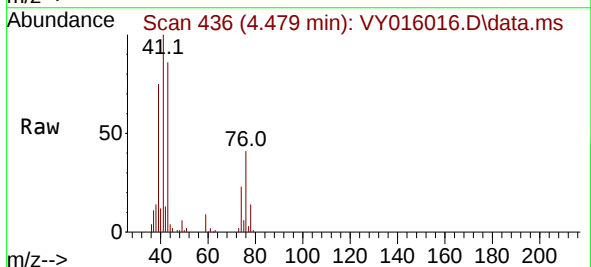
Manual Integrations
APPROVED

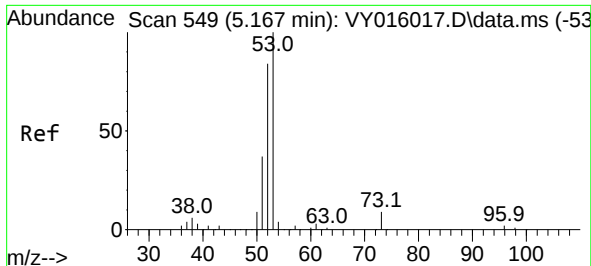
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#14
Allyl chloride
Concen: 20.163 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY016016.D
Acq: 18 Oct 2023 12:17

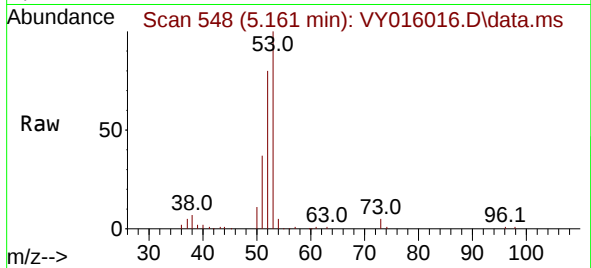
Tgt Ion: 41 Resp: 63124
Ion Ratio Lower Upper
41 100
39 71.5 58.0 87.0
76 39.7 27.4 41.2





#15
Acrylonitrile
Concen: 90.350 ug/l
RT: 5.161 min Scan# 549
Delta R.T. -0.006 min
Lab File: VY016016.D
Acq: 18 Oct 2023 12:17

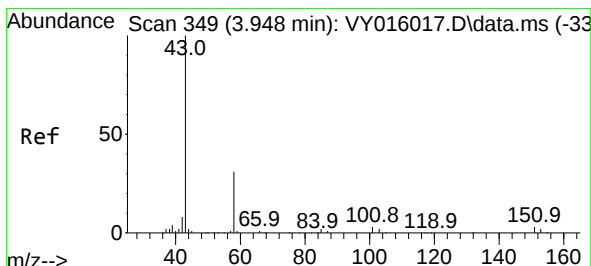
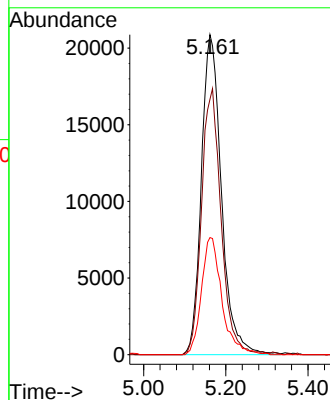
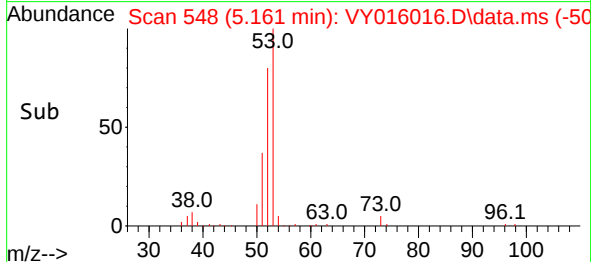
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 53 Resp: 70838
Ion Ratio Lower Upper
53 100
52 81.0 66.9 100.3
51 37.4 29.8 44.6

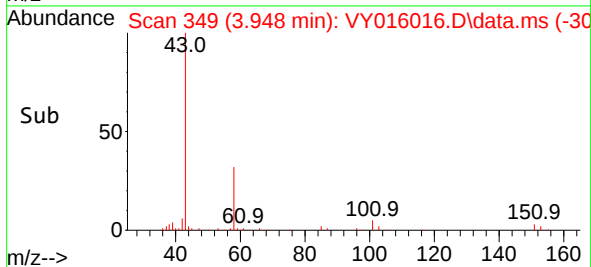
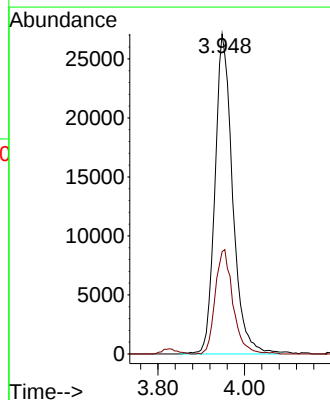
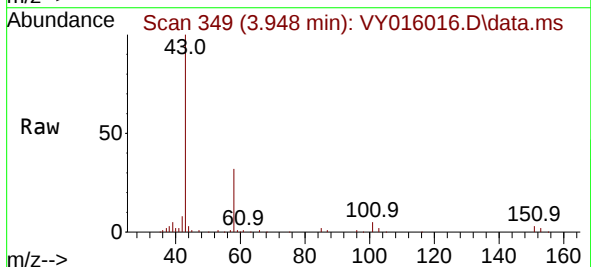
Manual Integrations
APPROVED

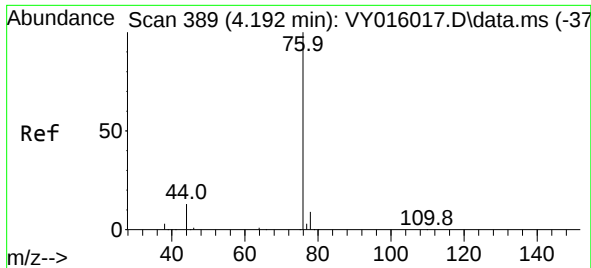
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#16
Acetone
Concen: 87.553 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY016016.D
Acq: 18 Oct 2023 12:17

Tgt Ion: 43 Resp: 76984
Ion Ratio Lower Upper
43 100
58 32.0 22.7 34.1





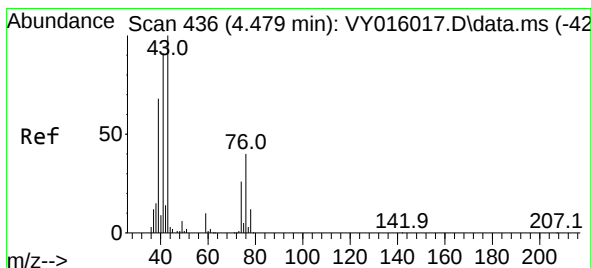
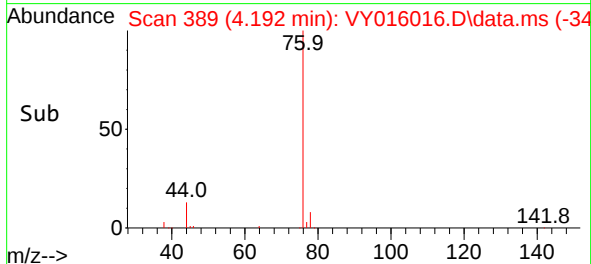
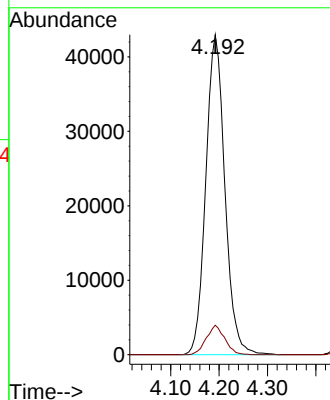
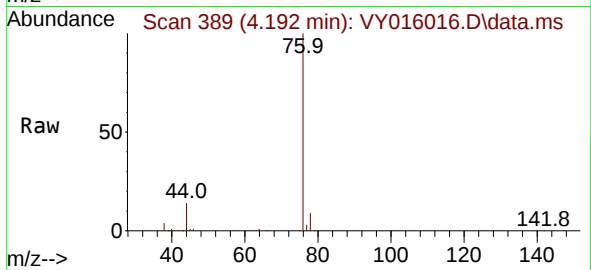
#17
Carbon Disulfide
Concen: 20.068 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY016016.D
Acq: 18 Oct 2023 12:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 76 Resp: 117708
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.4

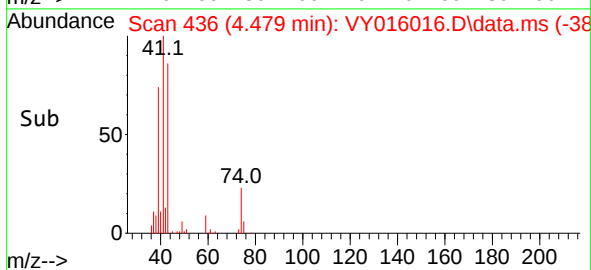
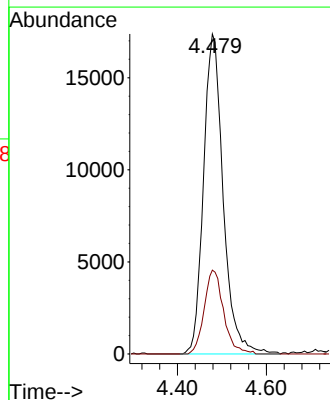
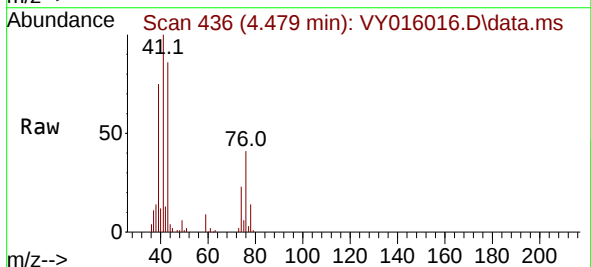
Manual Integrations
APPROVED

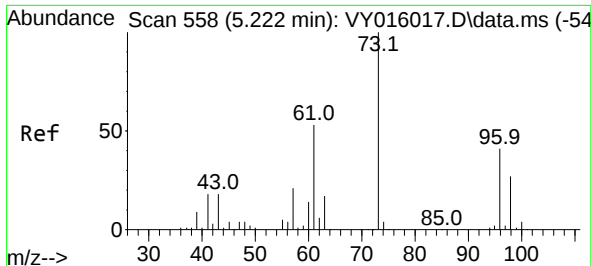
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#18
Methyl Acetate
Concen: 17.686 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY016016.D
Acq: 18 Oct 2023 12:17

Tgt Ion: 43 Resp: 53524
Ion Ratio Lower Upper
43 100
74 25.8 17.4 26.0





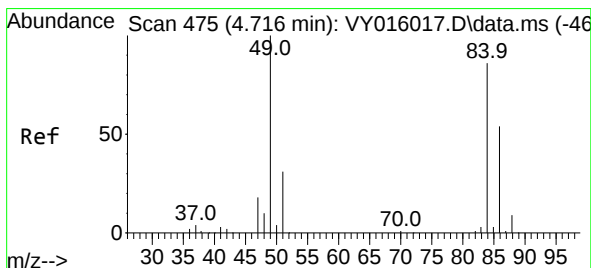
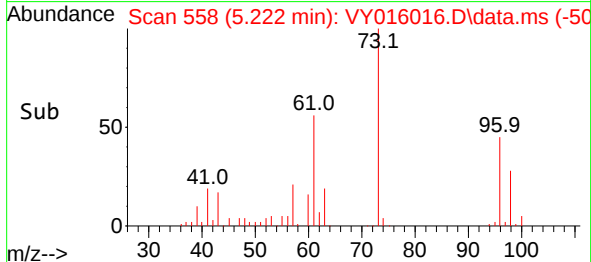
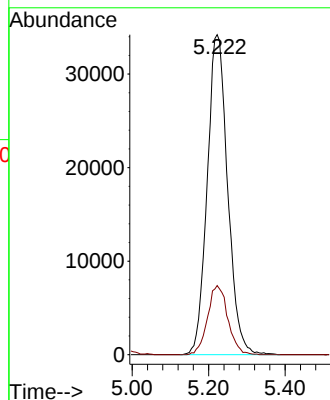
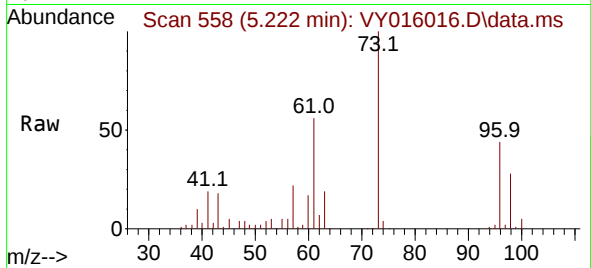
#19
Methyl tert-butyl Ether
Concen: 19.664 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY016016.D
Acq: 18 Oct 2023 12:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 73 Resp: 12701
Ion Ratio Lower Upper
73 100
57 21.6 17.3 25.9

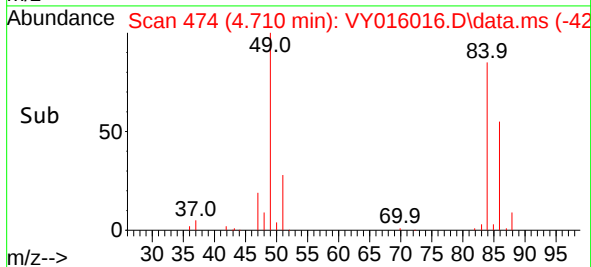
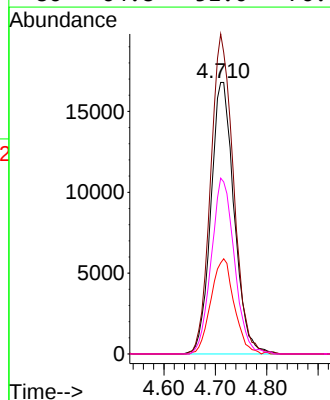
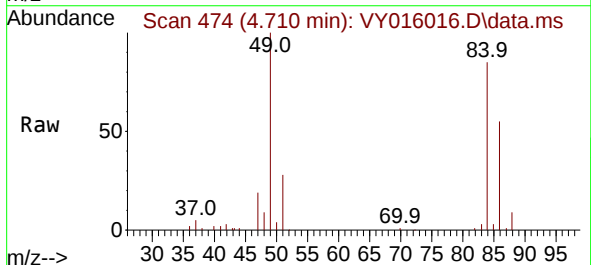
Manual Integrations
APPROVED

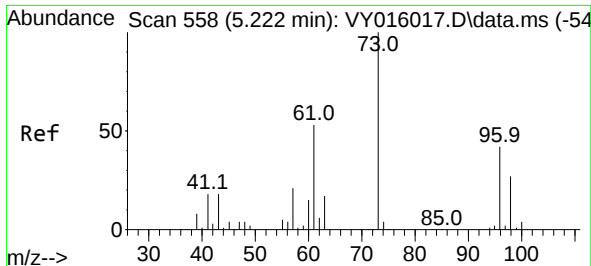
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#20
Methylene Chloride
Concen: 20.173 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY016016.D
Acq: 18 Oct 2023 12:17

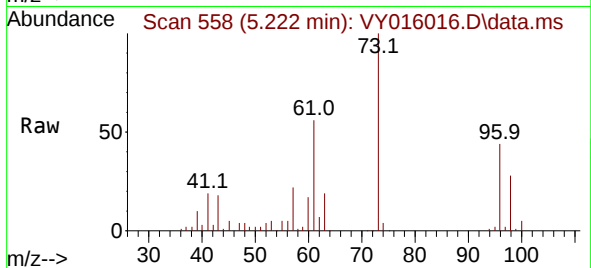
Tgt Ion: 84 Resp: 52696
Ion Ratio Lower Upper
84 100
49 117.9 106.9 160.3
51 33.5 33.2 49.8
86 64.8 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 20.048 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY016016.D
Acq: 18 Oct 2023 12:17

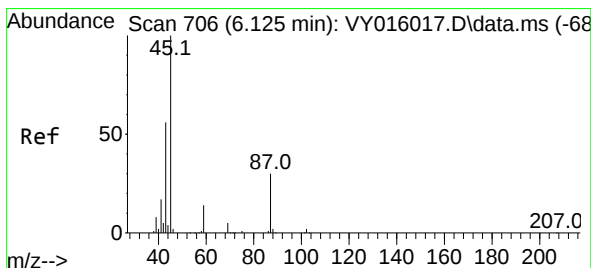
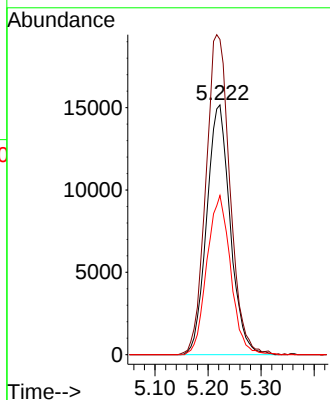
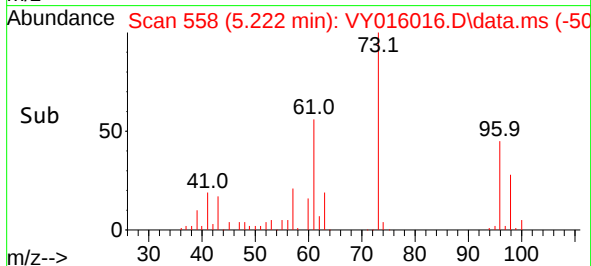
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



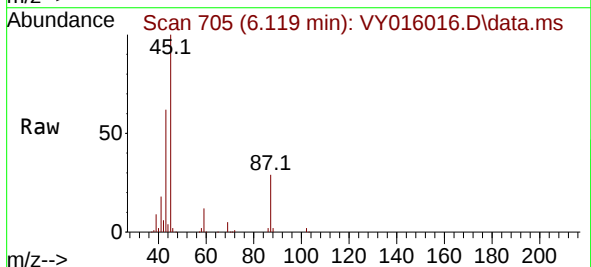
Tgt Ion: 96 Resp: 4674
Ion Ratio Lower Upper
96 100
61 126.2 110.2 165.4
98 63.7 51.8 77.6

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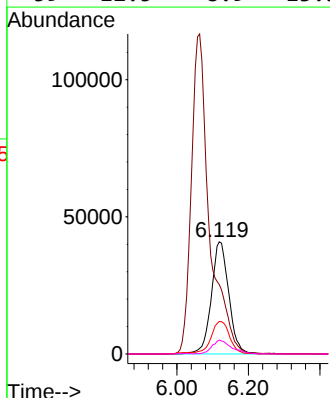
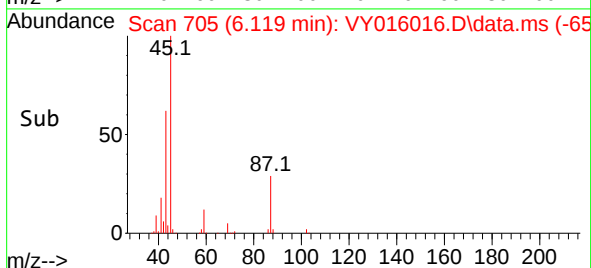
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

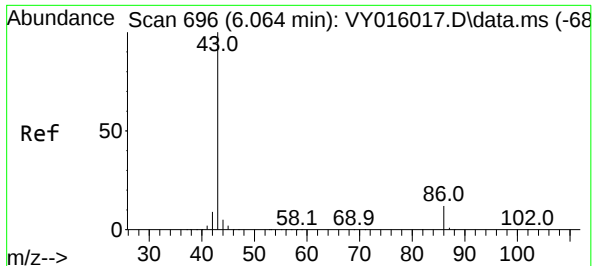


#22
Diisopropyl ether
Concen: 20.287 ug/l
RT: 6.119 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY016016.D
Acq: 18 Oct 2023 12:17



Tgt Ion: 45 Resp: 138296
Ion Ratio Lower Upper
45 100
43 61.4 52.2 78.4
87 29.0 21.0 31.6
59 12.5 8.9 13.3





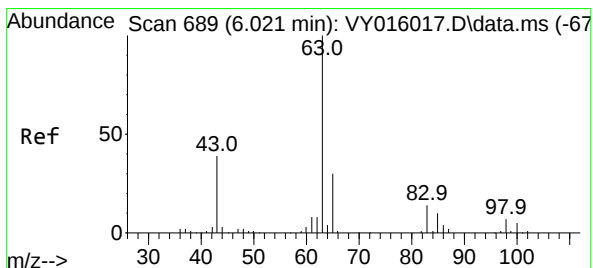
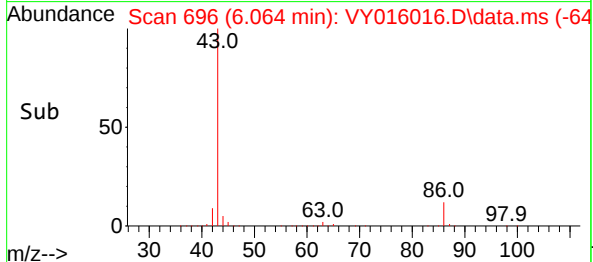
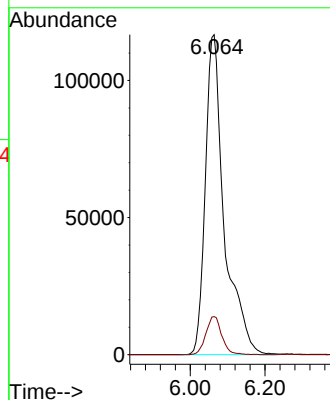
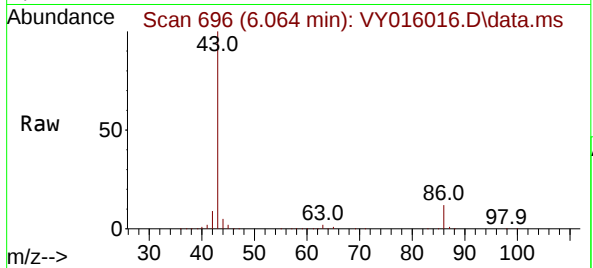
#23
 Vinyl Acetate
 Concen: 96.938 ug/l
 RT: 6.064 min Scan# 696
 Delta R.T. 0.000 min
 Lab File: VY016016.D
 Acq: 18 Oct 2023 12:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Tgt Ion: 43 Resp: 40992
 Ion Ratio Lower Upper
 43 100
 86 11.9 7.5 11.3

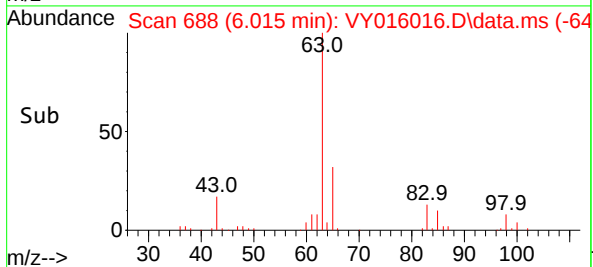
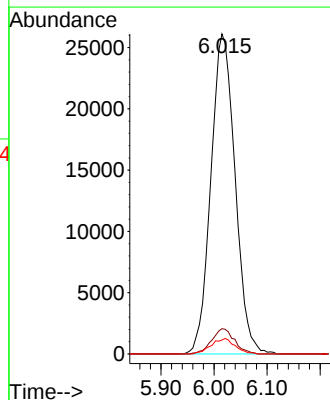
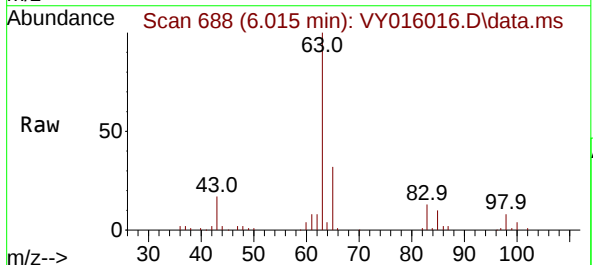
Manual Integrations
 APPROVED

