

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101923\
 Data File : VY016036.D
 Acq On : 19 Oct 2023 14:25
 Operator : SY/MD
 Sample : VY1019SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1019SBS01

Manual Integrations
 APPROVED

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

Quant Time: Oct 20 05:35:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 19 03:15:44 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	197593	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	321739	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	287651	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	141831	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	98301	43.771	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	87.540%		
35) Dibromofluoromethane	7.716	113	94938	44.830	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	89.660%		
50) Toluene-d8	10.179	98	341242	44.368	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	88.740%		
62) 4-Bromofluorobenzene	12.483	95	118221	43.078	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	86.160%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	31073	19.027	ug/l	98
3) Chloromethane	2.113	50	41388	20.071	ug/l	98
4) Vinyl Chloride	2.247	62	46025	19.888	ug/l	99
5) Bromomethane	2.656	94	32702	19.372	ug/l	97
6) Chloroethane	2.796	64	28069	18.862	ug/l	94
7) Trichlorofluoromethane	3.119	101	75080	21.318	ug/l	96
8) Diethyl Ether	3.534	74	27009	21.707	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.893	101	42307	20.883	ug/l	94
10) Methyl Iodide	4.088	142	49143	18.577	ug/l	98
11) Tert butyl alcohol	5.100	59	45964m	132.586	ug/l	
12) 1,1-Dichloroethene	3.869	96	38851	20.495	ug/l	89
13) Acrolein	3.741	56	33238	133.207	ug/l	98
14) Allyl chloride	4.479	41	60172	20.300	ug/l	94
15) Acrylonitrile	5.173	53	86003	115.859	ug/l	97
16) Acetone	3.985	43	96170	115.522	ug/l #	88
17) Carbon Disulfide	4.192	76	111362	20.053	ug/l	99
18) Methyl Acetate	4.485	43	67188	23.449	ug/l #	90
19) Methyl tert-butyl Ether	5.222	73	126238	20.643	ug/l	99
20) Methylene Chloride	4.716	84	62476	25.262	ug/l	88
21) trans-1,2-Dichloroethene	5.216	96	44800	20.295	ug/l	94
22) Diisopropyl ether	6.125	45	133053	20.615	ug/l	97
23) Vinyl Acetate	6.064	43	407683	101.829	ug/l #	92
24) 1,1-Dichloroethane	6.015	63	78107	20.399	ug/l	96
25) 2-Butanone	6.996	43	135248	118.610	ug/l	95
26) 2,2-Dichloropropane	6.978	77	66713	19.365	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	50557	19.887	ug/l	93
28) Bromochloromethane	7.338	49	35342	21.582	ug/l	91
29) Tetrahydrofuran	7.362	42	88488	128.204	ug/l	91
30) Chloroform	7.508	83	82641	20.130	ug/l	97
31) Cyclohexane	7.789	56	70968	20.190	ug/l	89
32) 1,1,1-Trichloroethane	7.704	97	73384	19.978	ug/l	99
36) 1,1-Dichloropropene	7.917	75	62895	19.740	ug/l	98
37) Ethyl Acetate	7.082	43	62136	27.055	ug/l	98
38) Carbon Tetrachloride	7.899	117	67460	19.921	ug/l	99
39) Methylcyclohexane	9.185	83	77667	19.506	ug/l	93
40) Benzene	8.161	78	179255	19.962	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	26093m	21.901	ug/l	
42) 1,2-Dichloroethane	8.240	62	56464	19.520	ug/l	94
43) Isopropyl Acetate	8.277	43	88972	22.158	ug/l	97
44) Trichloroethene	8.941	130	52824	20.980	ug/l	97
45) 1,2-Dichloropropane	9.215	63	45771	20.367	ug/l	98
46) Dibromomethane	9.307	93	29991	20.102	ug/l	97
47) Bromodichloromethane	9.496	83	64373	19.686	ug/l	93
48) Methyl methacrylate	9.295	41	38900	21.283	ug/l	86
49) 1,4-Dioxane	9.374	88	12659	532.859	ug/l #	52
51) 4-Methyl-2-Pentanone	10.069	43	281642	121.973	ug/l	92
52) Toluene	10.246	92	116076	19.929	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	69270	19.555	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	76831	19.898	ug/l	90
55) 1,1,2-Trichloroethane	10.648	97	41838	20.412	ug/l	98
56) Ethyl methacrylate	10.514	69	62243	20.779	ug/l #	86
57) 1,3-Dichloropropane	10.788	76	70859	20.378	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	153450	106.652	ug/l	94
59) 2-Hexanone	10.837	43	220545	125.540	ug/l	89
60) Dibromochloromethane	10.983	129	48984	19.761	ug/l	99
61) 1,2-Dibromoethane	11.087	107	42493	20.371	ug/l	100
64) Tetrachloroethene	10.721	164	51591	23.130	ug/l	96
65) Chlorobenzene	11.514	112	125420	20.133	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	47140	20.076	ug/l	99
67) Ethyl Benzene	11.593	91	221747	20.116	ug/l	97
68) m/p-Xylenes	11.703	106	172189	40.057	ug/l	95
69) o-Xylene	12.032	106	82224	20.107	ug/l	96
70) Styrene	12.044	104	137455	19.722	ug/l	96
71) Bromoform	12.209	173	33910	20.524	ug/l #	100
73) Isopropylbenzene	12.331	105	214478	20.216	ug/l	100
74) N-amyl acetate	12.142	43	74980	22.375	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	57939	21.804	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	45968m	22.890	ug/l	
77) Bromobenzene	12.611	156	52747	20.483	ug/l	97
78) n-propylbenzene	12.672	91	264267	20.680	ug/l	100
79) 2-Chlorotoluene	12.758	91	147295	20.535	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	178882	20.356	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	19590	21.294	ug/l	95
82) 4-Chlorotoluene	12.855	91	154094	20.584	ug/l	100
83) tert-Butylbenzene	13.075	119	154487	20.048	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	177209	20.307	ug/l	99
85) sec-Butylbenzene	13.251	105	234625	20.387	ug/l	100
86) p-Isopropyltoluene	13.367	119	193962	20.168	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	101685	20.295	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	104751	20.765	ug/l	99
89) n-Butylbenzene	13.696	91	180706	20.183	ug/l	96
90) Hexachloroethane	13.959	117	36952	20.155	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	93208	20.262	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	11239	22.219	ug/l	82
93) 1,2,4-Trichlorobenzene	15.007	180	56575	19.305	ug/l	99
94) Hexachlorobutadiene	15.111	225	29805	18.725	ug/l	100
95) Naphthalene	15.233	128	145236	20.192	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	50975	19.043	ug/l	98