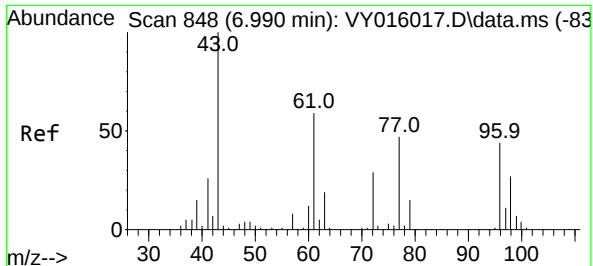
Reviewed By :John Carlone 10/19/2023
 Supervised By :Semsettin Yesilyurt 10/20/2023



#24
 1,1-Dichloroethane
 Concen: 20.493 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY016016.D
 Acq: 18 Oct 2023 12:17

Tgt Ion: 63 Resp: 82877
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.1 9.4
 100 4.4 1.8 5.5





#25

2-Butanone

Concen: 88.214 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY016016.D

Acq: 18 Oct 2023 12:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 43 Resp: 10624

Ion Ratio Lower Upper

43 100

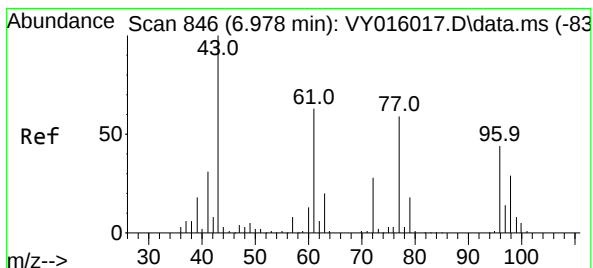
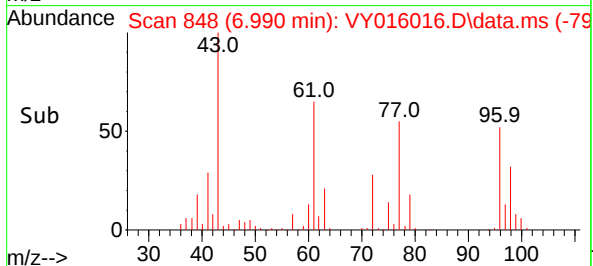
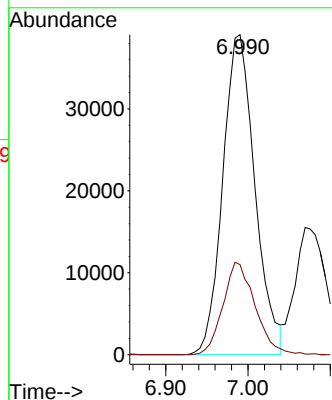
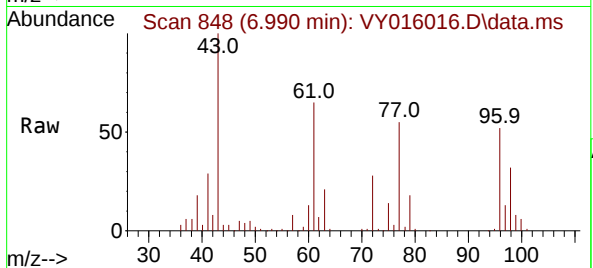
72 28.2 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#26

2,2-Dichloropropane

Concen: 20.149 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY016016.D

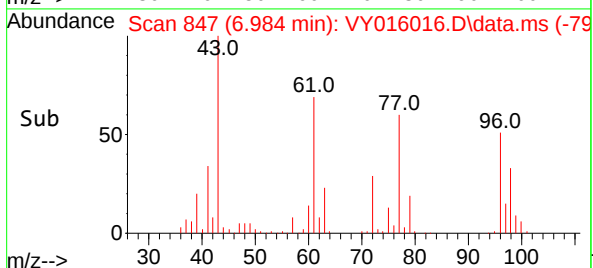
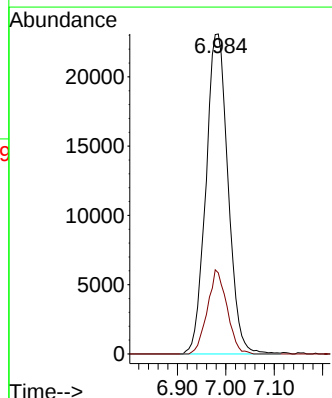
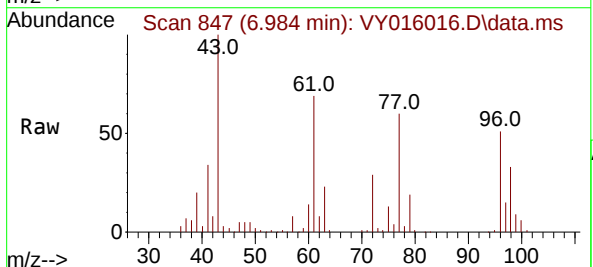
Acq: 18 Oct 2023 12:17

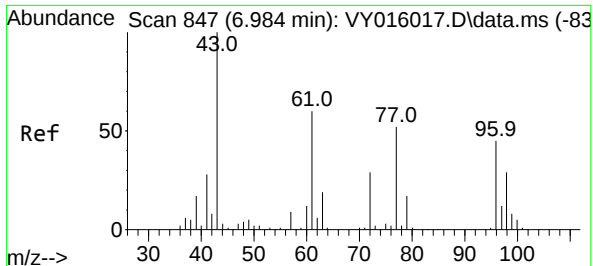
Tgt Ion: 77 Resp: 73317

Ion Ratio Lower Upper

77 100

97 23.3 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 20.432 ug/l

RT: 6.990 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY016016.D

Acq: 18 Oct 2023 12:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

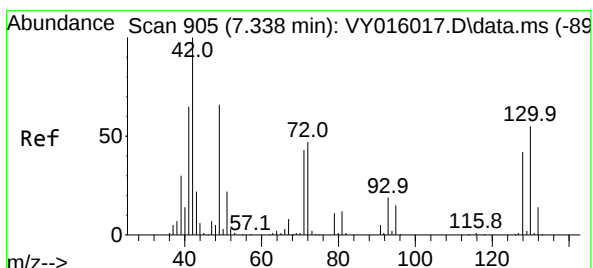
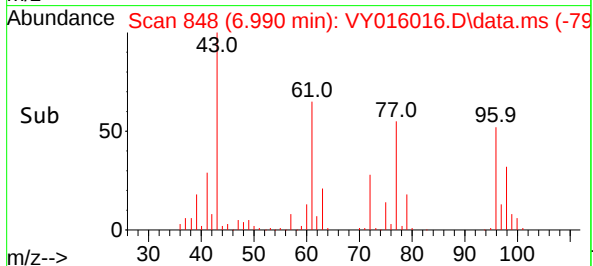
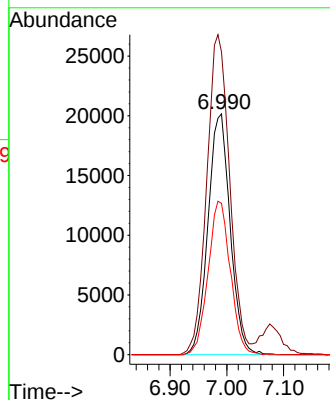
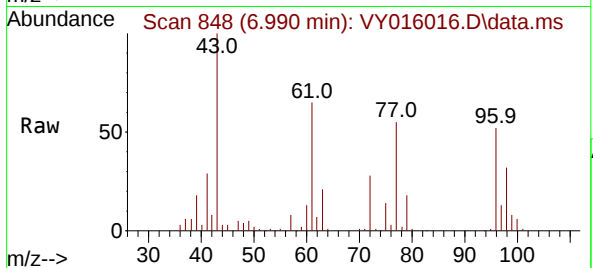
Tgt Ion:	96	Resp:	5486
Ion	Ratio	Lower	Upper
96	100		
61	136.9	0.0	301.4
98	63.8	0.0	130.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#28

Bromochloromethane

Concen: 20.367 ug/l

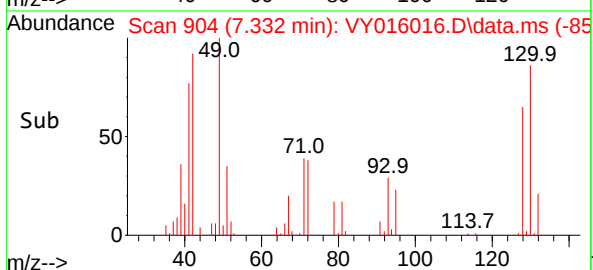
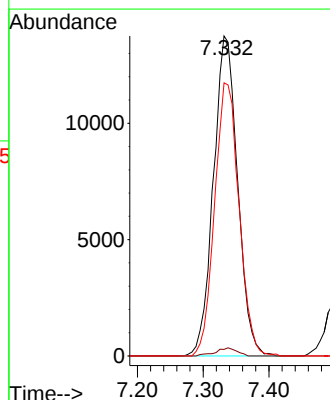
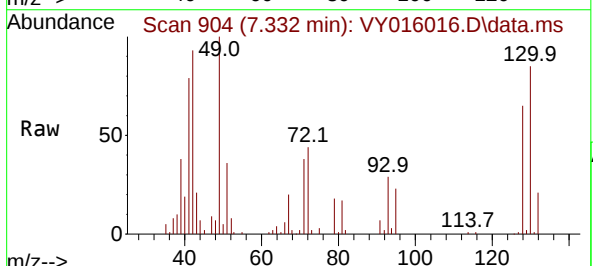
RT: 7.332 min Scan# 904

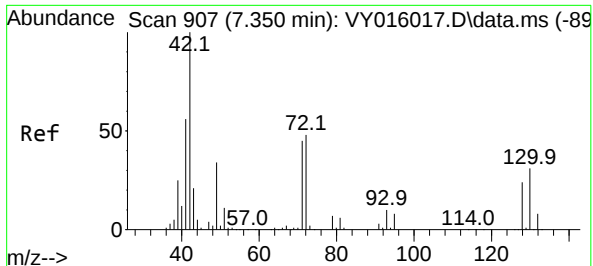
Delta R.T. -0.006 min

Lab File: VY016016.D

Acq: 18 Oct 2023 12:17

Tgt Ion:	49	Resp:	35227
Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.6
130	85.9	60.7	91.1





#29

Tetrahydrofuran

Concen: 87.857 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY016016.D

Acq: 18 Oct 2023 12:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

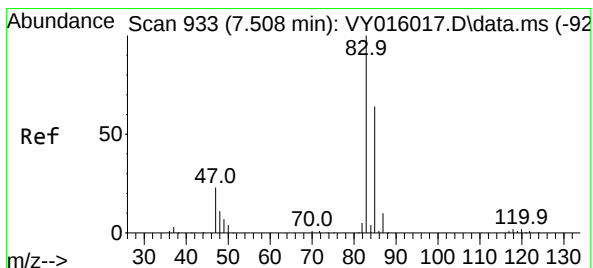
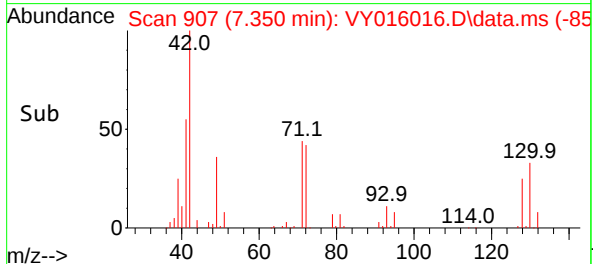
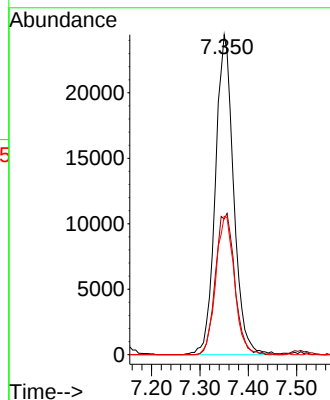
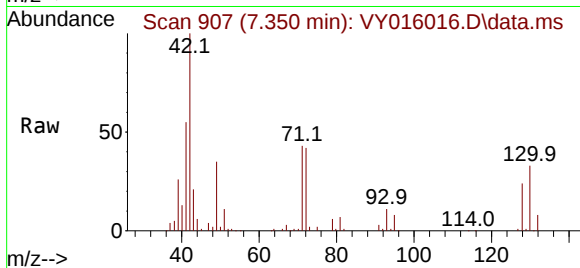
Tgt Ion:	42	Resp:	64049
Ion Ratio	Lower	Upper	
42	100		
72	46.8	32.8	49.2
71	44.2	31.0	46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#30

Chloroform

Concen: 20.437 ug/l

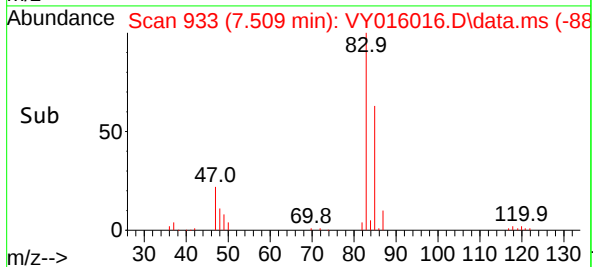
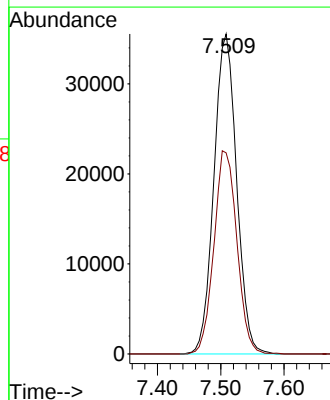
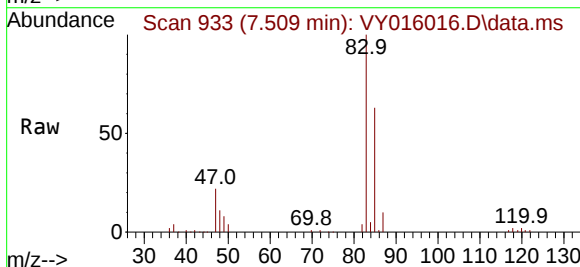
RT: 7.509 min Scan# 933

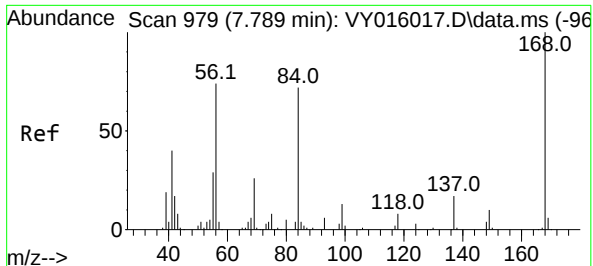
Delta R.T. 0.000 min

Lab File: VY016016.D

Acq: 18 Oct 2023 12:17

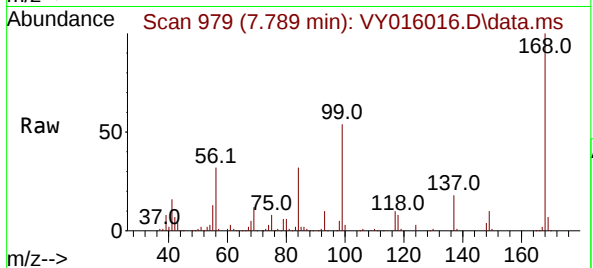
Tgt Ion:	83	Resp:	88622
Ion Ratio	Lower	Upper	
83	100		
85	62.9	49.7	74.5





#31
Cyclohexane
Concen: 19.879 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY016016.D
Acq: 18 Oct 2023 12:17

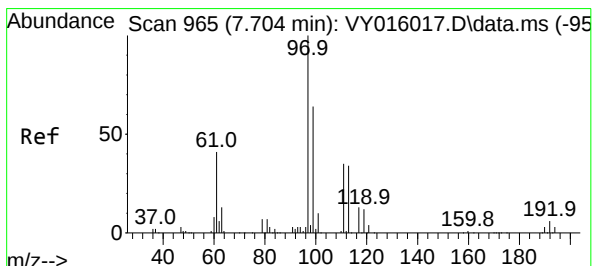
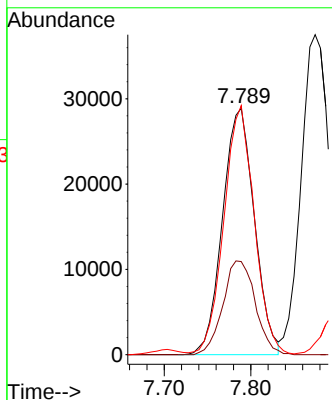
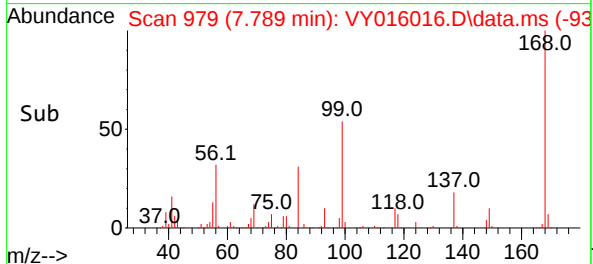
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 56 Resp: 73804
Ion Ratio Lower Upper
56 100
69 37.8 27.8 41.6
84 99.8 66.4 99.6

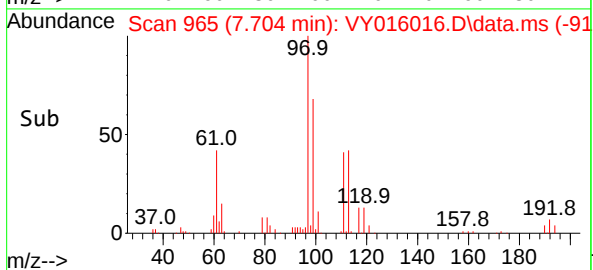
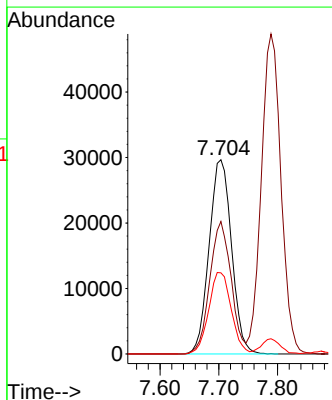
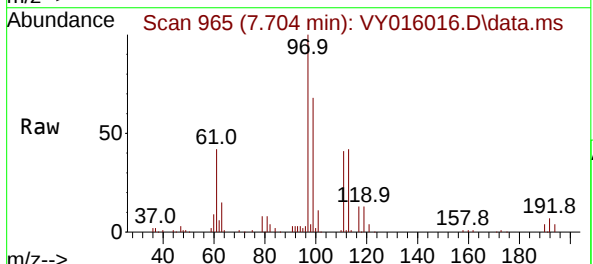
Manual Integrations
APPROVED

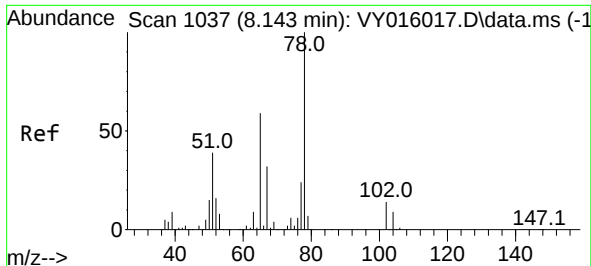
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#32
1,1,1-Trichloroethane
Concen: 20.282 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY016016.D
Acq: 18 Oct 2023 12:17

Tgt Ion: 97 Resp: 78692
Ion Ratio Lower Upper
97 100
99 65.1 50.8 76.2
61 42.0 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 20.240 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY016016.D

Acq: 18 Oct 2023 12:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 48010

Ion Ratio Lower Upper

65 100

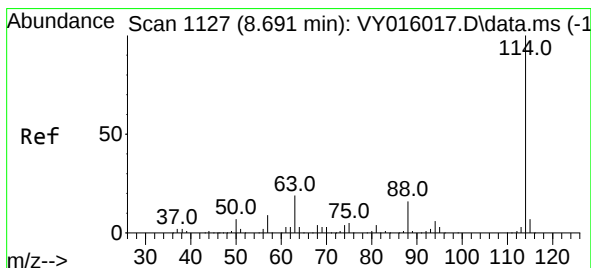
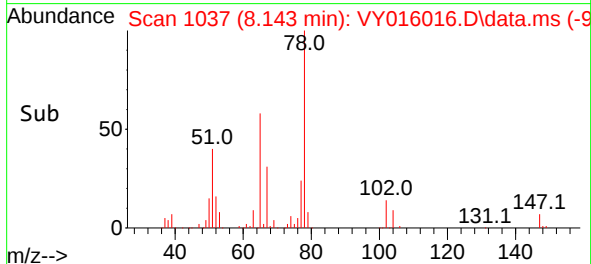
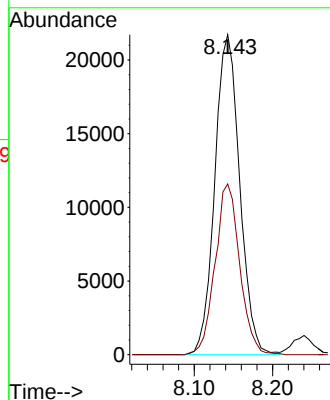
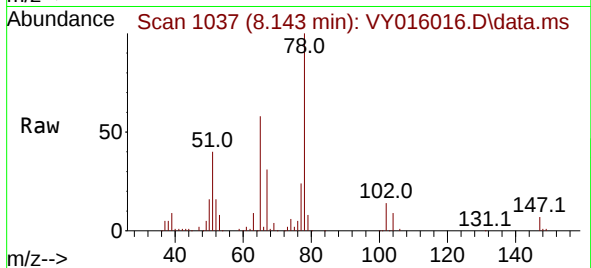
67 52.8 0.0 101.8

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: VY016016.D

Acq: 18 Oct 2023 12:17

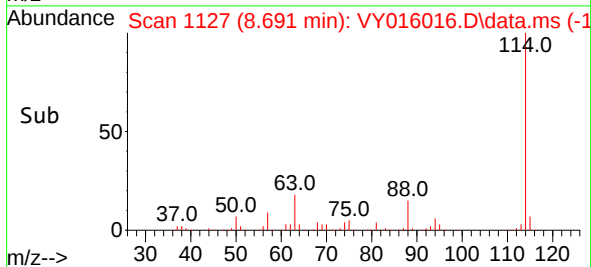
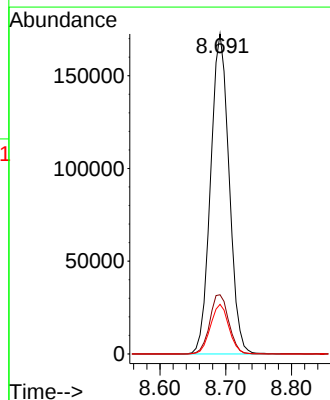
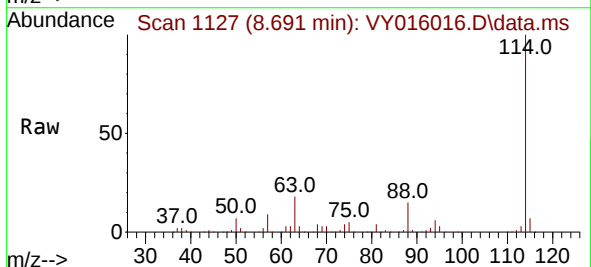
Tgt Ion:114 Resp: 337745

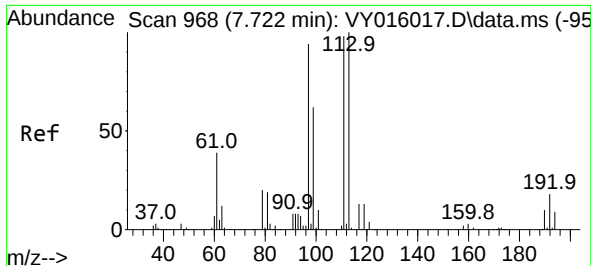
Ion Ratio Lower Upper

114 100

63 18.5 0.0 42.4

88 15.5 0.0 30.6





#35

Dibromofluoromethane

Concen: 20.237 ug/l

RT: 7.716 min Scan# 9

Delta R.T. -0.006 min

Lab File: VY016016.D

Acq: 18 Oct 2023 12:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion:113 Resp: 44989

Ion Ratio Lower Upper

113 100

111 102.4 81.3 121.9

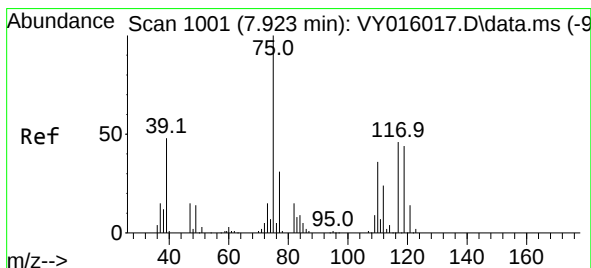
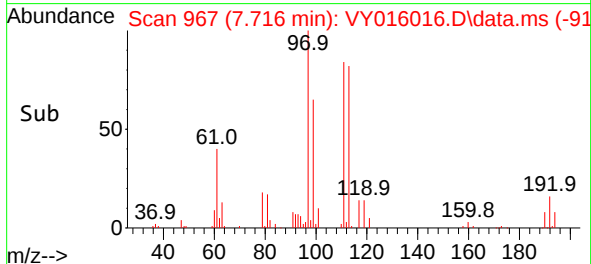
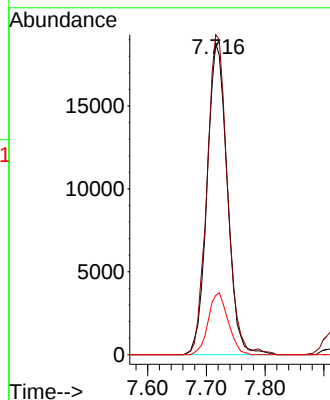
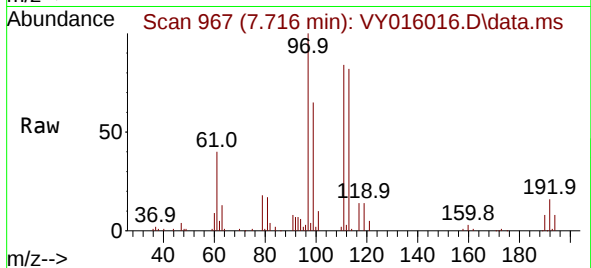
192 19.4 16.9 25.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#36

1,1-Dichloropropene

Concen: 19.828 ug/l

RT: 7.923 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VY016016.D

Acq: 18 Oct 2023 12:17

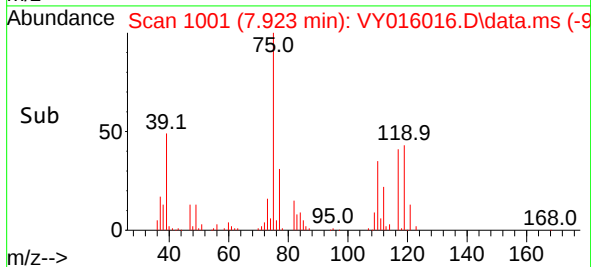
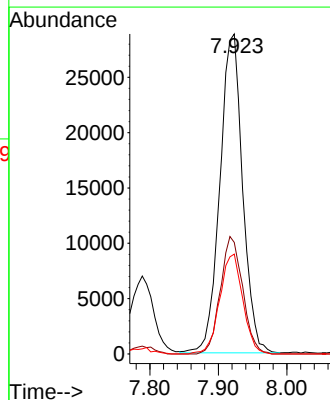
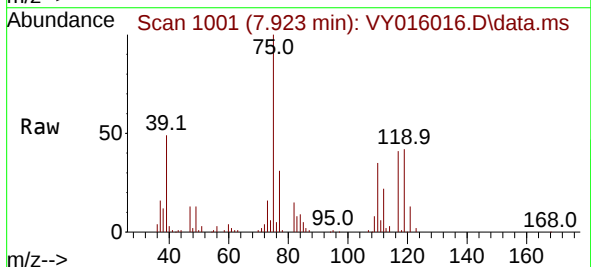
Tgt Ion: 75 Resp: 66318

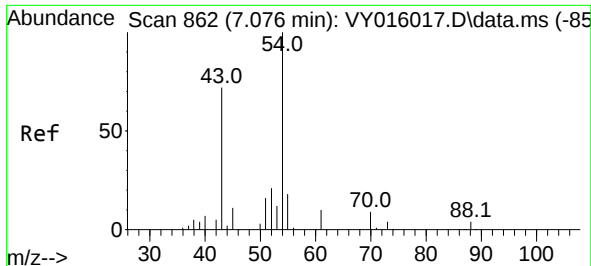
Ion Ratio Lower Upper

75 100

110 36.1 17.8 53.5

77 31.8 24.4 36.6





#37

Ethyl Acetate

Concen: 17.727 ug/l

RT: 7.070 min Scan# 80

Delta R.T. -0.006 min

Lab File: VY016016.D

Acq: 18 Oct 2023 12:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 43 Resp: 42738

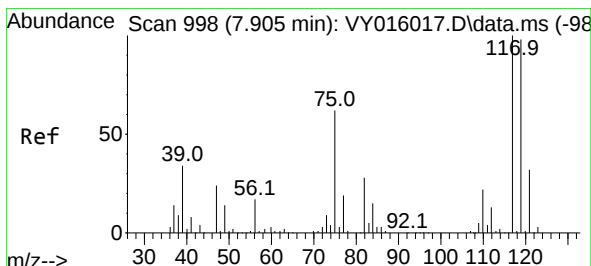
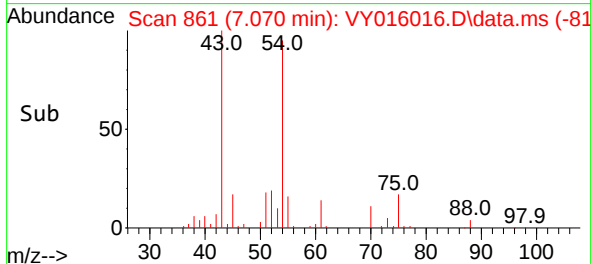
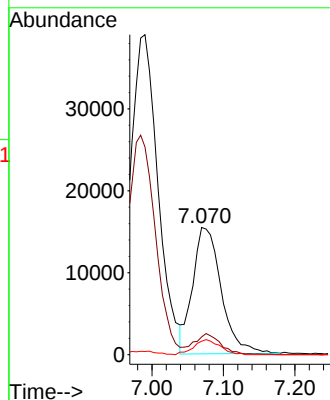
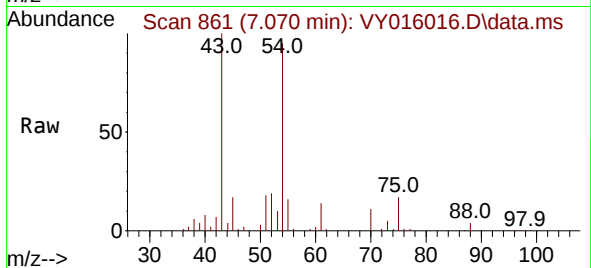
Ion	Ratio	Lower	Upper
43	100		
61	15.3	10.1	15.1
70	10.9	7.1	10.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#38

Carbon Tetrachloride

Concen: 19.852 ug/l

RT: 7.899 min Scan# 997

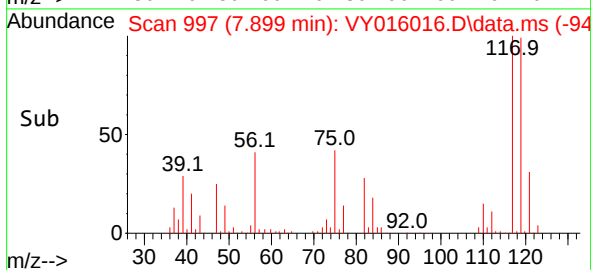
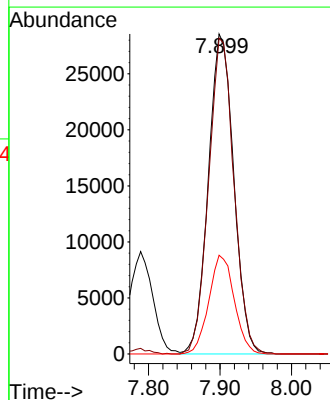
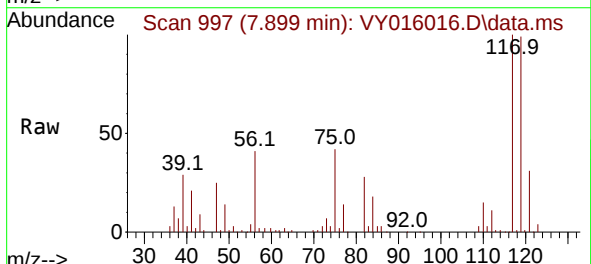
Delta R.T. -0.006 min

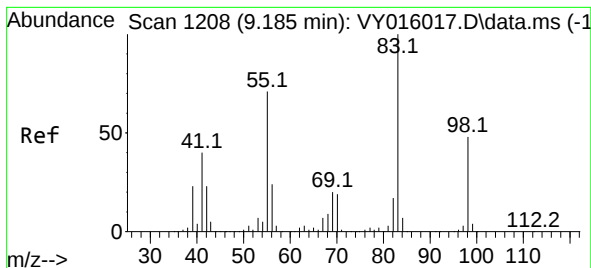
Lab File: VY016016.D

Acq: 18 Oct 2023 12:17

Tgt Ion:117 Resp: 70570

Ion	Ratio	Lower	Upper
117	100		
119	98.7	76.4	114.6
121	30.9	25.8	38.6





#39

Methylcyclohexane

Concen: 20.037 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016016.D

Acq: 18 Oct 2023 12:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

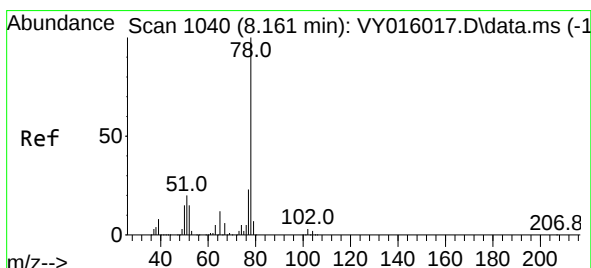
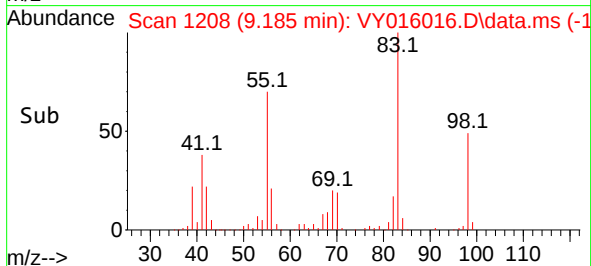
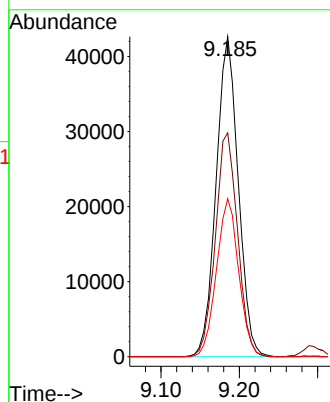
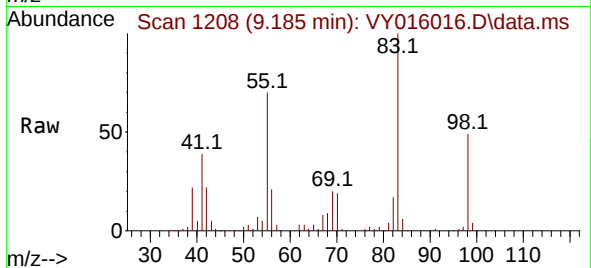
Tgt Ion: 83 Resp: 83750
 Ion Ratio Lower Upper
 83 100
 55 69.9 63.0 94.4
 98 49.3 37.4 56.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#40

Benzene

Concen: 20.285 ug/l

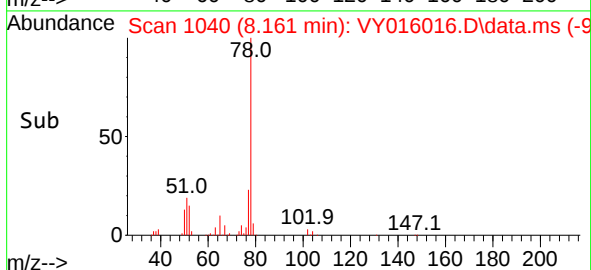
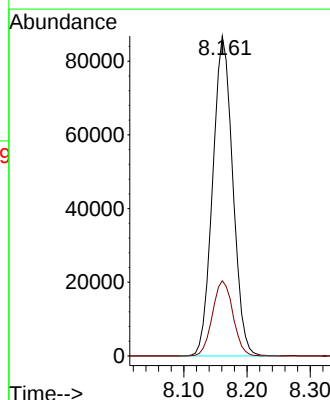
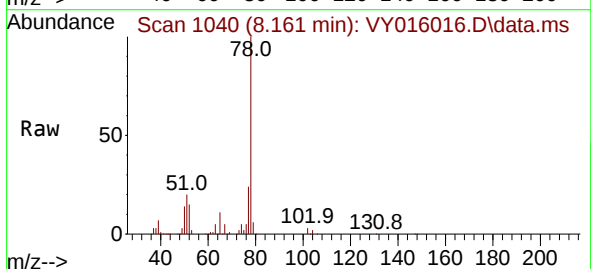
RT: 8.161 min Scan# 1040

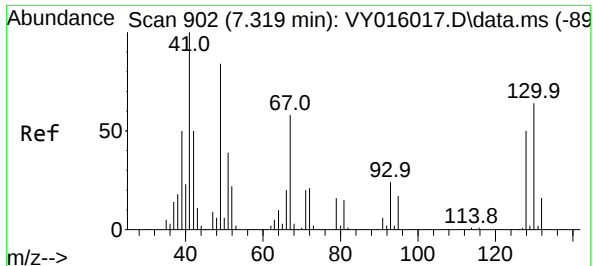
Delta R.T. 0.000 min

Lab File: VY016016.D

Acq: 18 Oct 2023 12:17

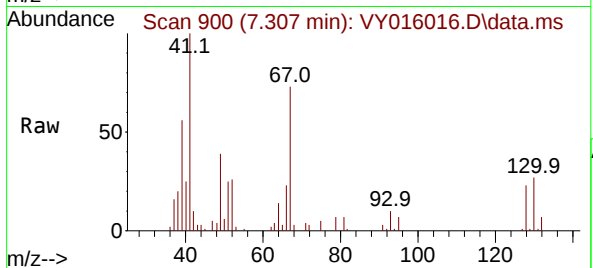
Tgt Ion: 78 Resp: 191216
 Ion Ratio Lower Upper
 78 100
 77 23.5 19.0 28.6





#41
Methacrylonitrile
Concen: 19.031 ug/l m
RT: 7.307 min Scan# 902
Delta R.T. -0.012 min
Lab File: VY016016.D
Acq: 18 Oct 2023 12:17

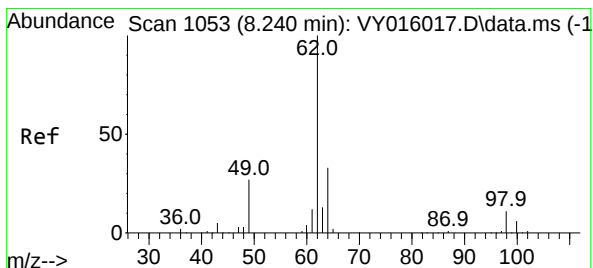
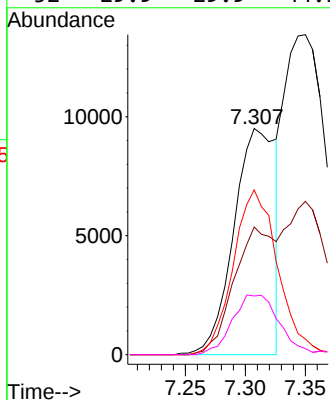
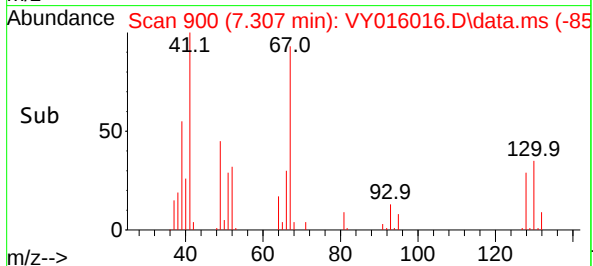
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 41 Resp: 2310
Ion Ratio Lower Upper
41 100
39 55.3 52.1 78.1
67 77.7 66.2 99.2
52 29.9 29.9 44.9#

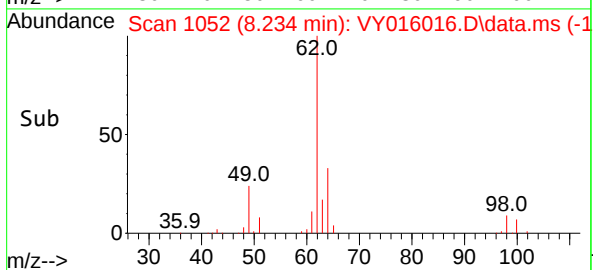
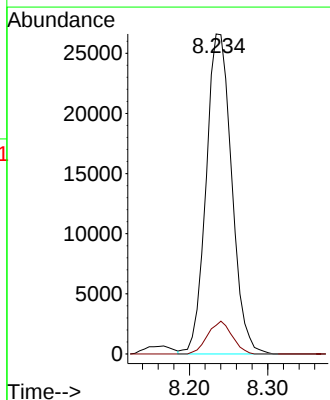
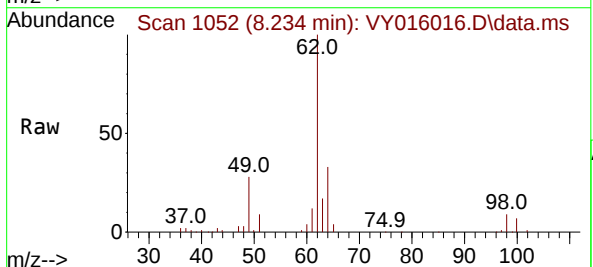
Manual Integrations
APPROVED

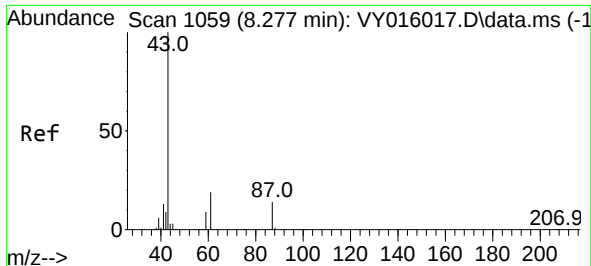
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#42
1,2-Dichloroethane
Concen: 19.878 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY016016.D
Acq: 18 Oct 2023 12:17

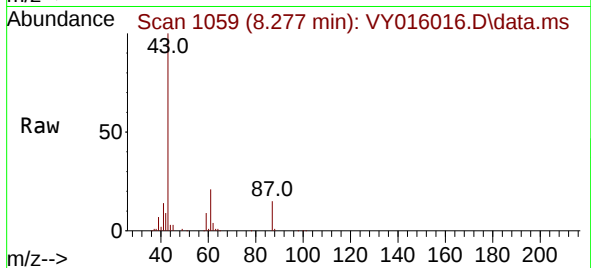
Tgt Ion: 62 Resp: 60360
Ion Ratio Lower Upper
62 100
98 9.7 0.0 15.8





#43
Isopropyl Acetate
Concen: 18.141 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VY016016.D
Acq: 18 Oct 2023 12:17

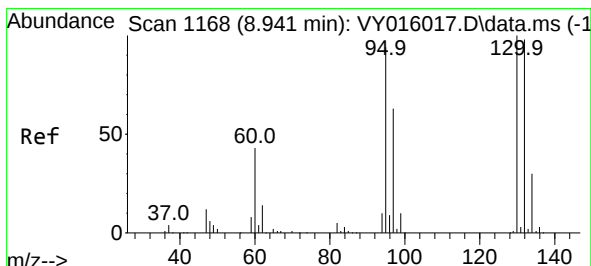
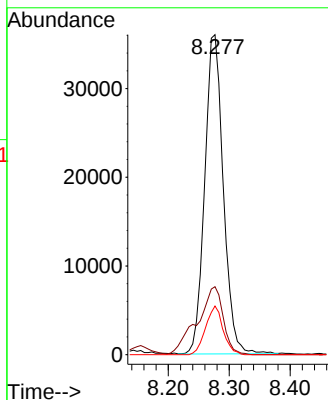
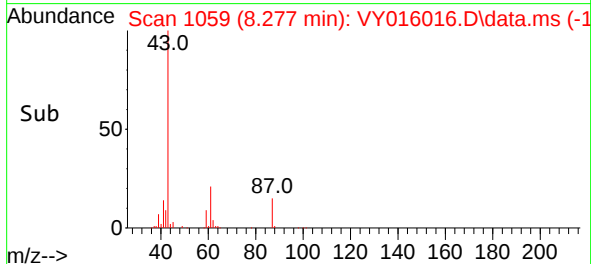
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 76460
Ion Ratio Lower Upper
43 100
61 29.7 21.1 31.7
87 14.3 9.8 14.8

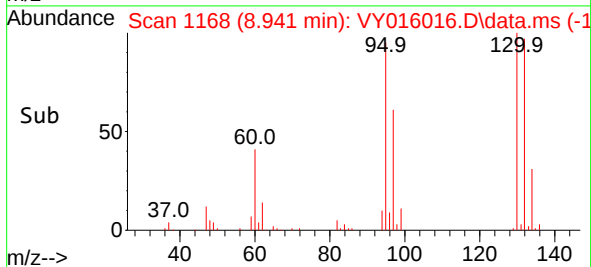
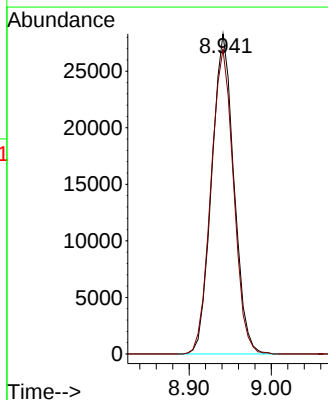
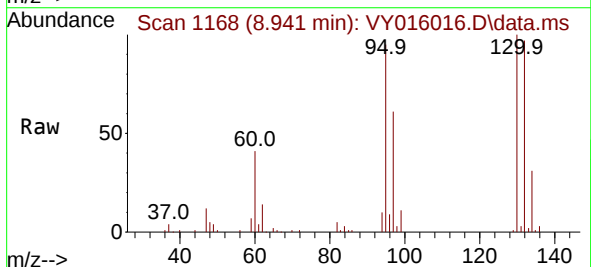
Manual Integrations
APPROVED

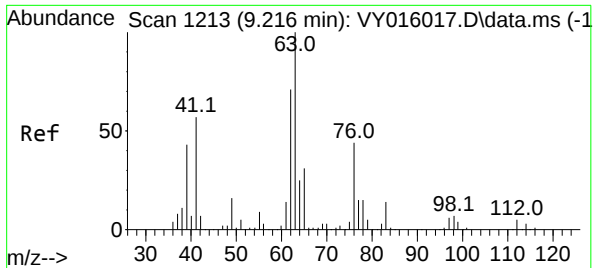
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#44
Trichloroethene
Concen: 20.089 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY016016.D
Acq: 18 Oct 2023 12:17