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

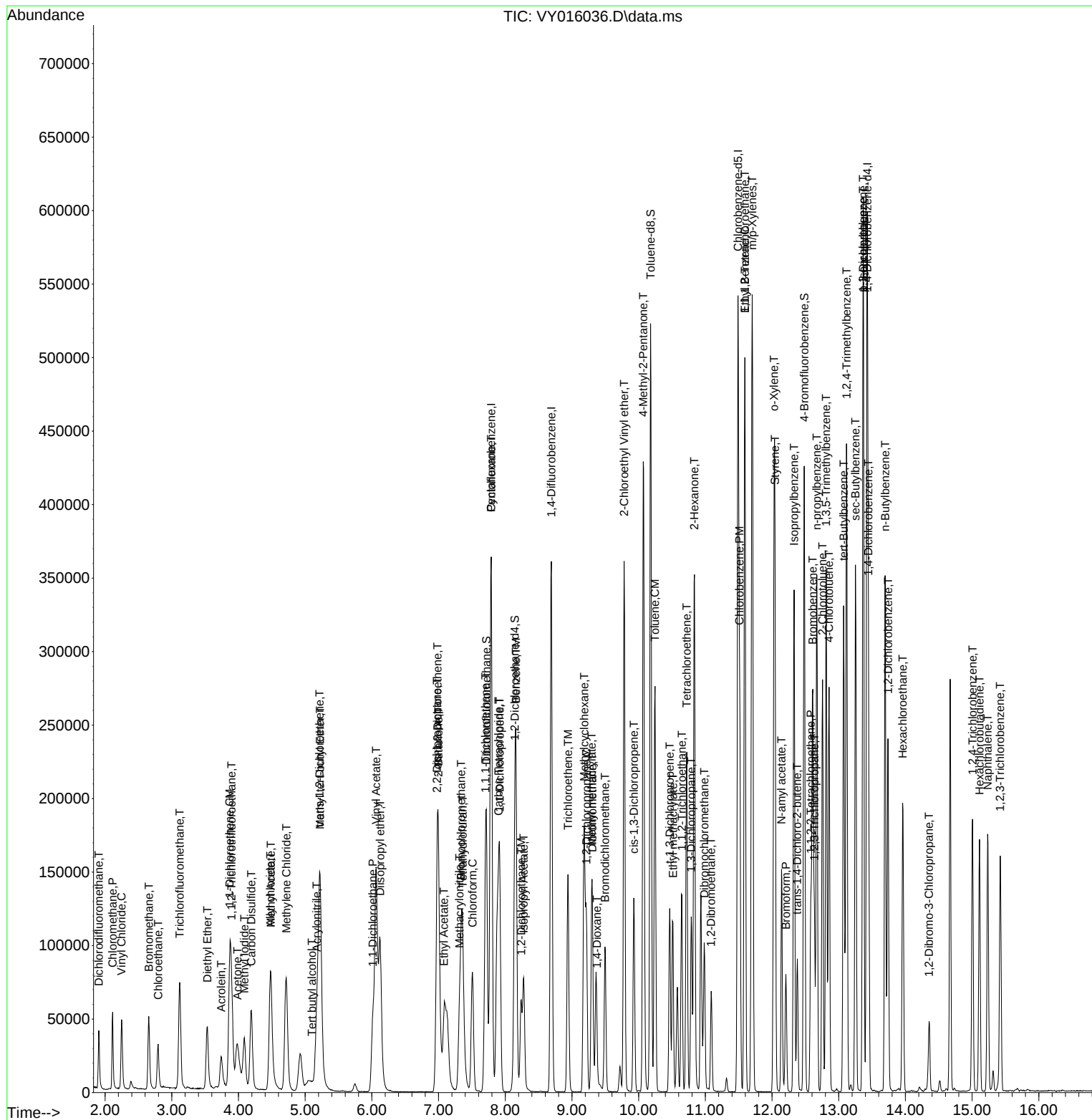
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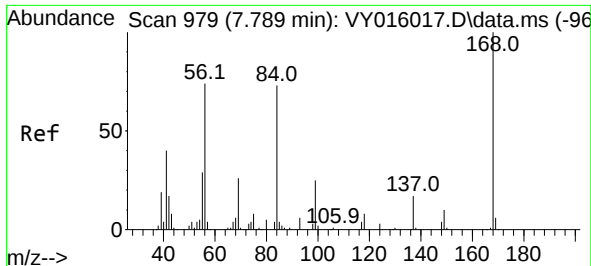
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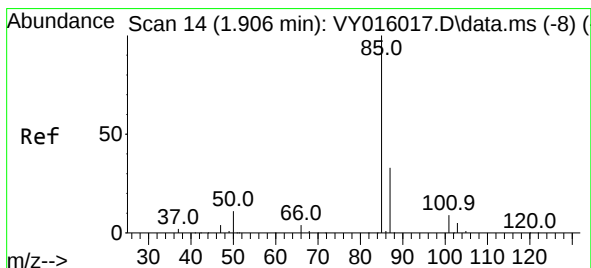