Tgt Ion:130 Resp: 53096
Ion Ratio Lower Upper
130 100
95 95.2 0.0 196.0





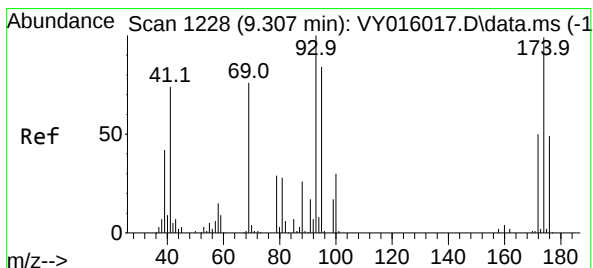
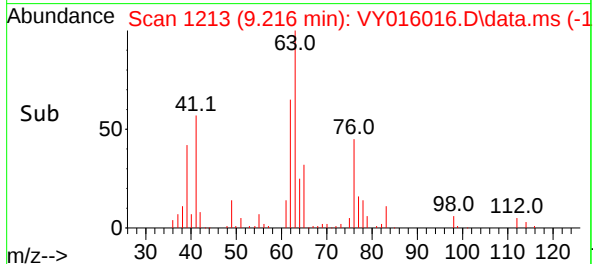
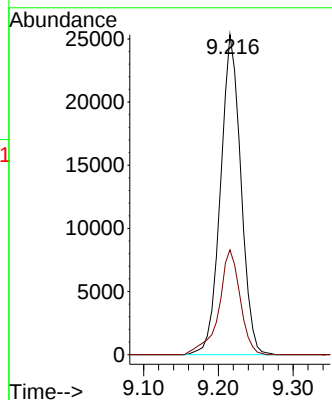
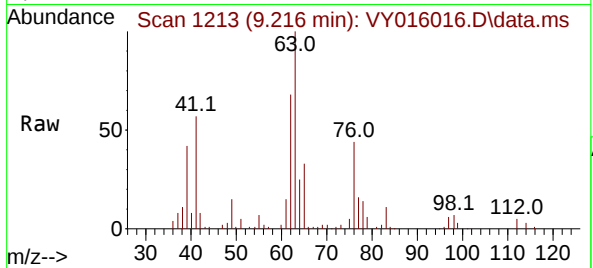
#45
1,2-Dichloropropane
Concen: 20.329 ug/l
RT: 9.216 min Scan# 1213
Delta R.T. 0.000 min
Lab File: VY016016.D
Acq: 18 Oct 2023 12:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 63 Resp: 47958
Ion Ratio Lower Upper
63 100
65 32.8 23.8 35.6

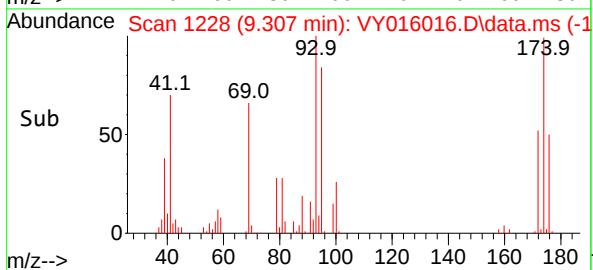
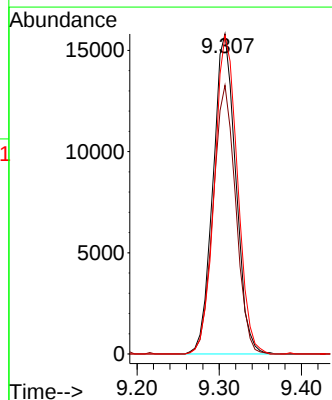
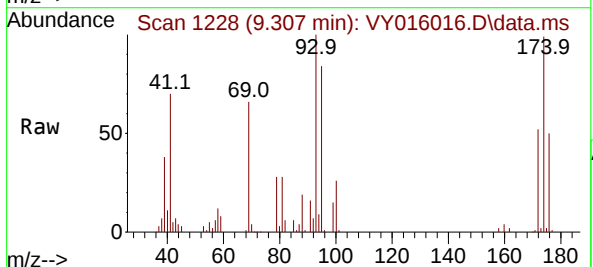
Manual Integrations
APPROVED

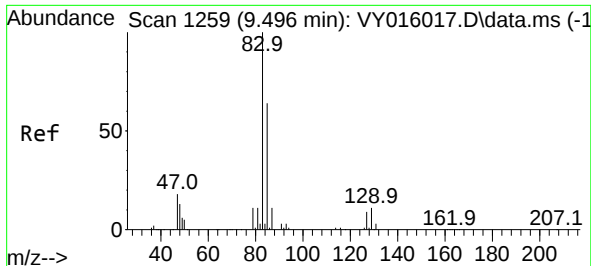
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#46
Dibromomethane
Concen: 19.362 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VY016016.D
Acq: 18 Oct 2023 12:17

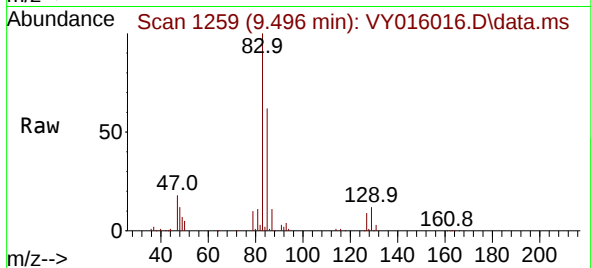
Tgt Ion: 93 Resp: 30324
Ion Ratio Lower Upper
93 100
95 83.6 66.6 100.0
174 100.9 84.8 127.2





#47
Bromodichloromethane
Concen: 20.166 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY016016.D
Acq: 18 Oct 2023 12:17

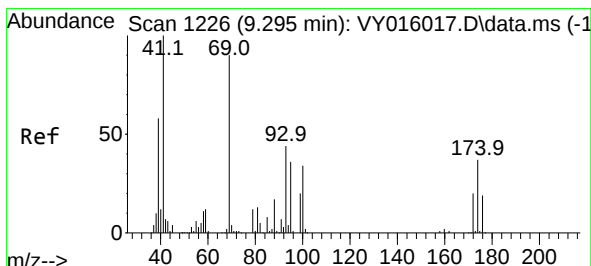
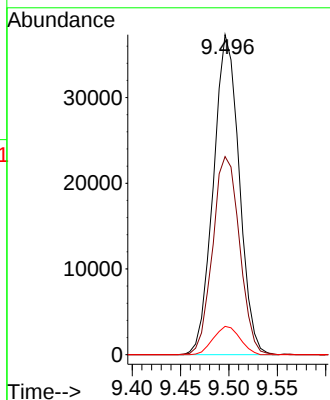
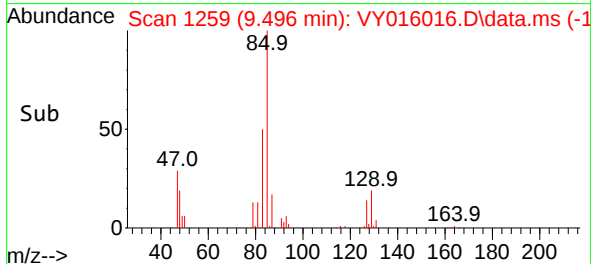
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 83 Resp: 6922
Ion Ratio Lower Upper
83 100
85 61.9 50.1 75.1
127 8.9 7.1 10.7

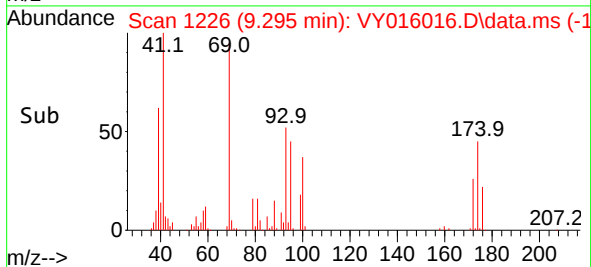
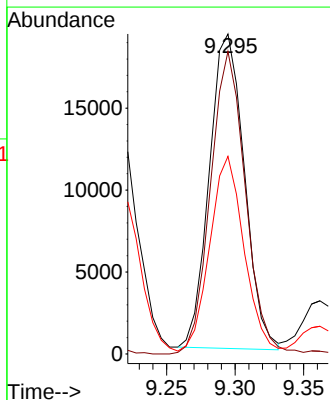
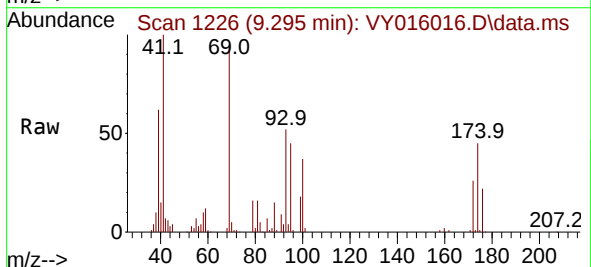
Manual Integrations
APPROVED

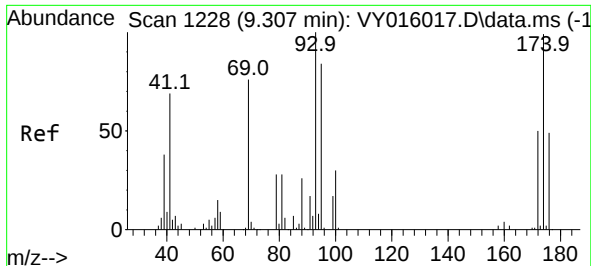
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#48
Methyl methacrylate
Concen: 17.770 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY016016.D
Acq: 18 Oct 2023 12:17

Tgt Ion: 41 Resp: 34094
Ion Ratio Lower Upper
41 100
69 96.3 64.5 96.7
39 60.3 50.8 76.2





#49

1,4-Dioxane

Concen: 335.384 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY016016.D

Acq: 18 Oct 2023 12:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 88 Resp: 8364

Ion Ratio Lower Upper

88 100

43 32.2 0.0 0.0

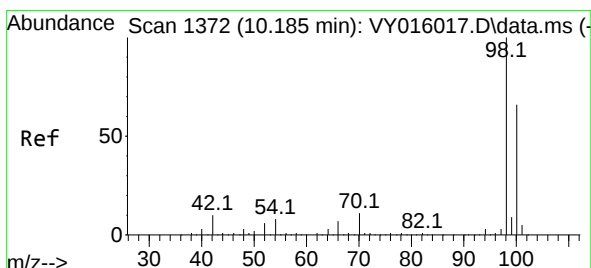
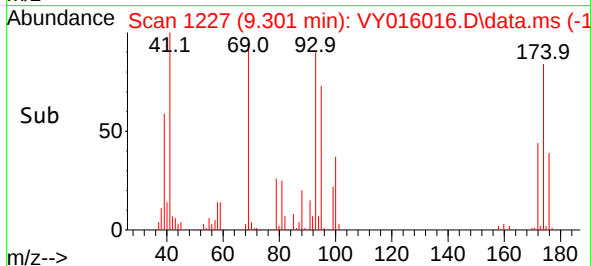
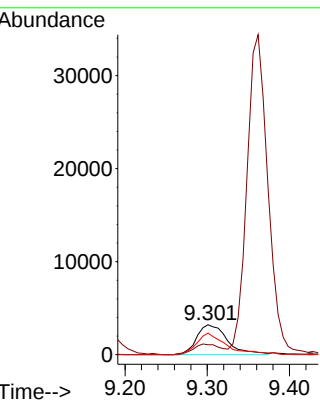
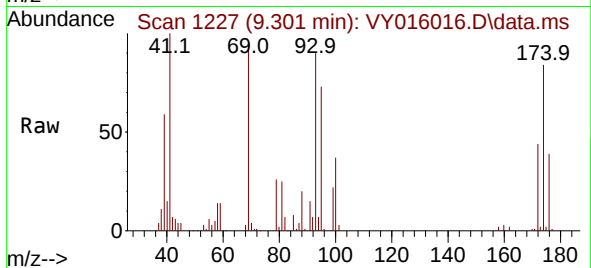
58 70.1 30.9 46.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#50

Toluene-d8

Concen: 20.300 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.006 min

Lab File: VY016016.D

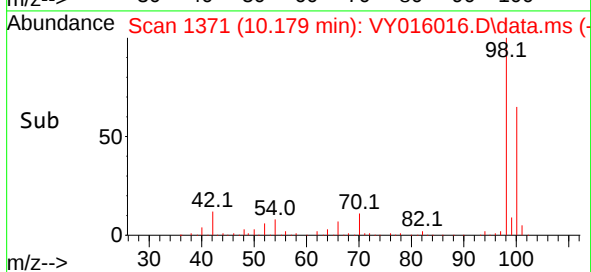
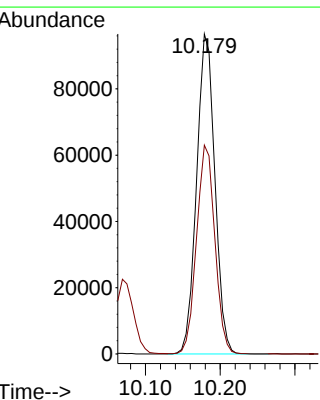
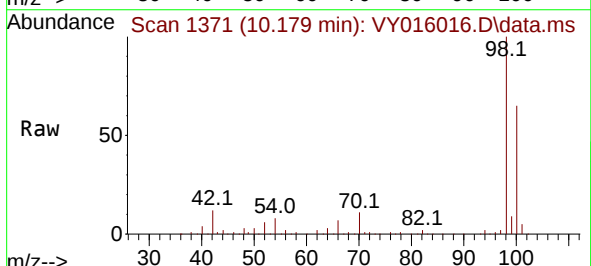
Acq: 18 Oct 2023 12:17

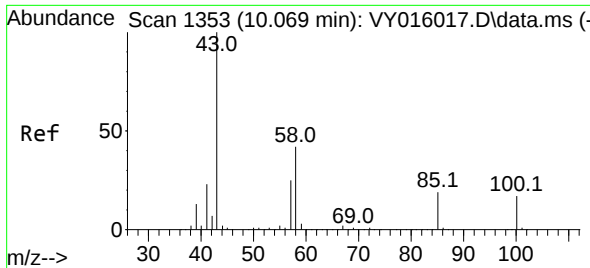
Tgt Ion: 98 Resp: 163898

Ion Ratio Lower Upper

98 100

100 65.5 50.1 75.1





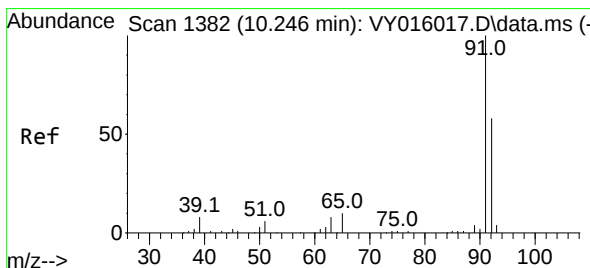
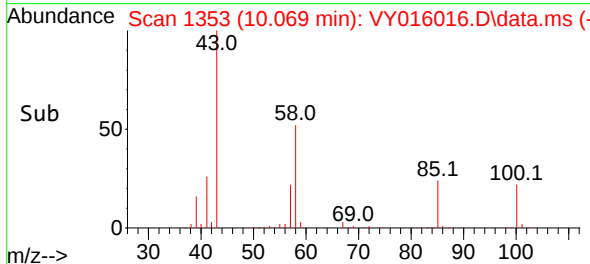
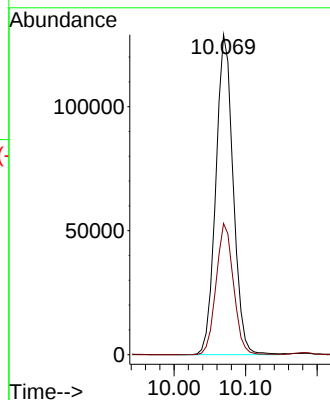
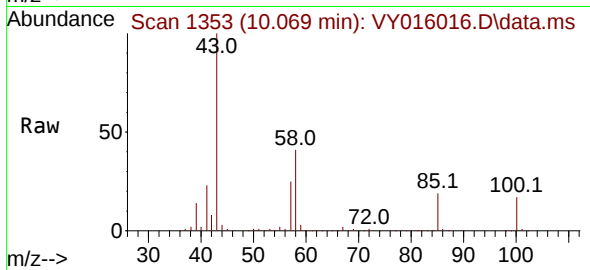
#51
4-Methyl-2-Pentanone
Concen: 89.715 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY016016.D
Acq: 18 Oct 2023 12:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 21746
Ion Ratio Lower Upper
43 100
58 41.1 29.0 43.6

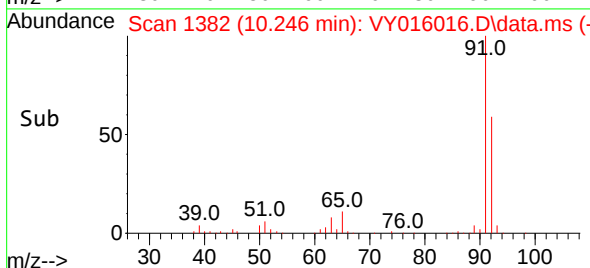
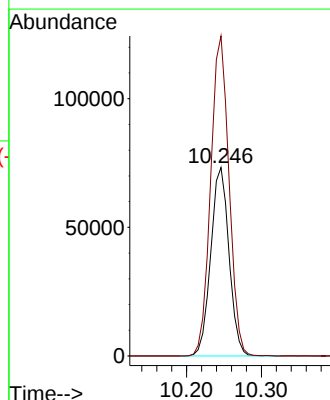
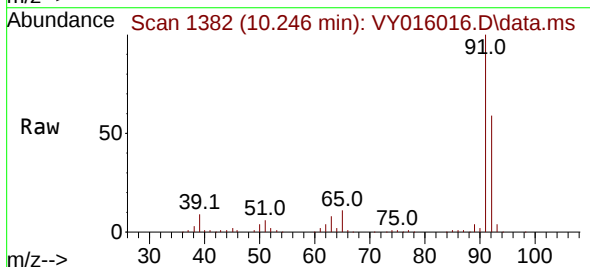
Manual Integrations
APPROVED

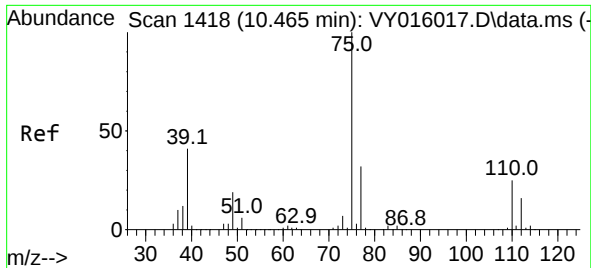
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#52
Toluene
Concen: 20.300 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY016016.D
Acq: 18 Oct 2023 12:17

Tgt Ion: 92 Resp: 124120
Ion Ratio Lower Upper
92 100
91 170.4 143.8 215.6





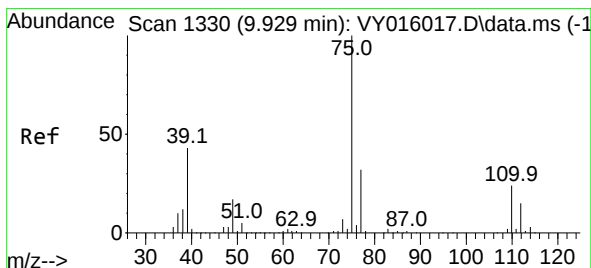
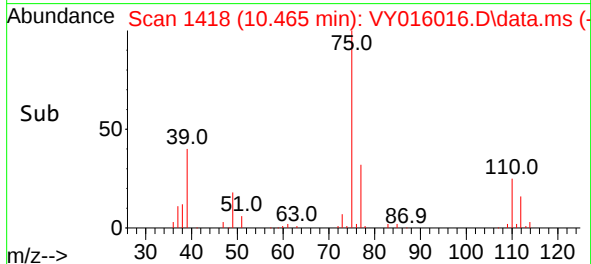
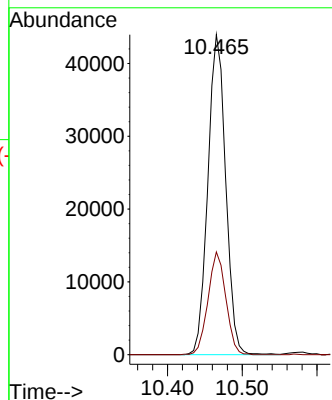
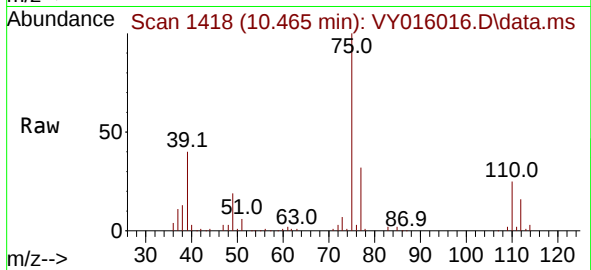
#53
t-1,3-Dichloropropene
Concen: 19.540 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY016016.D
Acq: 18 Oct 2023 12:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 7266
Ion Ratio Lower Upper
75 100
77 32.1 25.0 37.4

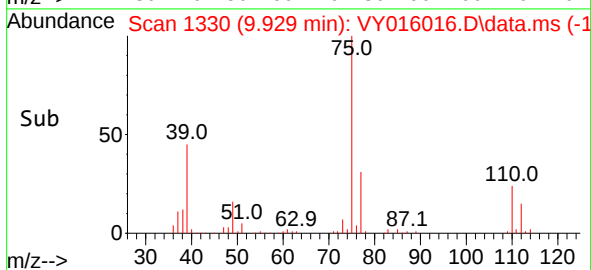
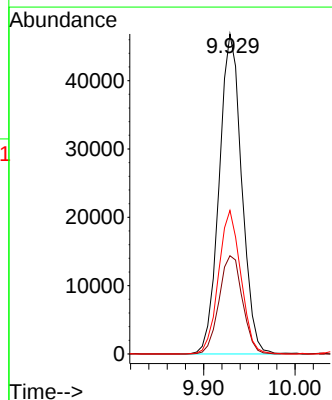
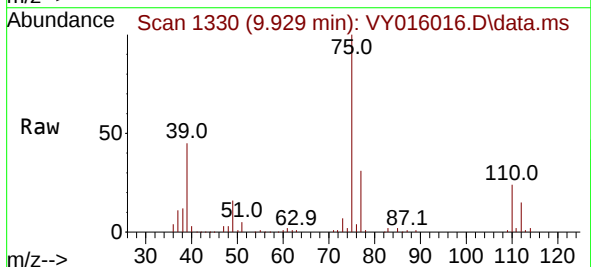
Manual Integrations
APPROVED

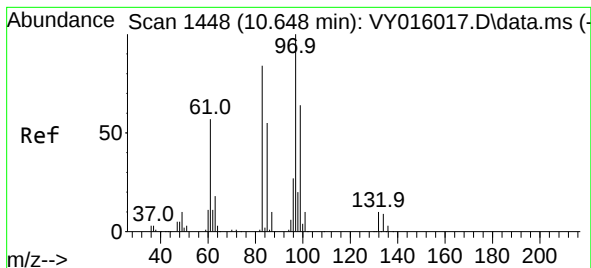
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#54
cis-1,3-Dichloropropene
Concen: 19.820 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY016016.D
Acq: 18 Oct 2023 12:17

Tgt Ion: 75 Resp: 80338
Ion Ratio Lower Upper
75 100
77 30.7 24.2 36.4
39 44.8 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 19.860 ug/l

RT: 10.642 min Scan# 1448

Delta R.T. -0.006 min

Lab File: VY016016.D

Acq: 18 Oct 2023 12:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 97 Resp: 4273

Ion Ratio Lower Upper

97 100

83 82.3 72.0 108.0

85 54.7 45.4 68.0

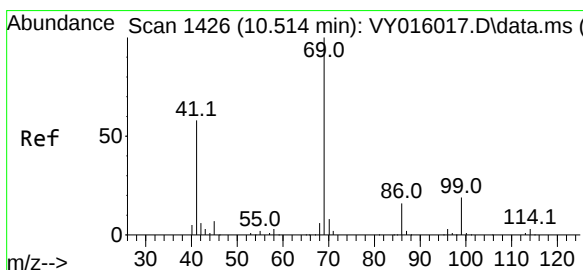
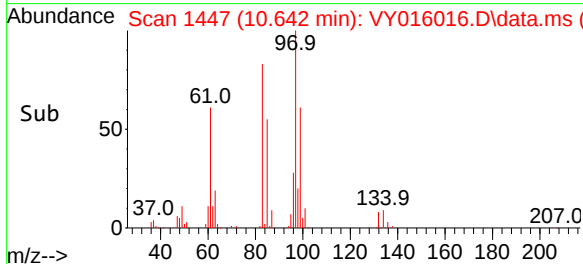
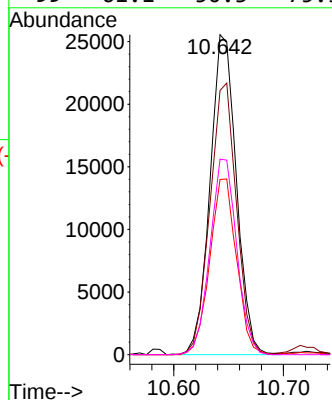
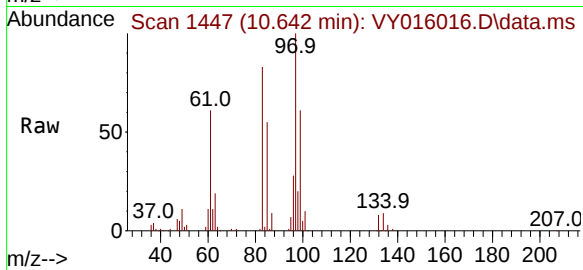
99 61.1 50.3 75.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#56

Ethyl methacrylate

Concen: 18.820 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. 0.000 min

Lab File: VY016016.D

Acq: 18 Oct 2023 12:17

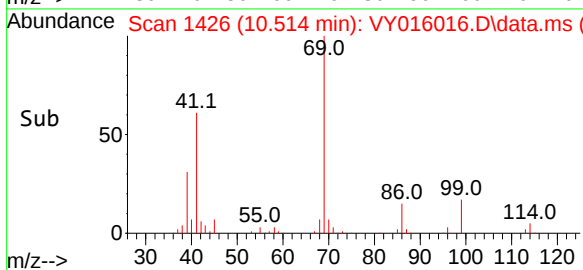
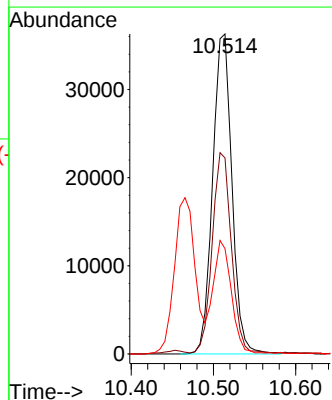
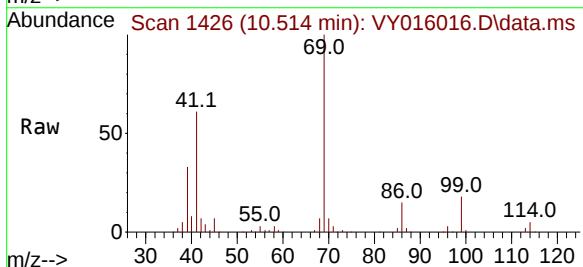
Tgt Ion: 69 Resp: 59179

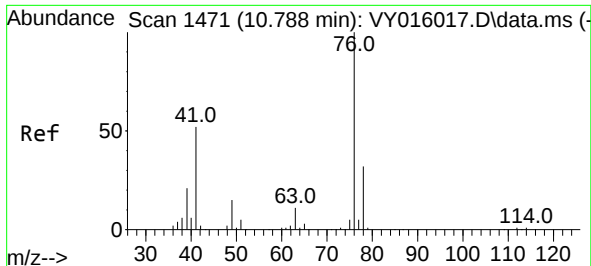
Ion Ratio Lower Upper

69 100

41 62.4 57.6 86.4

39 33.1 34.1 51.1#





#57

1,3-Dichloropropane

Concen: 19.564 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY016016.D

Acq: 18 Oct 2023 12:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 7141

Ion Ratio Lower Upper

76 100

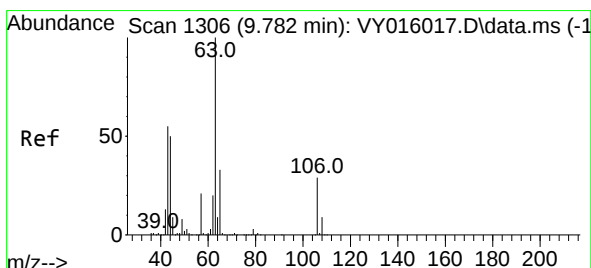
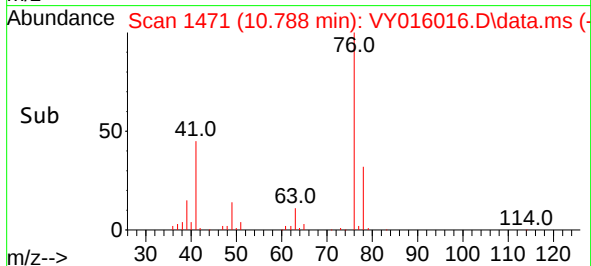
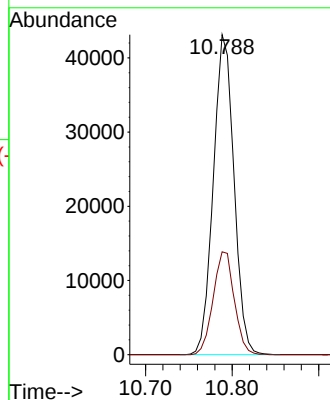
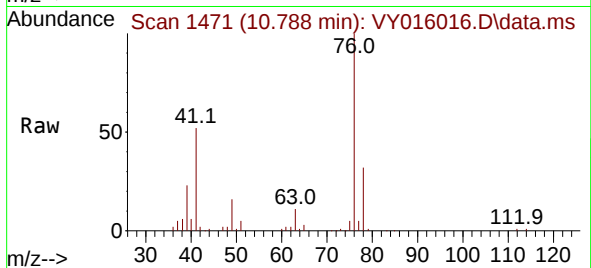
78 32.9 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#58

2-Chloroethyl Vinyl ether

Concen: 96.122 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY016016.D

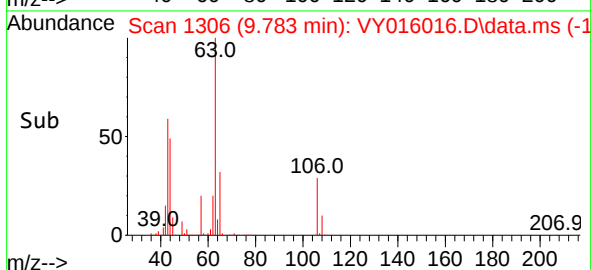
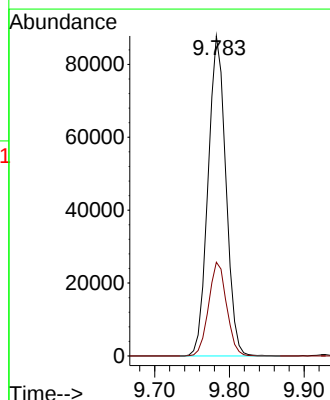
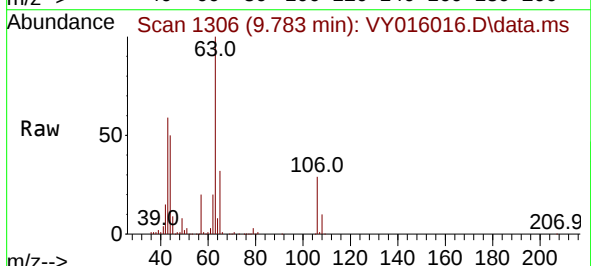
Acq: 18 Oct 2023 12:17

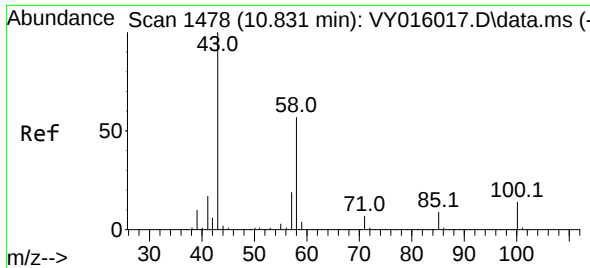
Tgt Ion: 63 Resp: 145180

Ion Ratio Lower Upper

63 100

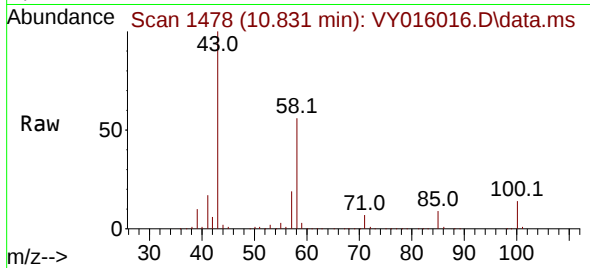
106 29.5 21.2 31.8





#59
2-Hexanone
Concen: 87.980 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY016016.D
Acq: 18 Oct 2023 12:17

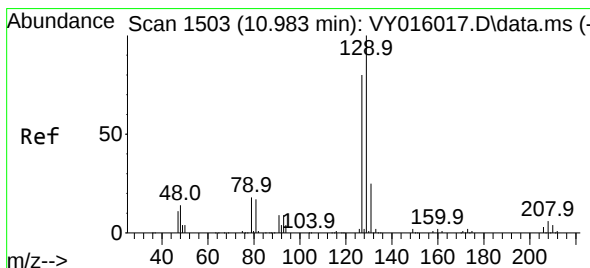
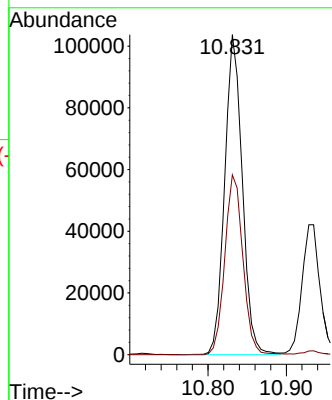
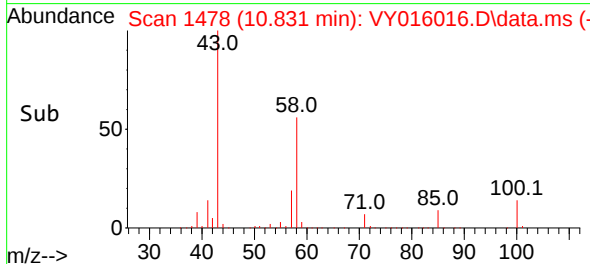
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 16225
Ion Ratio Lower Upper
43 100
58 57.7 25.1 75.3

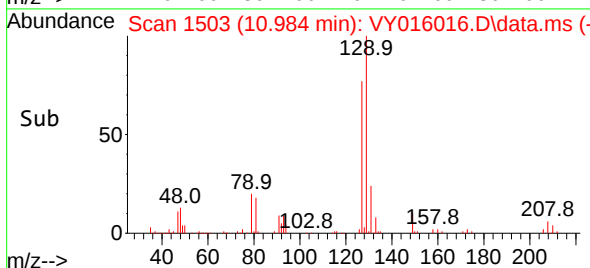
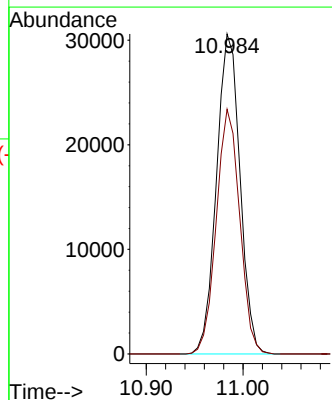
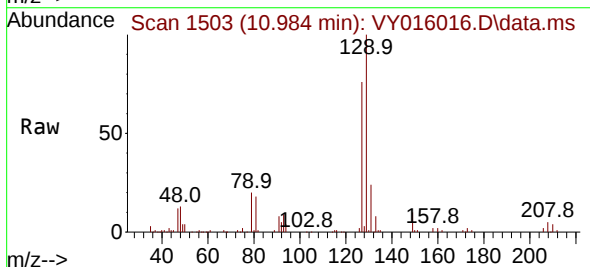
Manual Integrations
APPROVED

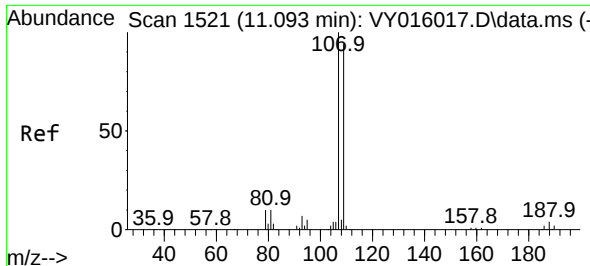
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#60
Dibromochloromethane
Concen: 19.816 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY016016.D
Acq: 18 Oct 2023 12:17

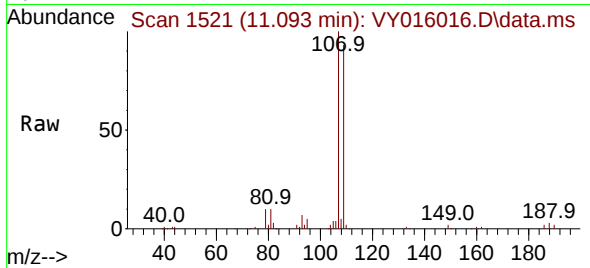
Tgt Ion:129 Resp: 51564
Ion Ratio Lower Upper
129 100
127 76.2 38.5 115.5





#61
1,2-Dibromoethane
Concen: 19.224 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY016016.D
Acq: 18 Oct 2023 12:17

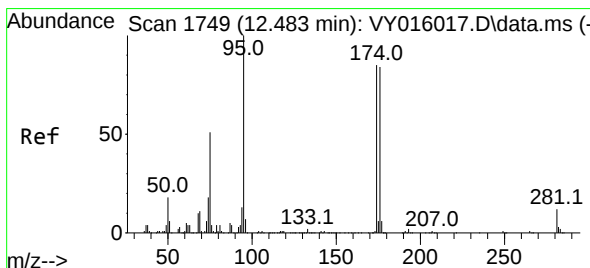
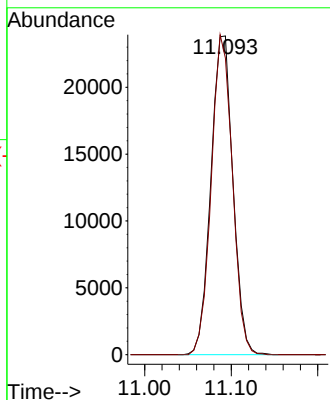
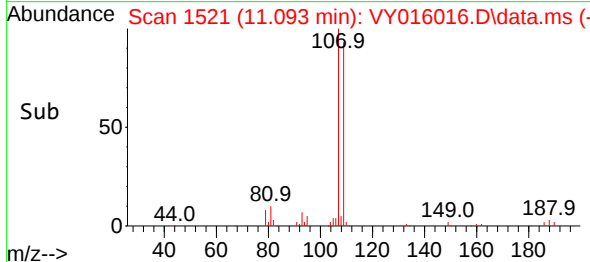
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



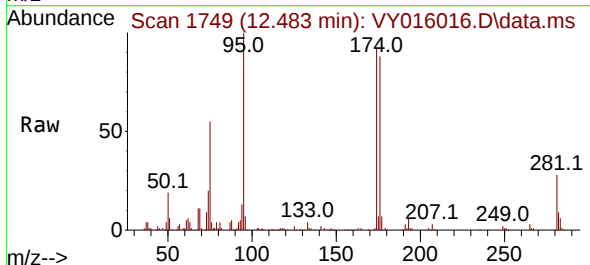
Tgt Ion:107 Resp: 42095
Ion Ratio Lower Upper
107 100
109 96.2 75.6 113.4

Manual Integrations
APPROVED

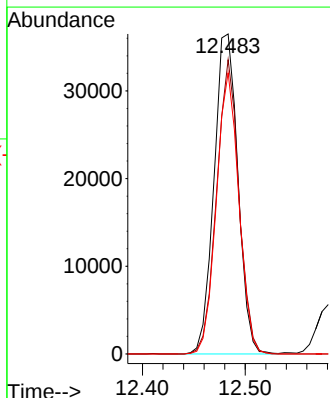
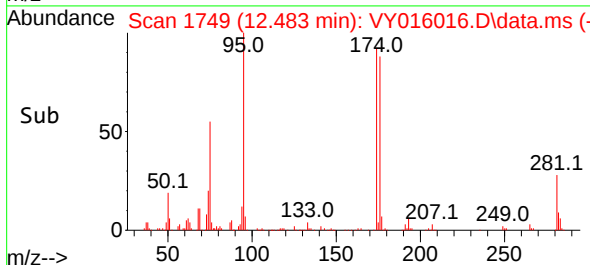
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

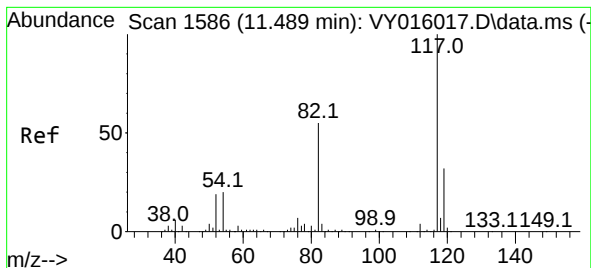


#62
4-Bromofluorobenzene
Concen: 20.397 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY016016.D
Acq: 18 Oct 2023 12:17



Tgt Ion: 95 Resp: 58760
Ion Ratio Lower Upper
95 100
174 86.0 0.0 178.2
176 82.5 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY016016.D

Acq: 18 Oct 2023 12:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion:117 Resp: 30963

Ion Ratio Lower Upper

117 100

82 54.0 43.4 65.0

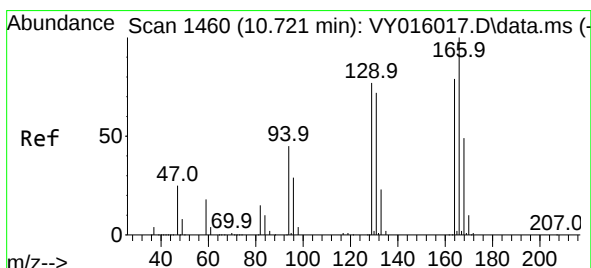
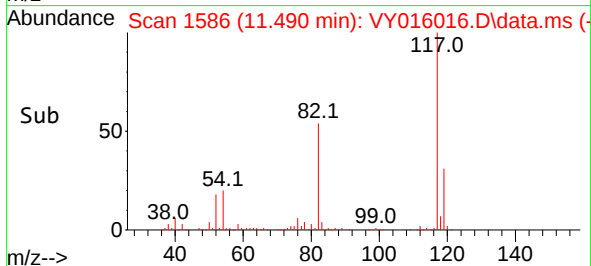
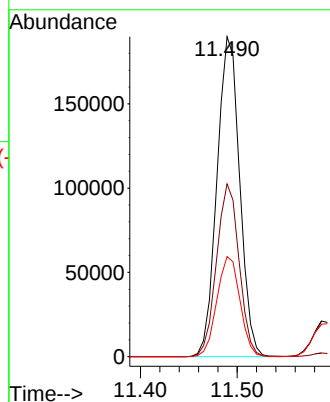
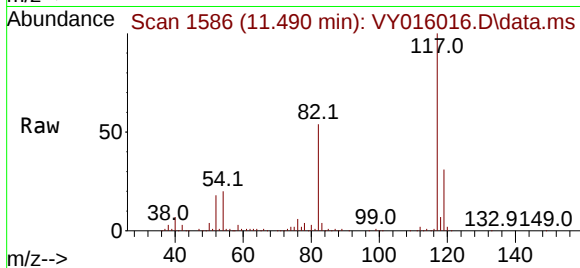
119 31.3 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#64

Tetrachloroethene

Concen: 19.766 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY016016.D

Acq: 18 Oct 2023 12:17

Tgt Ion:164 Resp: 47457

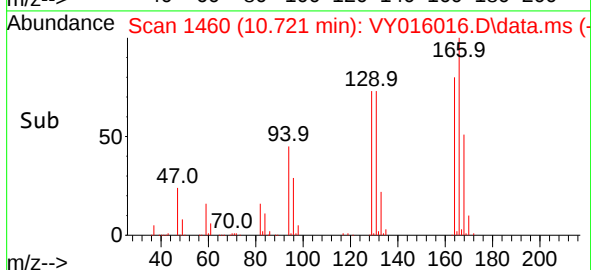
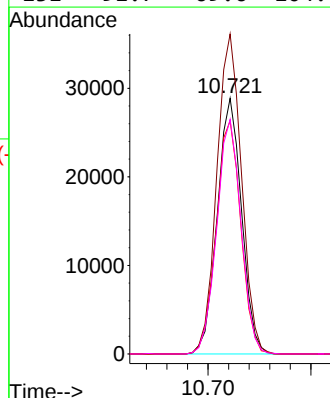
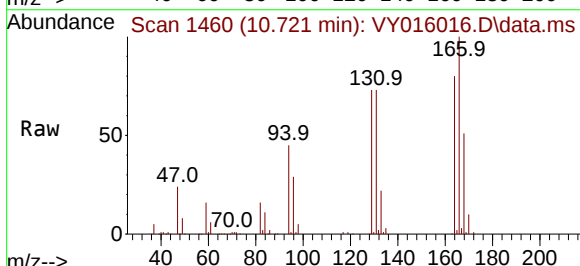
Ion Ratio Lower Upper

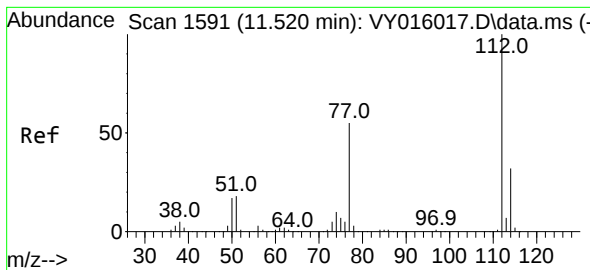
164 100

166 125.1 103.0 154.6

129 91.2 77.2 115.8

131 91.7 69.6 104.4





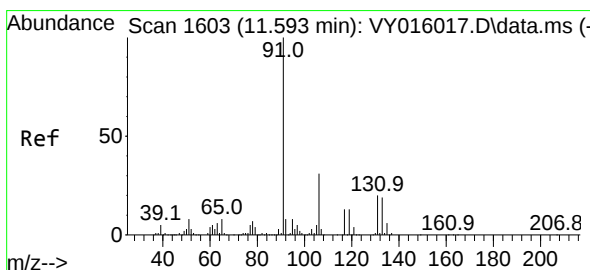
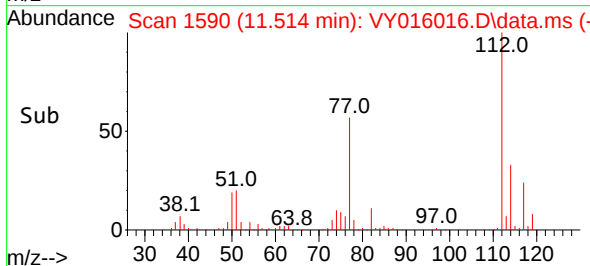
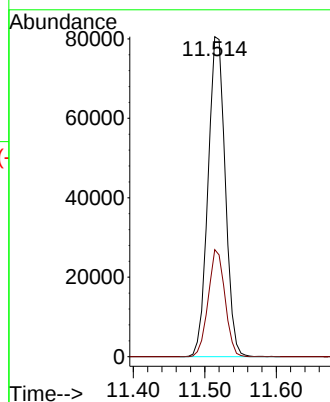
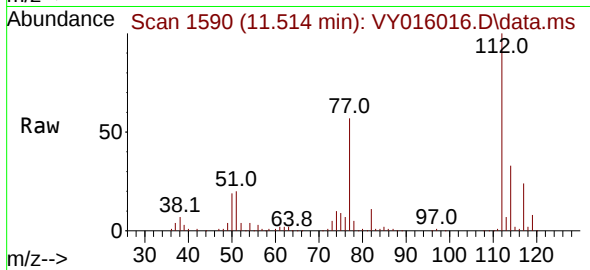
#65
Chlorobenzene
Concen: 20.056 ug/l
RT: 11.514 min Scan# 1159
Delta R.T. -0.006 min
Lab File: VY016016.D
Acq: 18 Oct 2023 12:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:112 Resp: 134488
Ion Ratio Lower Upper
112 100
114 33.4 25.5 38.3