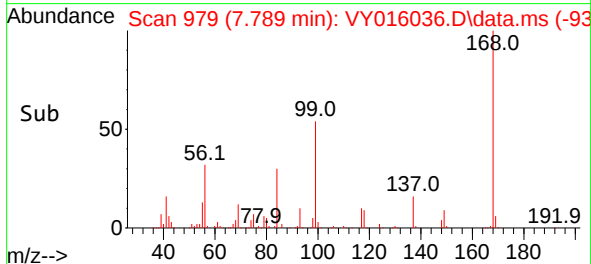
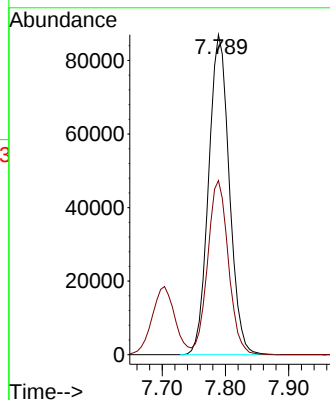
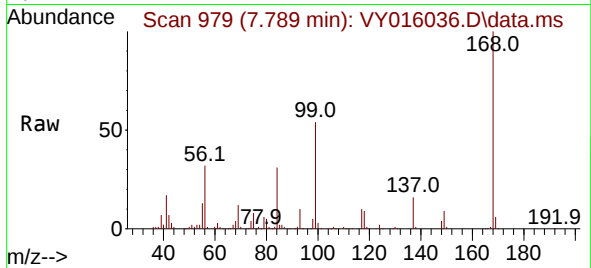
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
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Tgt Ion:168 Resp: 197593
Ion Ratio Lower Upper
168 100
99 54.4 43.4 65.0

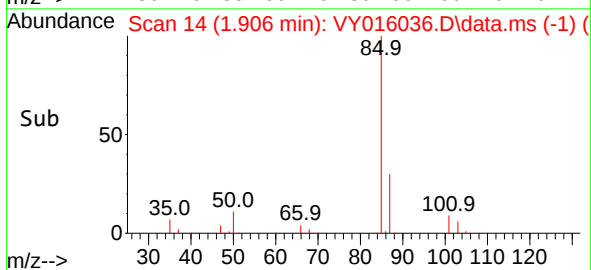
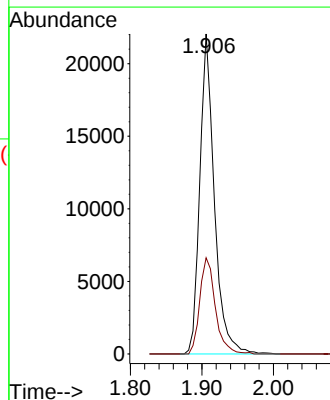
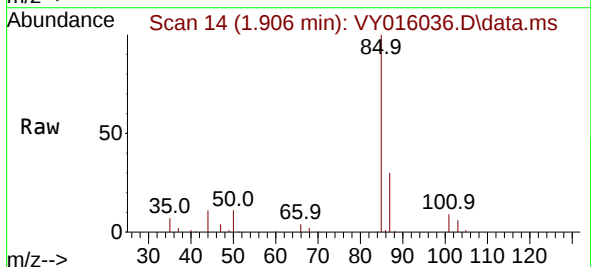
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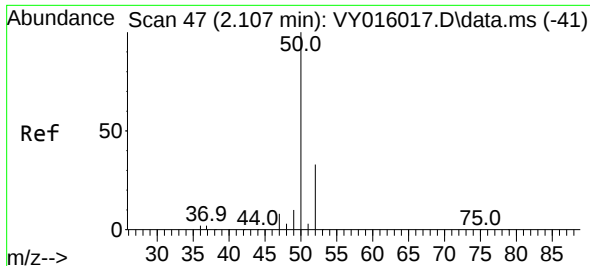
Reviewed By :John Carlone 10/20/2023
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#2
Dichlorodifluoromethane
Concen: 19.027 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