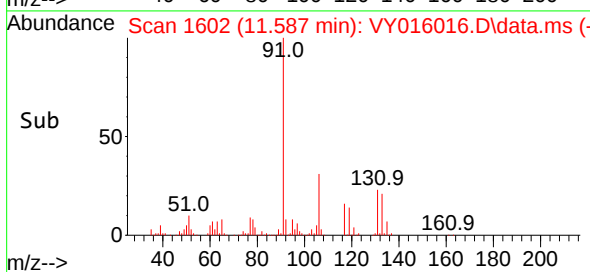
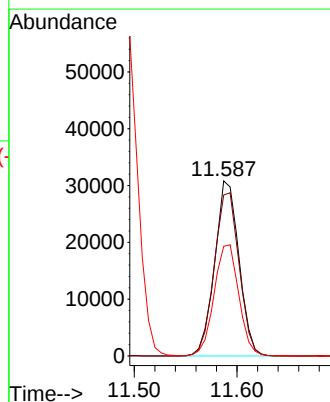
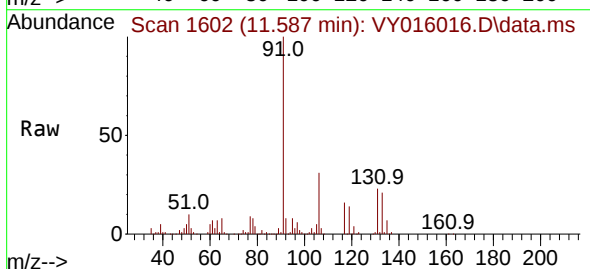
Manual Integrations
APPROVED

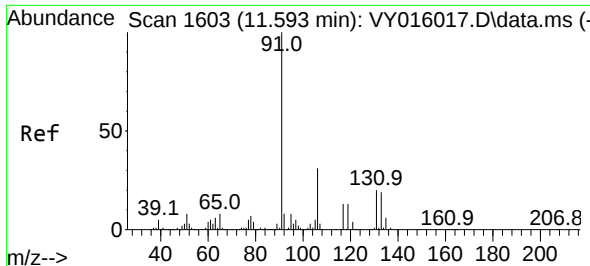
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 19.976 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY016016.D
Acq: 18 Oct 2023 12:17

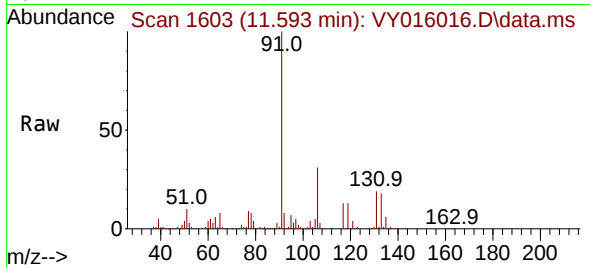
Tgt Ion:131 Resp: 50488
Ion Ratio Lower Upper
131 100
133 95.7 47.5 142.6
119 64.9 31.6 94.7





#67
Ethyl Benzene
Concen: 20.187 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY016016.D
Acq: 18 Oct 2023 12:17

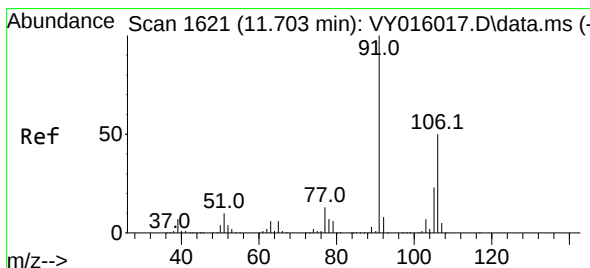
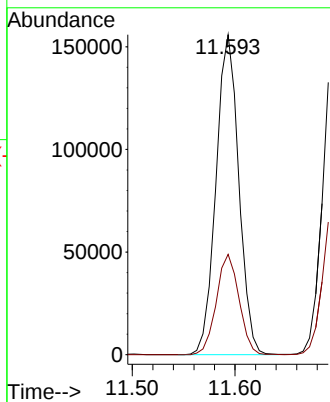
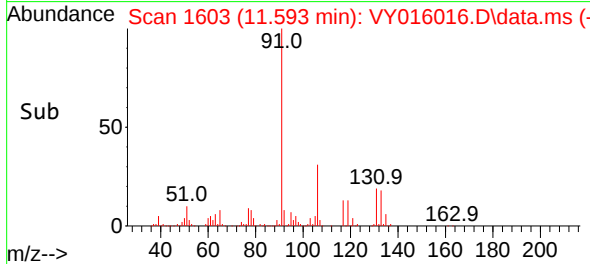
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



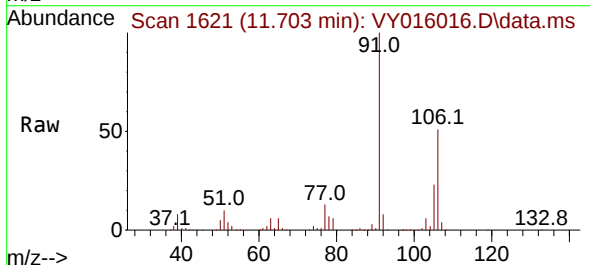
Tgt Ion: 91 Resp: 23953
Ion Ratio Lower Upper
91 100
106 31.3 24.6 36.8

Manual Integrations
APPROVED

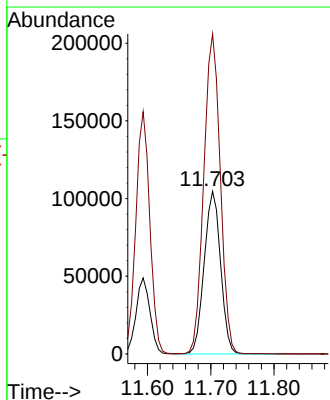
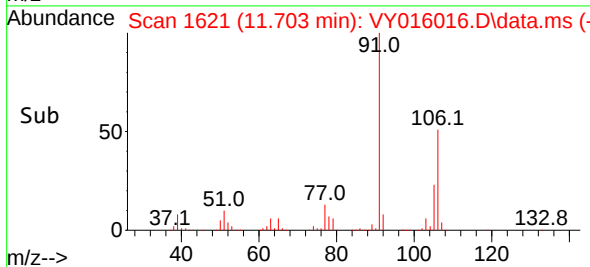
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

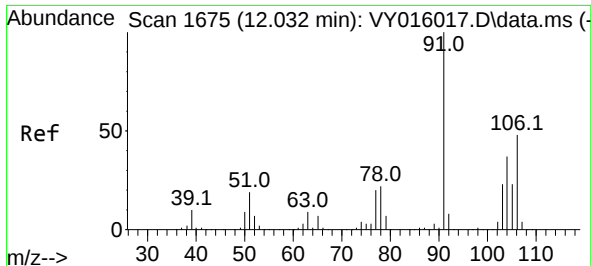


#68
m/p-Xylenes
Concen: 40.769 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY016016.D
Acq: 18 Oct 2023 12:17



Tgt Ion:106 Resp: 188641
Ion Ratio Lower Upper
106 100
91 198.3 166.1 249.1





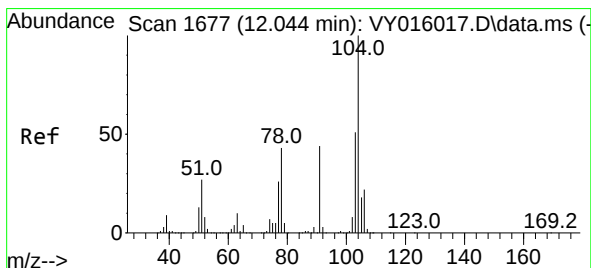
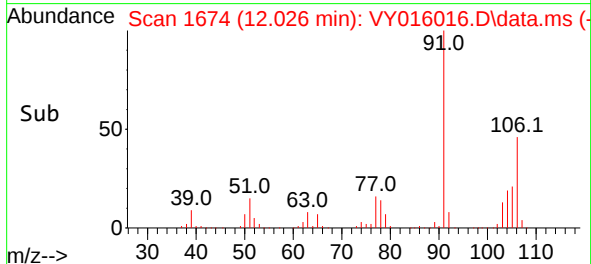
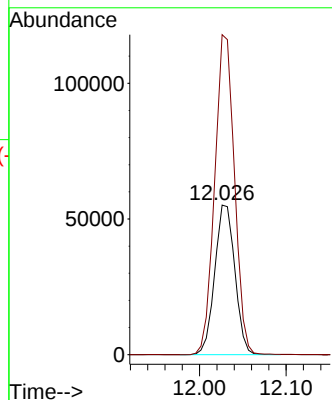
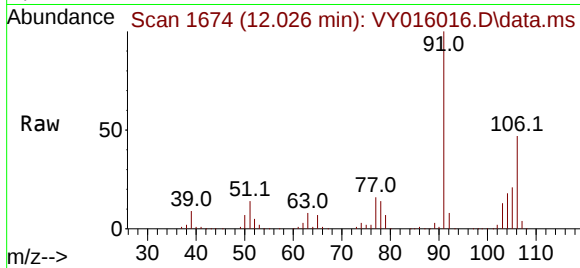
#69
o-Xylene
Concen: 20.250 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY016016.D
Acq: 18 Oct 2023 12:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 89130
Ion Ratio Lower Upper
106 100
91 210.2 108.1 324.3

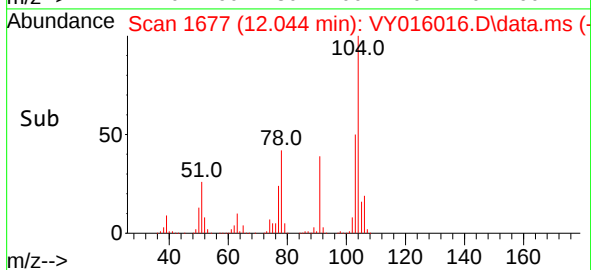
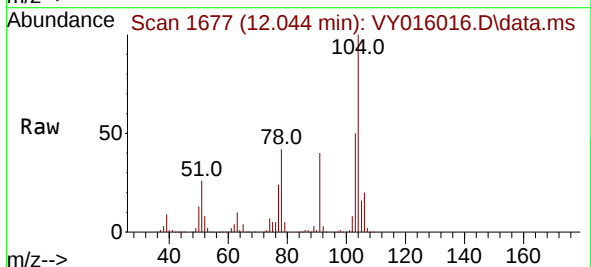
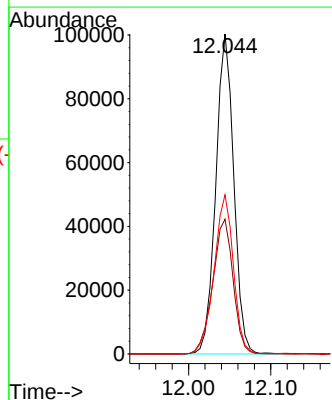
Manual Integrations
APPROVED

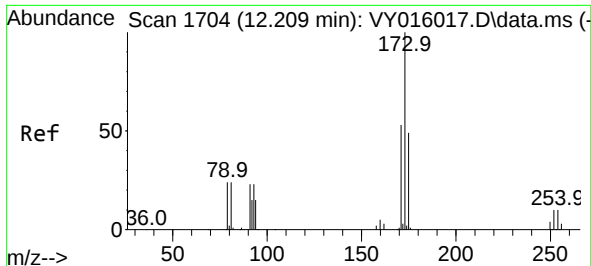
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#70
Styrene
Concen: 20.348 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY016016.D
Acq: 18 Oct 2023 12:17

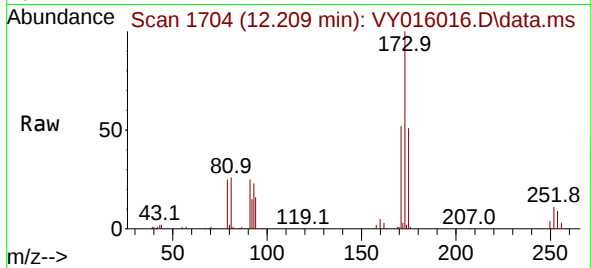
Tgt Ion:104 Resp: 152655
Ion Ratio Lower Upper
104 100
78 47.6 41.5 62.3
103 53.6 44.6 67.0





#71
Bromoform
Concen: 19.113 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VY016016.D
Acq: 18 Oct 2023 12:17

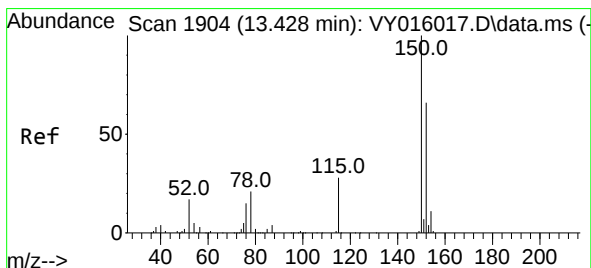
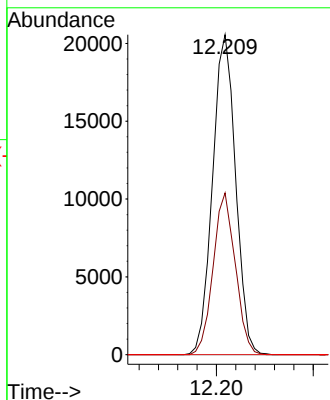
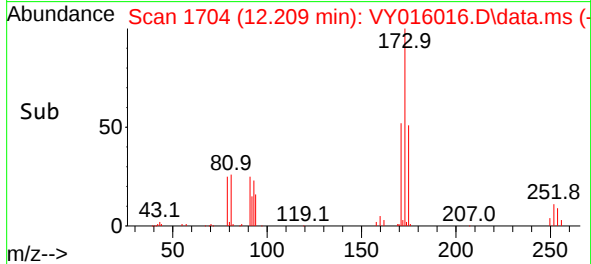
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



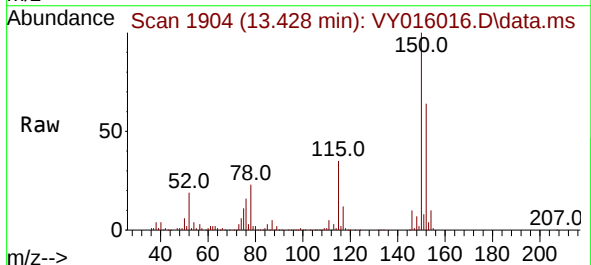
Tgt Ion:173 Resp: 3399
Ion Ratio Lower Upper
173 100
175 48.6 24.6 73.8
254 0.0 0.2 0.2

Manual Integrations
APPROVED

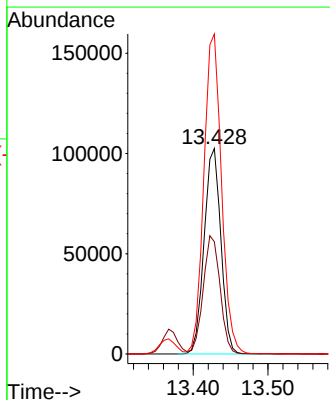
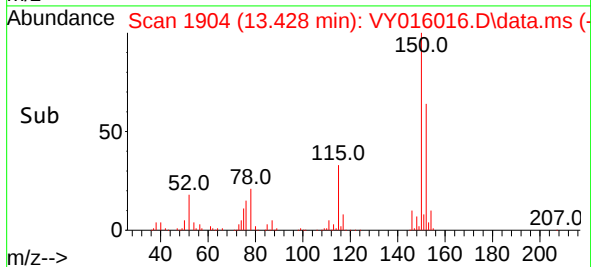
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

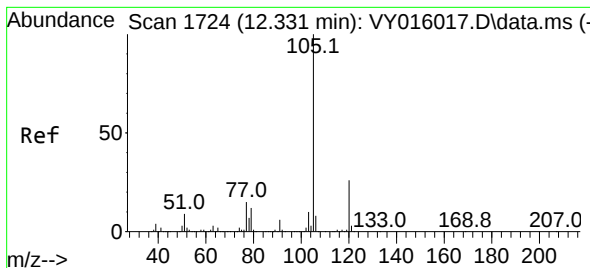


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY016016.D
Acq: 18 Oct 2023 12:17



Tgt Ion:152 Resp: 159559
Ion Ratio Lower Upper
152 100
115 57.8 28.8 86.5
150 164.0 0.0 348.8





#73

Isopropylbenzene

Concen: 19.921 ug/l

RT: 12.331 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY016016.D

Acq: 18 Oct 2023 12:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion:105 Resp: 237764

Ion Ratio Lower Upper

105 100

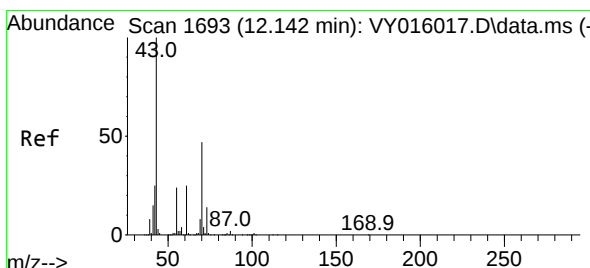
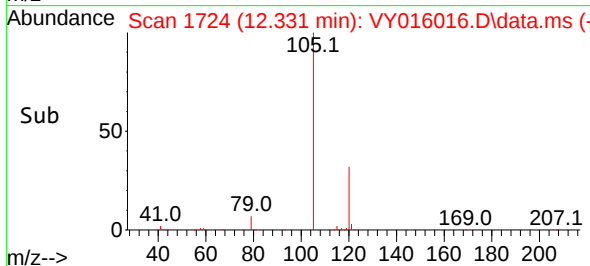
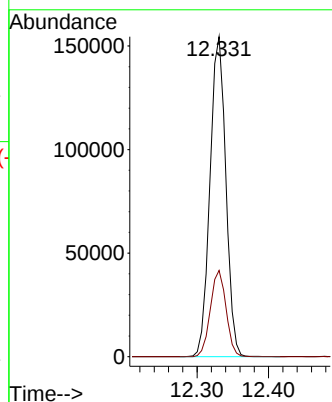
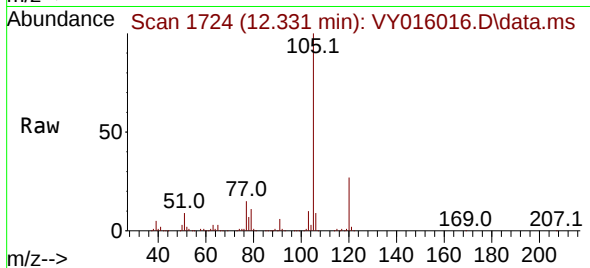
120 26.7 13.3 39.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#74

N-ethyl acetate

Concen: 18.446 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY016016.D

Acq: 18 Oct 2023 12:17

Tgt Ion: 43 Resp: 69538

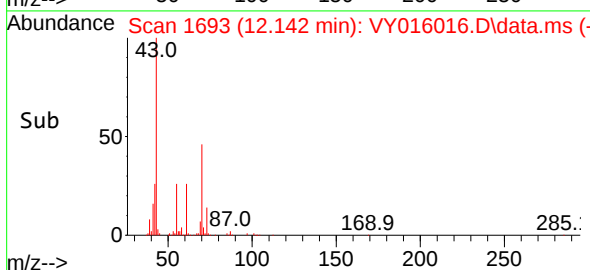
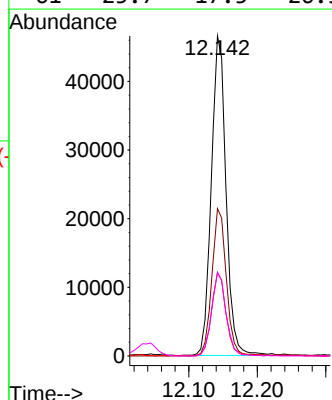
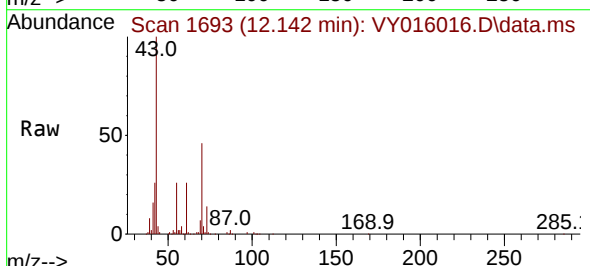
Ion Ratio Lower Upper

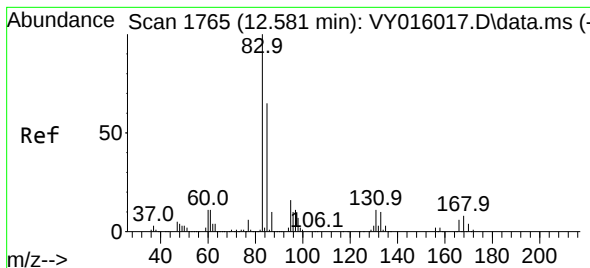
43 100

70 45.4 29.7 44.5#

55 26.0 18.3 27.5

61 25.7 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 18.731 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY016016.D

Acq: 18 Oct 2023 12:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

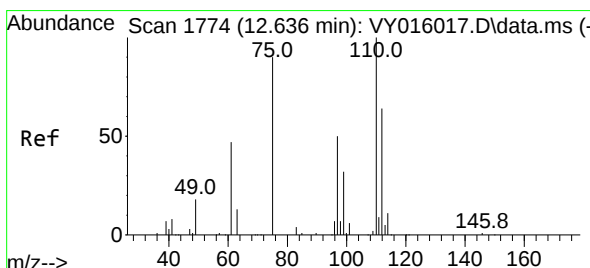
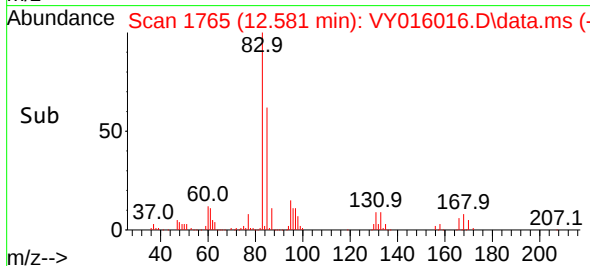
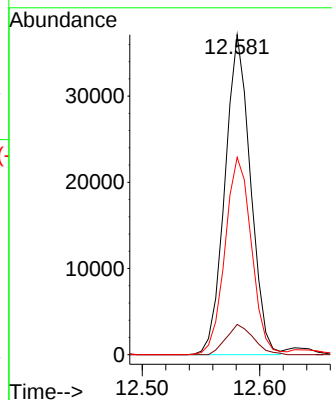
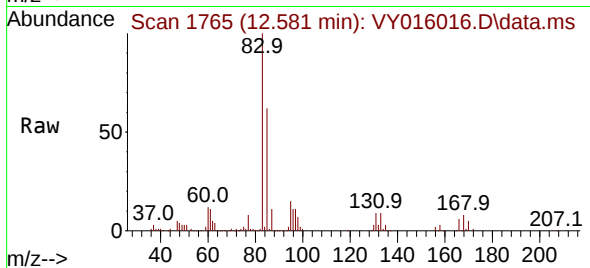
Tgt Ion:	83	Resp:	55994
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.4	16.2
85	64.0	31.8	95.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#76