Tgt Ion: 85 Resp: 31073
Ion Ratio Lower Upper
85 100
87 30.1 15.6 46.8





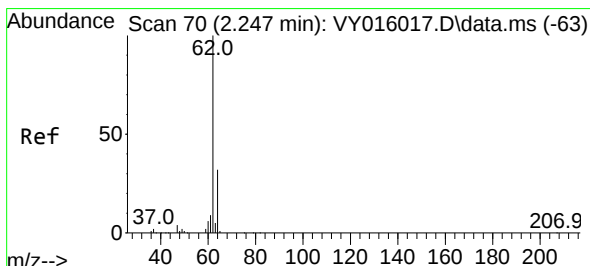
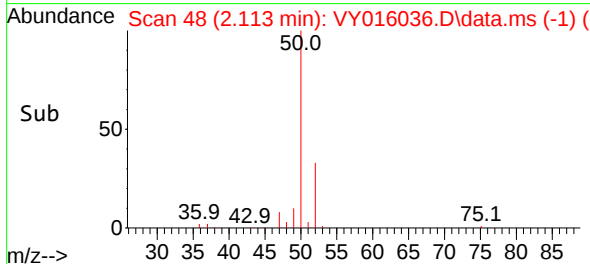
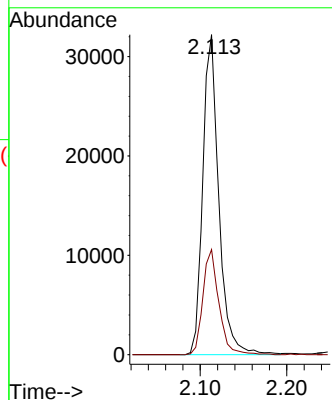
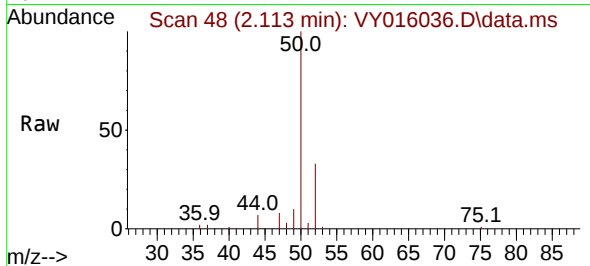
#3
Chloromethane
Concen: 20.071 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

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Tgt Ion: 50 Resp: 4138
Ion Ratio Lower Upper
50 100
52 32.9 25.4 38.2

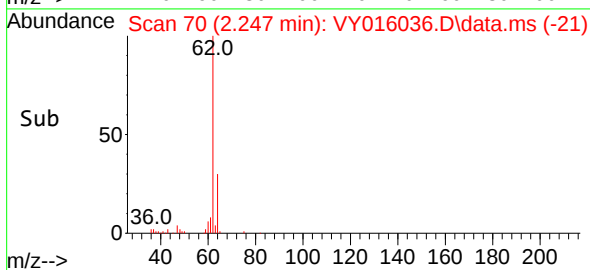
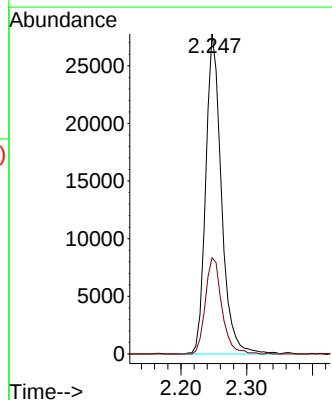
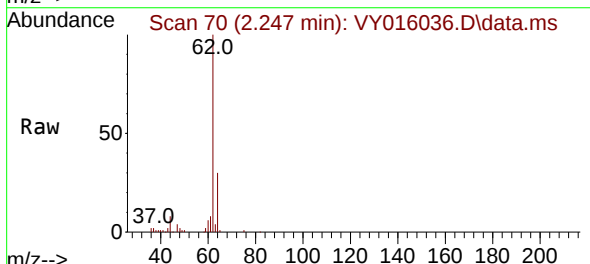
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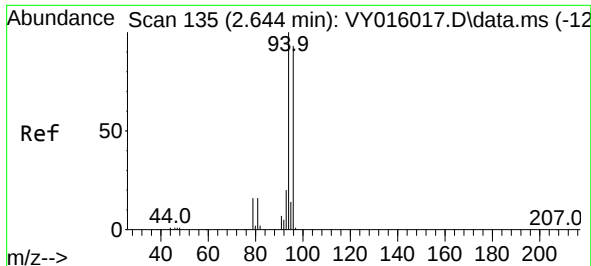
Reviewed By :John Carlone 10/20/2023
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#4
Vinyl Chloride
Concen: 19.888 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.000 min
Lab File: VY016036.D
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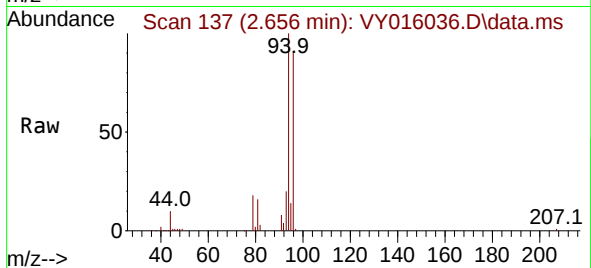
Tgt Ion: 62 Resp: 46025
Ion Ratio Lower Upper
62 100
64 30.1 24.3 36.5