1,2,3-Trichloropropane

Concen: 18.265 ug/l m

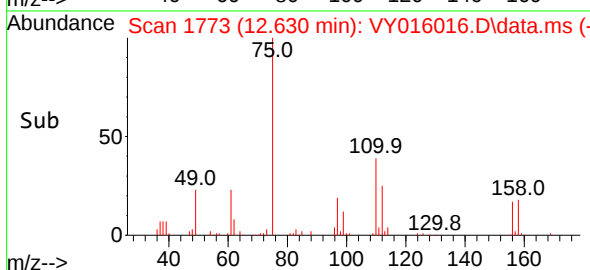
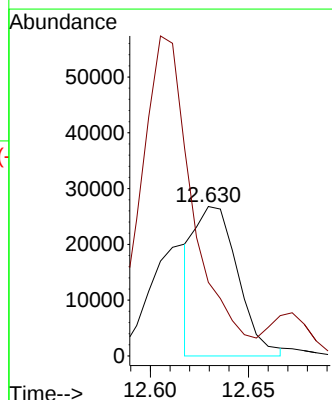
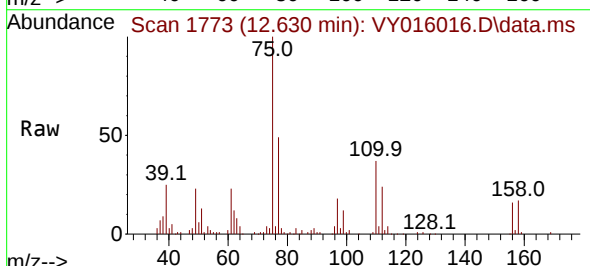
RT: 12.630 min Scan# 1773

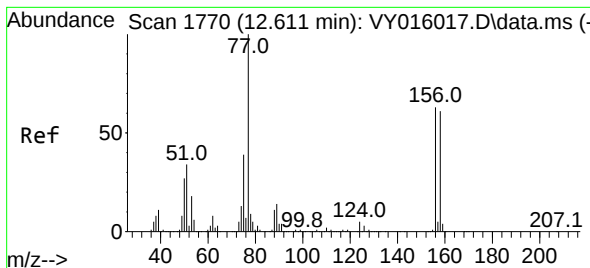
Delta R.T. -0.006 min

Lab File: VY016016.D

Acq: 18 Oct 2023 12:17

Tgt Ion:	75	Resp:	41110
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.722 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY016016.D

Acq: 18 Oct 2023 12:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

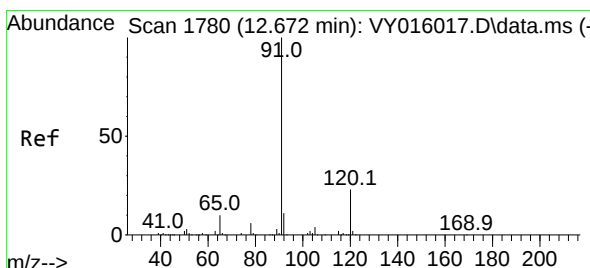
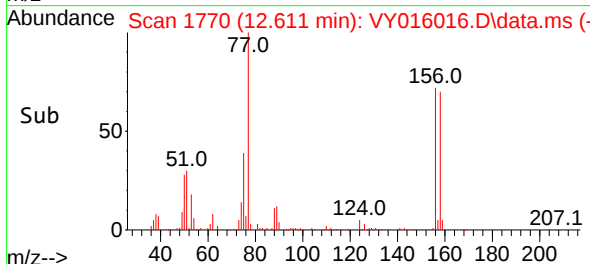
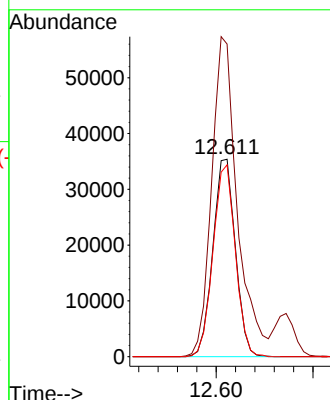
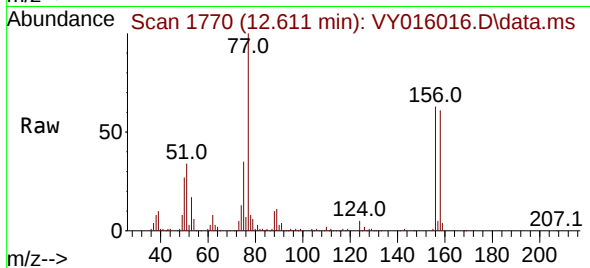
Tgt Ion:	156	Resp:	5713
Ion Ratio	Lower	Upper	
156	100		
77	184.9	92.8	278.6
158	96.5	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#78

n-propylbenzene

Concen: 20.388 ug/l

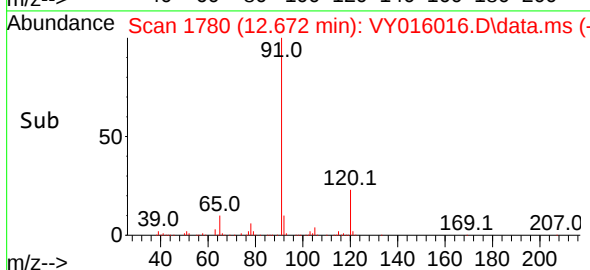
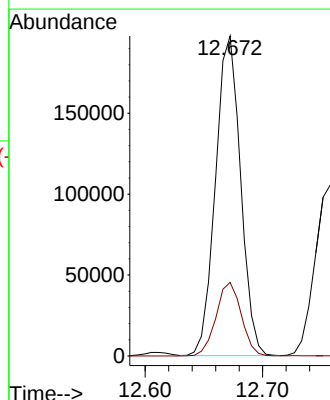
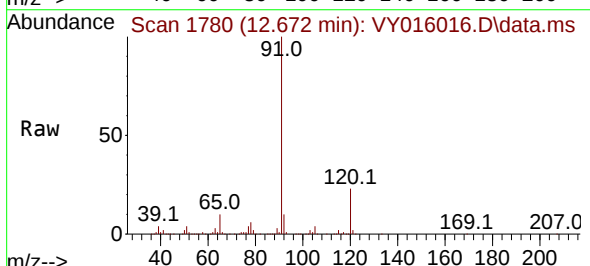
RT: 12.672 min Scan# 1780

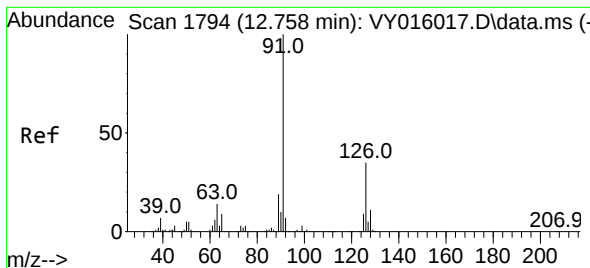
Delta R.T. 0.000 min

Lab File: VY016016.D

Acq: 18 Oct 2023 12:17

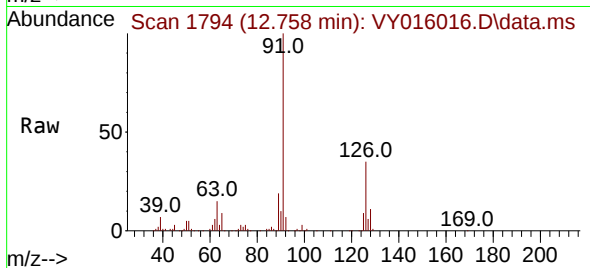
Tgt Ion:	91	Resp:	293107
Ion Ratio	Lower	Upper	
91	100		
120	23.1	11.5	34.4





#79
2-Chlorotoluene
Concen: 20.238 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY016016.D
Acq: 18 Oct 2023 12:17

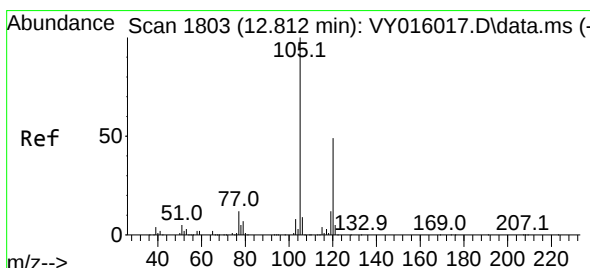
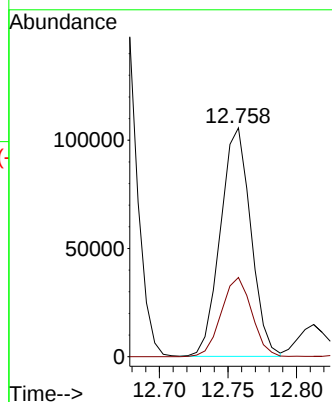
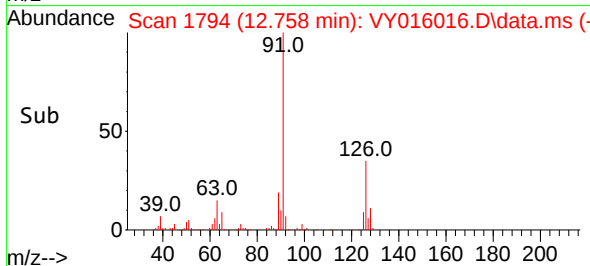
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



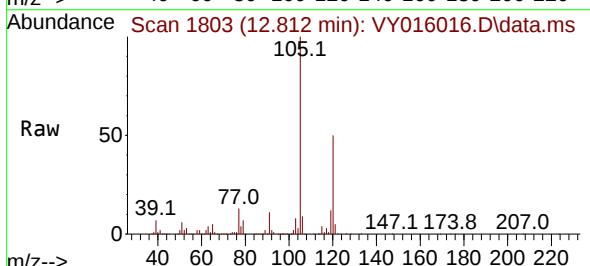
Tgt Ion: 91 Resp: 163304
Ion Ratio Lower Upper
91 100
126 34.8 17.3 51.7

Manual Integrations
APPROVED

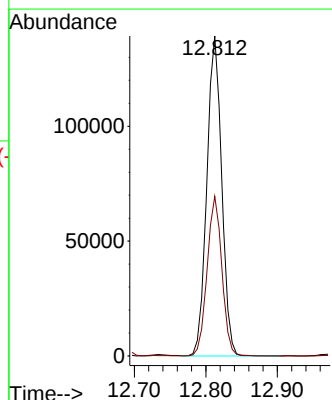
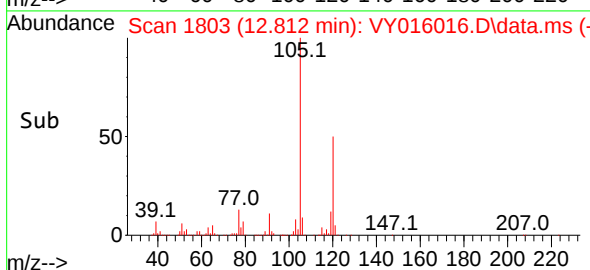
Reviewed By :John Carbone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

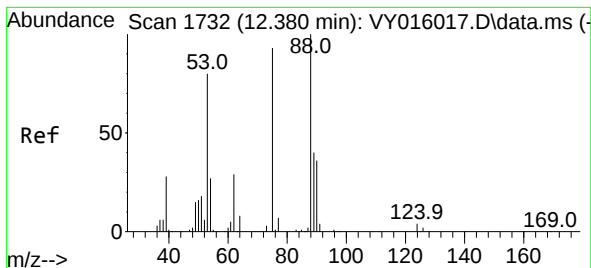


#80
1,3,5-Trimethylbenzene
Concen: 20.383 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY016016.D
Acq: 18 Oct 2023 12:17



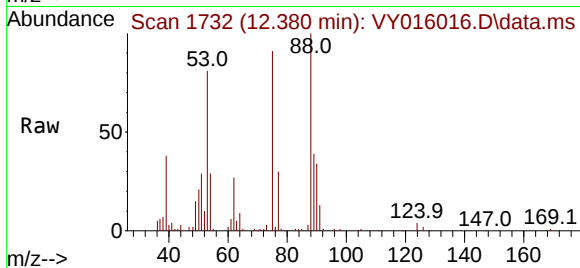
Tgt Ion:105 Resp: 201509
Ion Ratio Lower Upper
105 100
120 49.4 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 17.717 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY016016.D
Acq: 18 Oct 2023 12:17

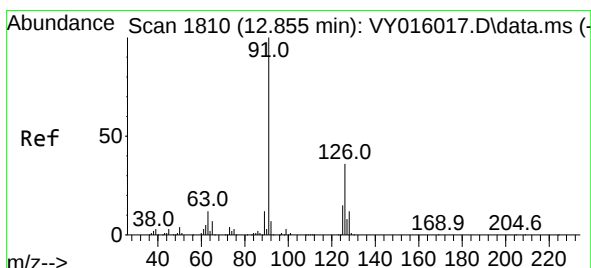
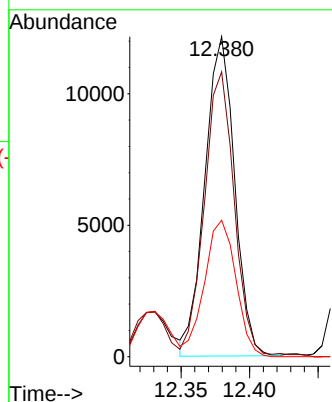
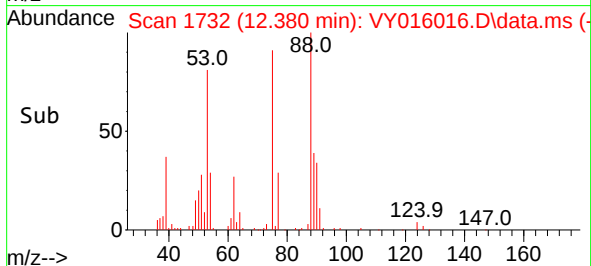
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 75 Resp: 18330
Ion Ratio Lower Upper
75 100
53 90.1 77.8 116.8
89 45.4 37.4 56.0

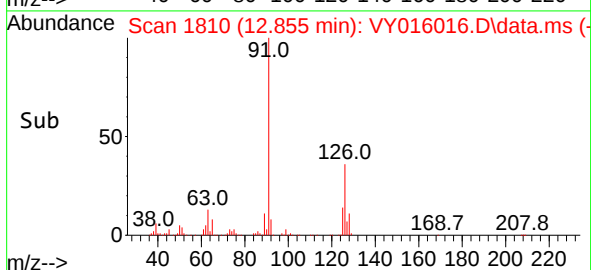
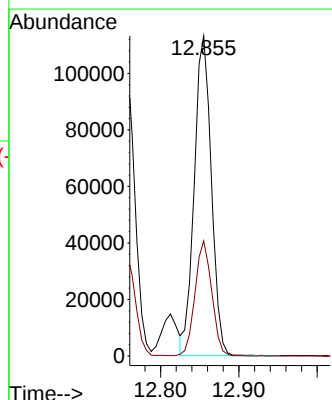
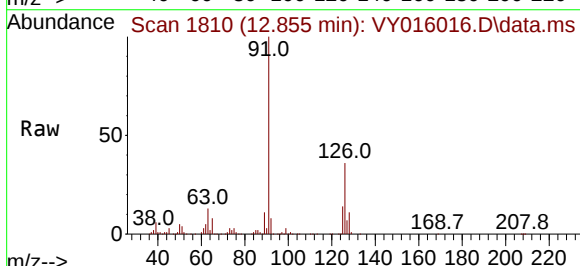
Manual Integrations
APPROVED

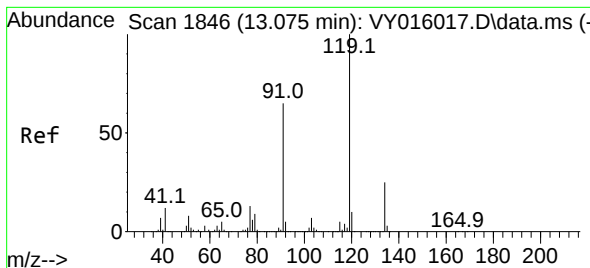
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#82
4-Chlorotoluene
Concen: 20.397 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY016016.D
Acq: 18 Oct 2023 12:17

Tgt Ion: 91 Resp: 171772
Ion Ratio Lower Upper
91 100
126 35.3 17.2 51.6





#83

tert-Butylbenzene

Concen: 20.299 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY016016.D

Acq: 18 Oct 2023 12:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion:119 Resp: 17596

Ion Ratio Lower Upper

119 100

91 64.2 32.9 98.6

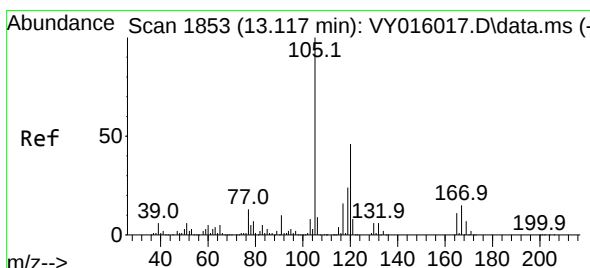
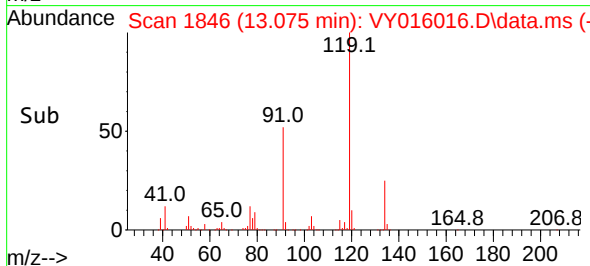
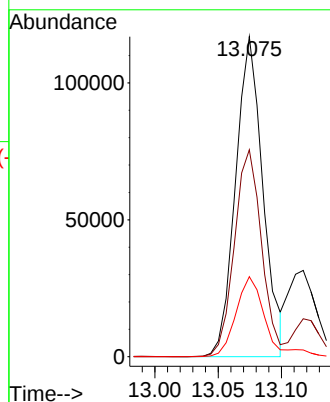
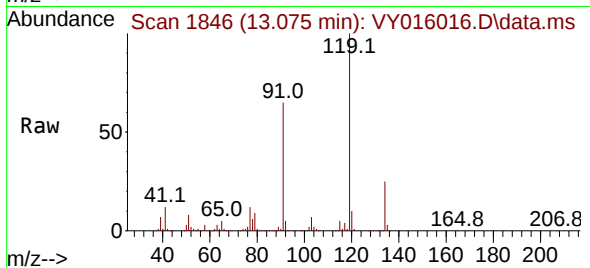
134 26.8 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#84

1,2,4-Trimethylbenzene

Concen: 20.381 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY016016.D

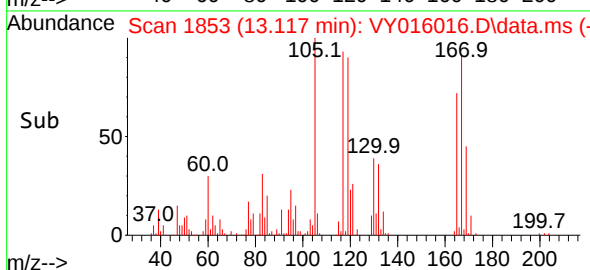
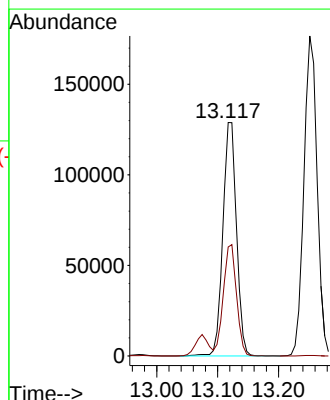
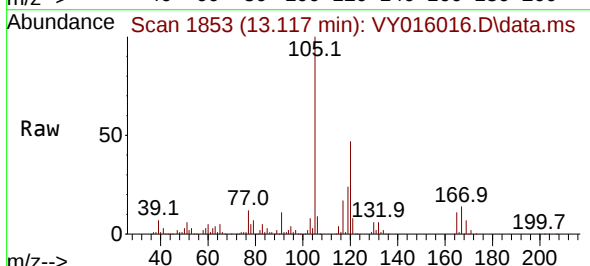
Acq: 18 Oct 2023 12:17

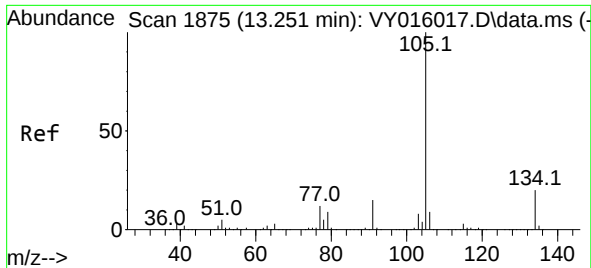
Tgt Ion:105 Resp: 200082

Ion Ratio Lower Upper

105 100

120 46.3 22.2 66.6





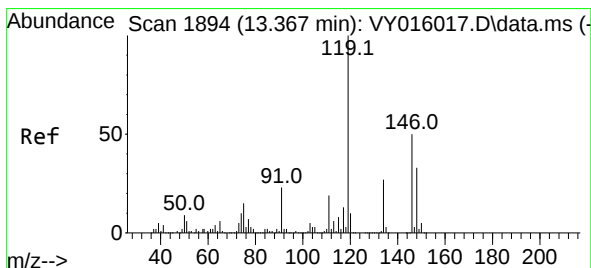
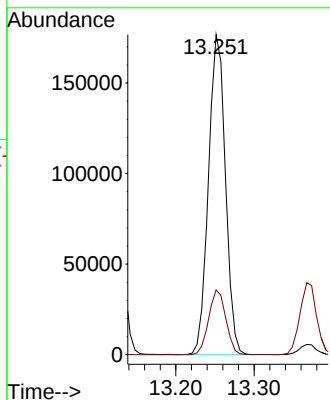
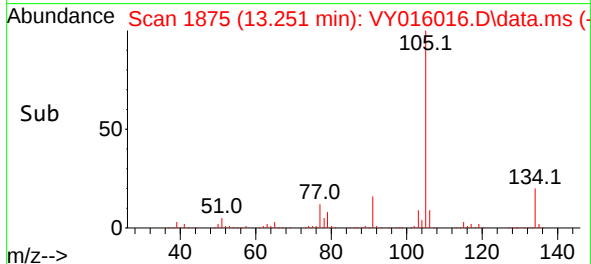
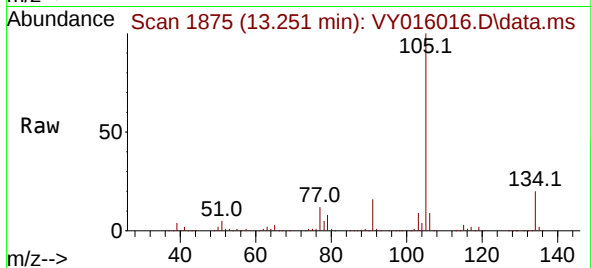
#85
 sec-Butylbenzene
 Concen: 20.524 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY016016.D
 Acq: 18 Oct 2023 12:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Tgt Ion:105 Resp: 26572
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.2 30.6

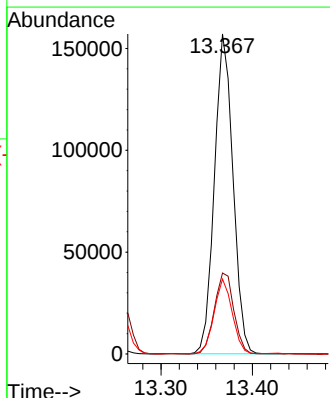
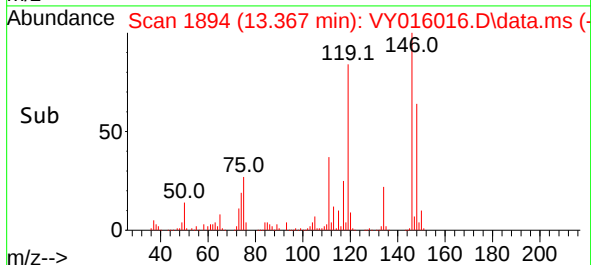
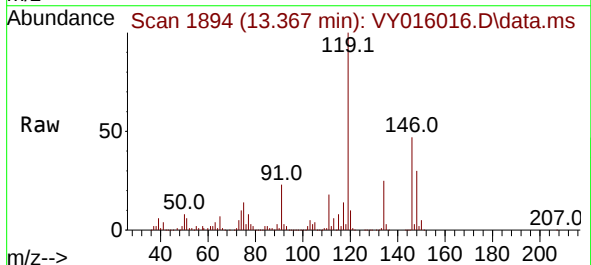
Manual Integrations
 APPROVED

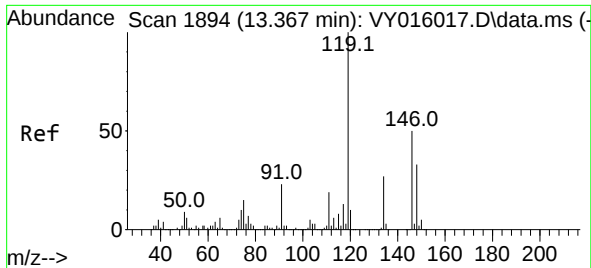
Reviewed By :John Carbone 10/19/2023
 Supervised By :Semsettin Yesilyurt 10/20/2023



#86
 p-Isopropyltoluene
 Concen: 20.458 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY016016.D
 Acq: 18 Oct 2023 12:17

Tgt Ion:119 Resp: 221352
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.3 39.8
 91 22.9 12.4 37.4





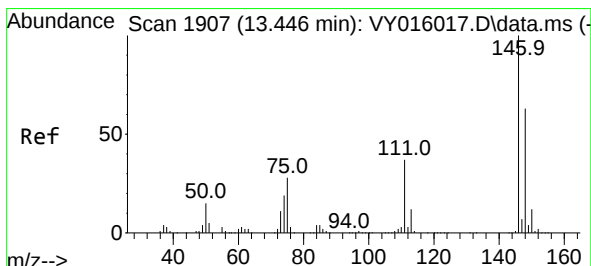
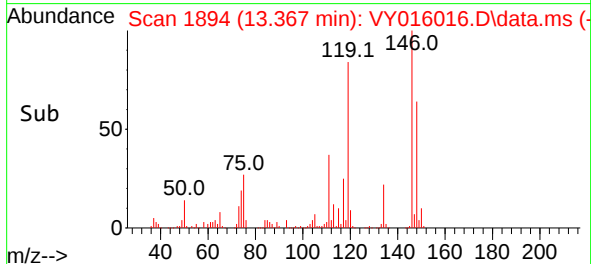
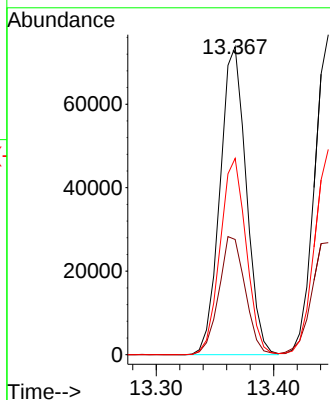
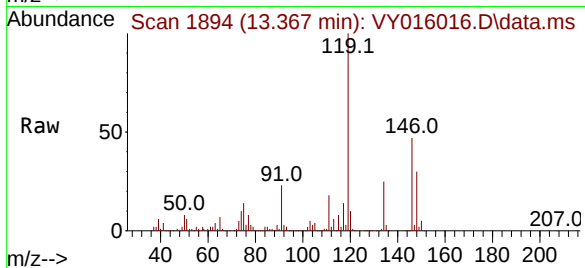
#87
1,3-Dichlorobenzene
Concen: 20.257 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY016016.D
Acq: 18 Oct 2023 12:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:146 Resp: 114179
Ion Ratio Lower Upper
146 100
111 38.6 19.4 58.2
148 63.5 31.9 95.5

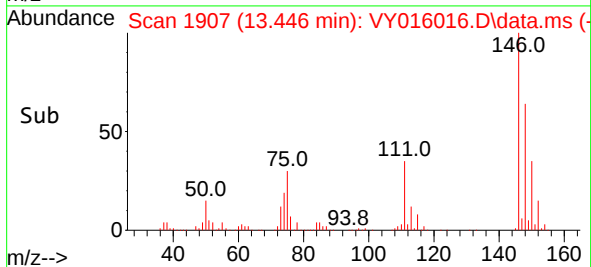
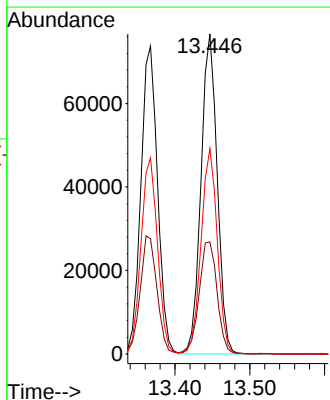
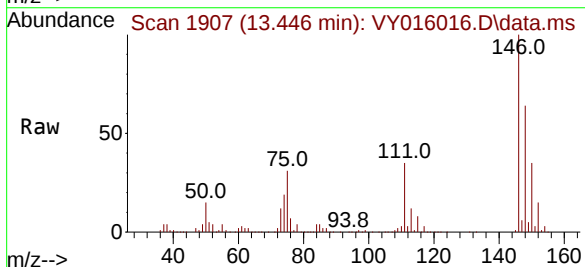
Manual Integrations
APPROVED

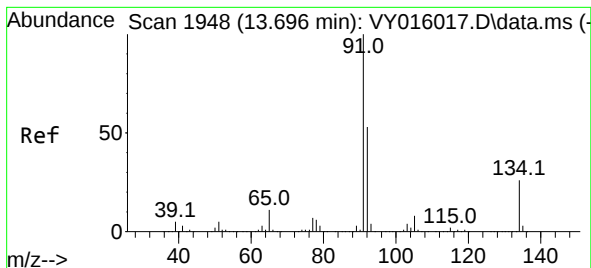
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#88
1,4-Dichlorobenzene
Concen: 20.390 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY016016.D
Acq: 18 Oct 2023 12:17

Tgt Ion:146 Resp: 115715
Ion Ratio Lower Upper
146 100
111 39.0 18.9 56.7
148 64.1 32.1 96.5





#89

n-Butylbenzene

Concen: 20.508 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY016016.D

Acq: 18 Oct 2023 12:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 91 Resp: 20656

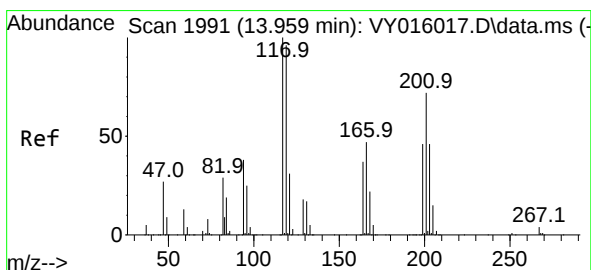
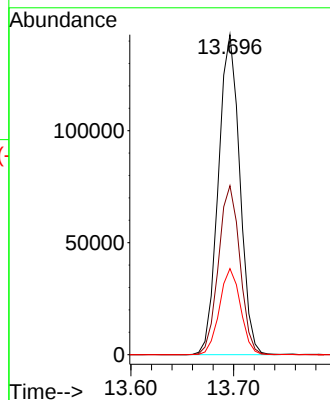
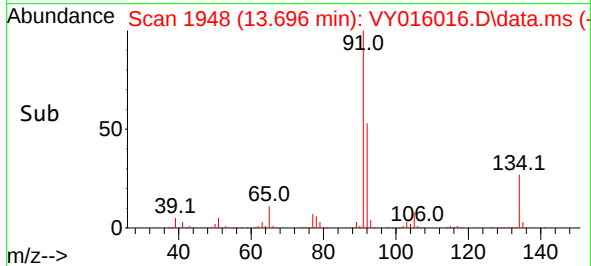
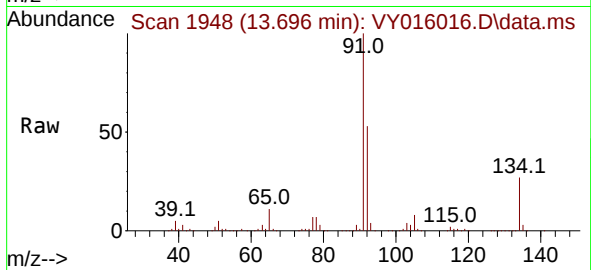
Ion	Ratio	Lower	Upper
91	100		
92	52.9	25.4	76.0
134	26.5	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#90

Hexachloroethane

Concen: 20.226 ug/l

RT: 13.959 min Scan# 1991

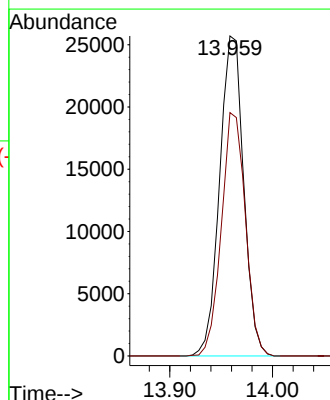
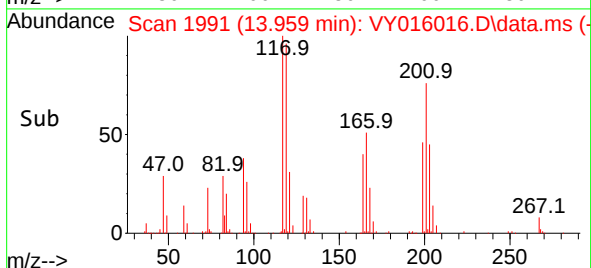
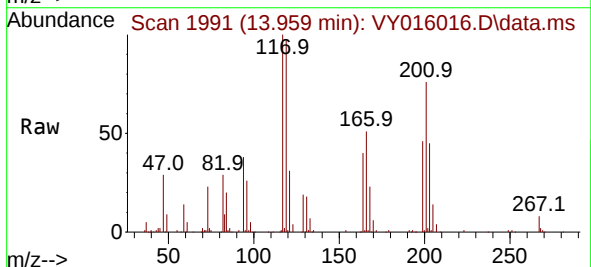
Delta R.T. 0.000 min

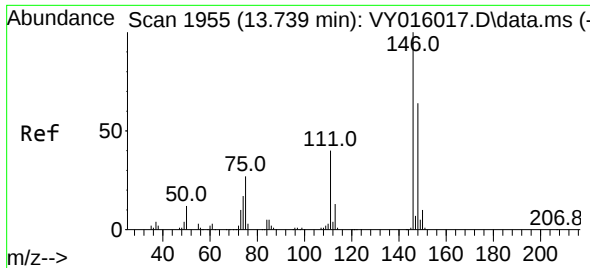
Lab File: VY016016.D

Acq: 18 Oct 2023 12:17

Tgt Ion:117 Resp: 41717

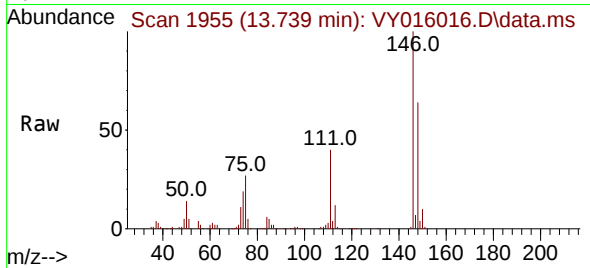
Ion	Ratio	Lower	Upper
117	100		
201	75.9	41.6	124.8





#91
1,2-Dichlorobenzene
Concen: 20.163 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY016016.D
Acq: 18 Oct 2023 12:17

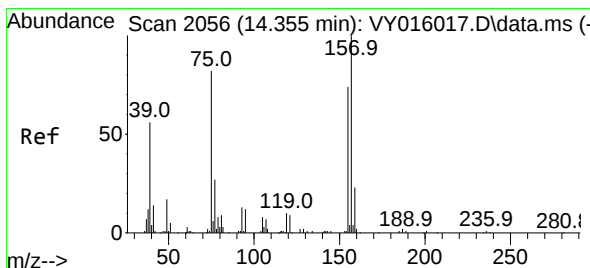
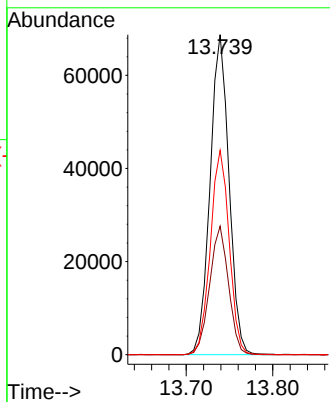
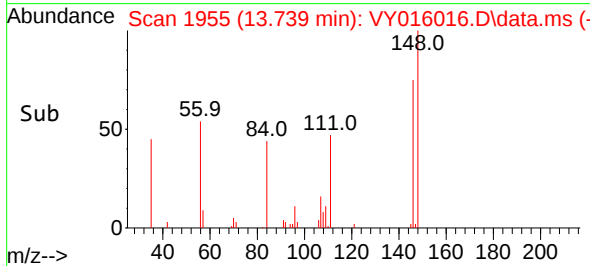
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



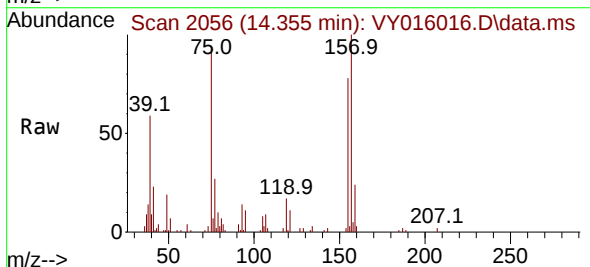
Tgt Ion:146 Resp: 10434
Ion Ratio Lower Upper
146 100
111 40.1 19.7 59.0
148 63.5 32.0 96.2

Manual Integrations
APPROVED

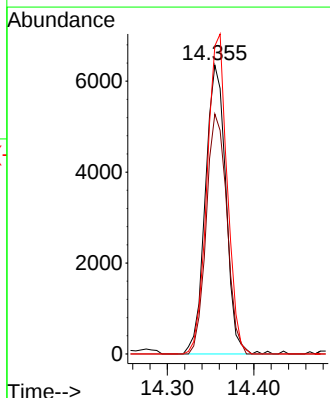
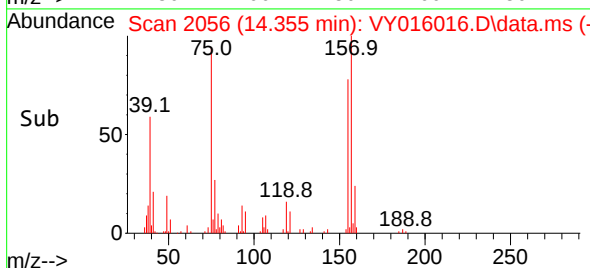
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

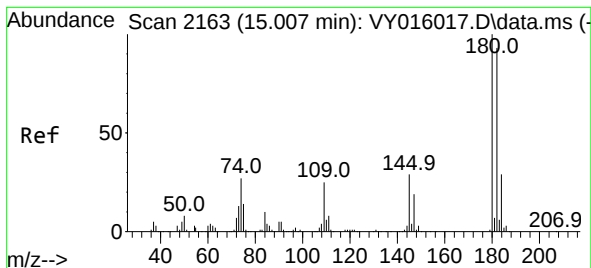


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.338 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY016016.D
Acq: 18 Oct 2023 12:17



Tgt Ion: 75 Resp: 10435
Ion Ratio Lower Upper
75 100
155 83.4 41.5 124.6
157 108.2 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 19.642 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY016016.D

Acq: 18 Oct 2023 12:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

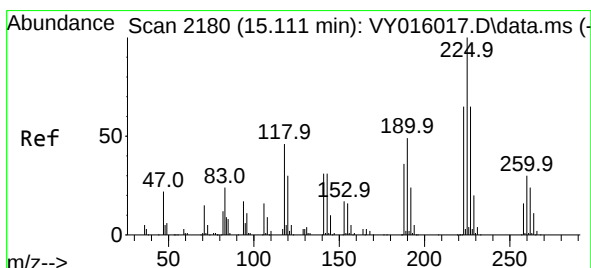
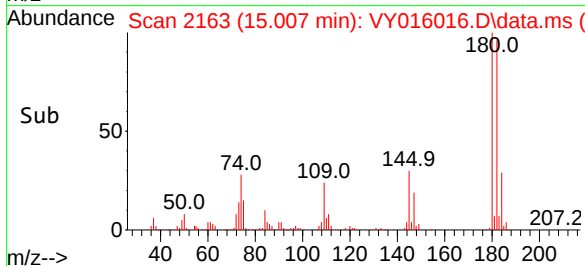
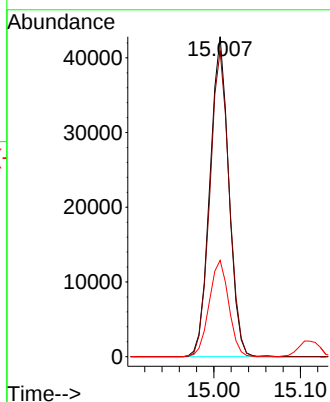
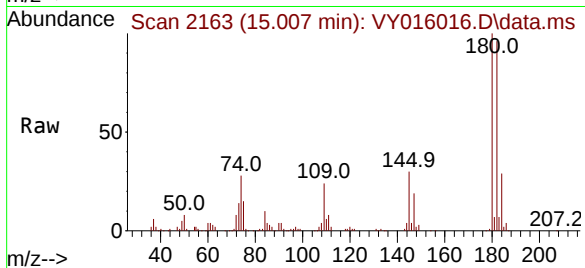
Tgt Ion:180	Resp: 64750
Ion Ratio	Lower Upper
180 100	
182 97.2	47.0 141.2
145 31.3	14.5 43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#94

Hexachlorobutadiene

Concen: 20.620 ug/l

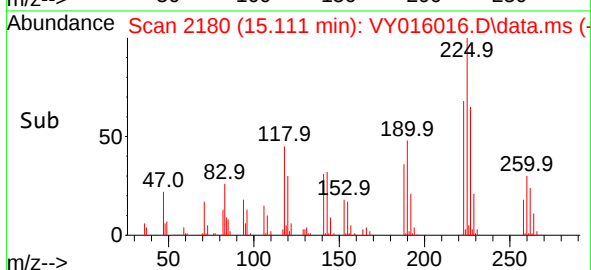
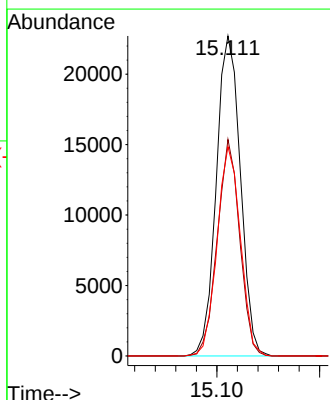
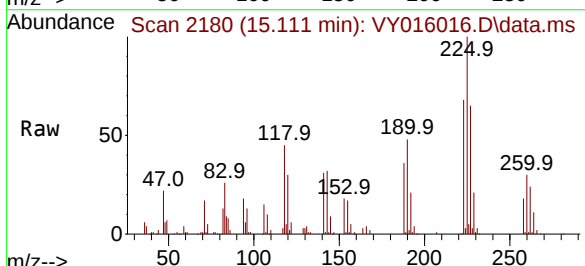
RT: 15.111 min Scan# 2180

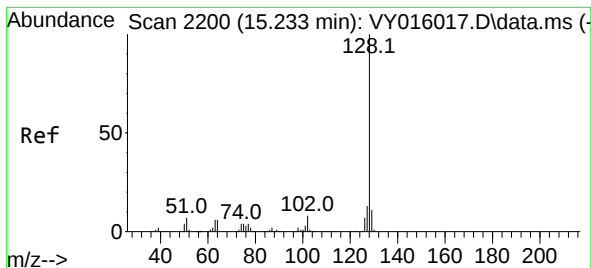
Delta R.T. 0.000 min

Lab File: VY016016.D

Acq: 18 Oct 2023 12:17

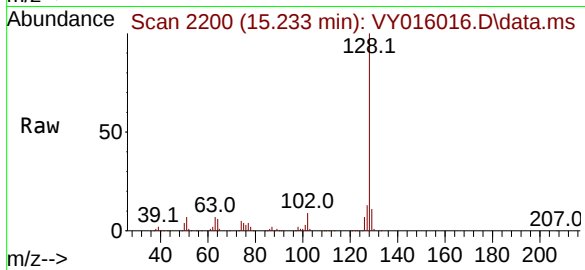
Tgt Ion:225	Resp: 36925
Ion Ratio	Lower Upper
225 100	
223 62.7	31.9 95.9
227 63.3	33.0 98.9





#95
Naphthalene
Concen: 17.972 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. 0.000 min
Lab File: VY016016.D
Acq: 18 Oct 2023 12:17

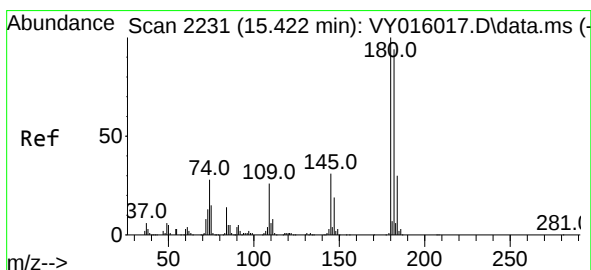
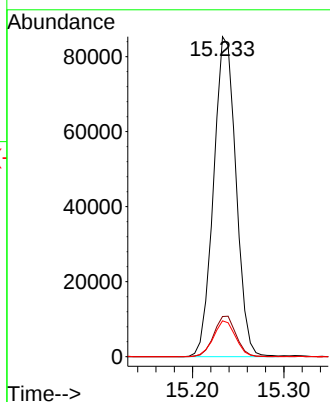
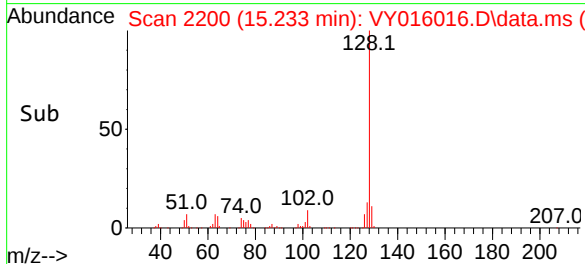
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



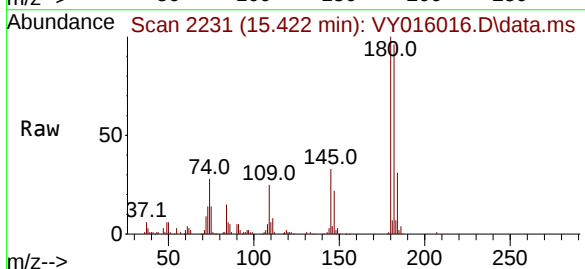
Tgt Ion:128 Resp: 14542
Ion Ratio Lower Upper
128 100
127 12.6 10.8 16.2
129 11.1 8.6 13.0

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 19.330 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. 0.000 min
Lab File: VY016016.D
Acq: 18 Oct 2023 12:17



Tgt Ion:180 Resp: 58211
Ion Ratio Lower Upper
180 100
182 95.8 47.3 141.8
145 32.4 15.4 46.2