#5
Bromomethane
Concen: 19.372 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016036.D
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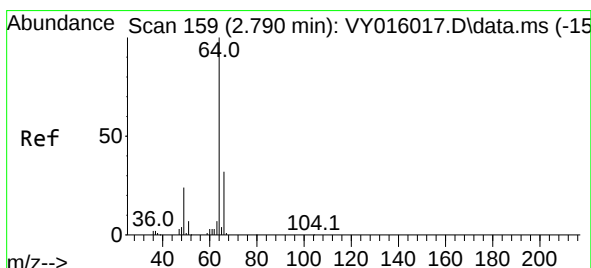
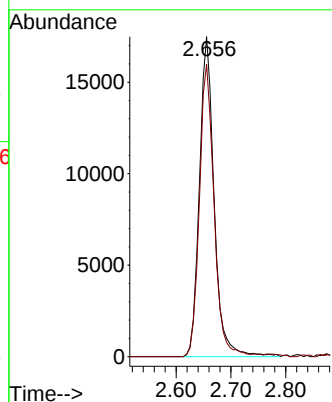
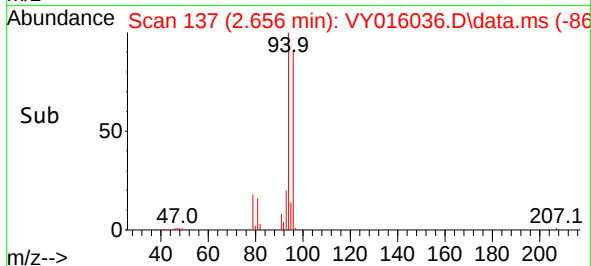
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Tgt Ion: 94 Resp: 3270
Ion Ratio Lower Upper
94 100
96 91.4 75.8 113.6

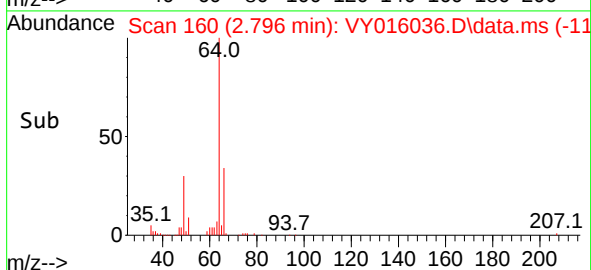
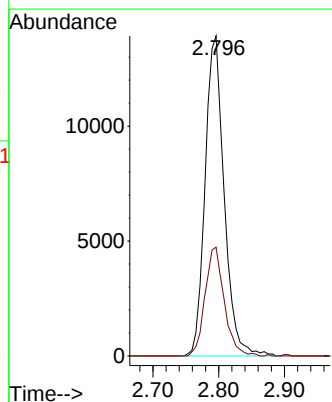
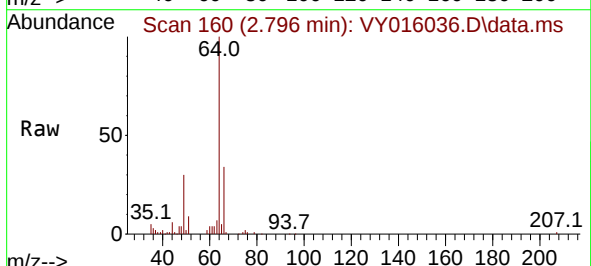
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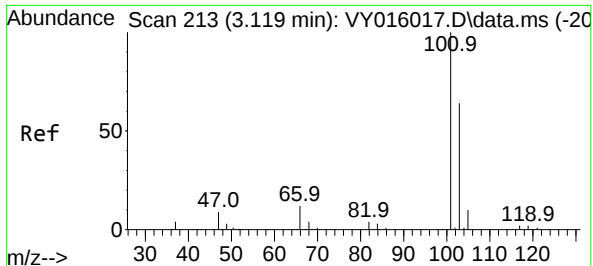
Reviewed By :John Carlone 10/20/2023
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#6
Chloroethane
Concen: 18.862 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.006 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

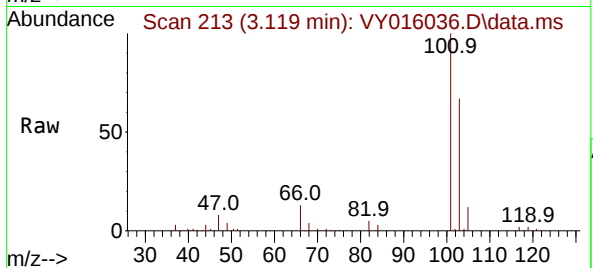
Tgt Ion: 64 Resp: 28069
Ion Ratio Lower Upper
64 100
66 34.0 24.4 36.6





#7
Trichlorofluoromethane
Concen: 21.318 ug/l
RT: 3.119 min Scan# 213
Delta R.T. -0.000 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

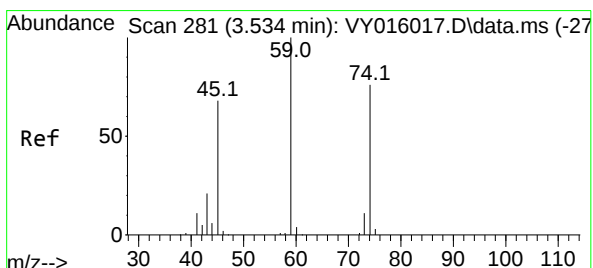
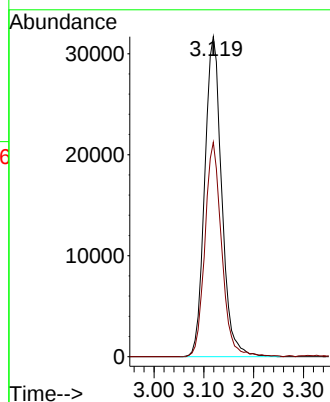
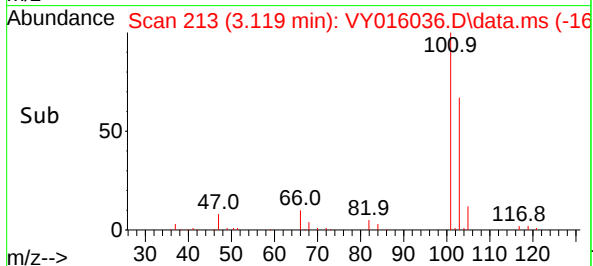
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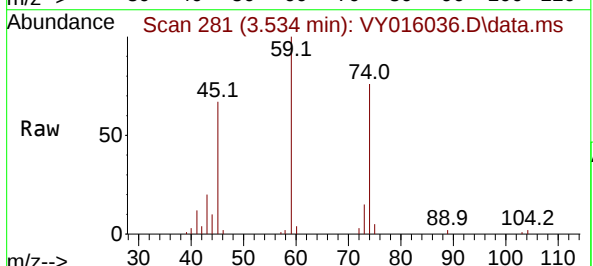
Tgt Ion:101 Resp: 75080
Ion Ratio Lower Upper
101 100
103 67.0 51.4 77.0

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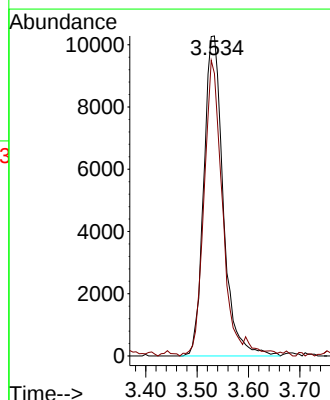
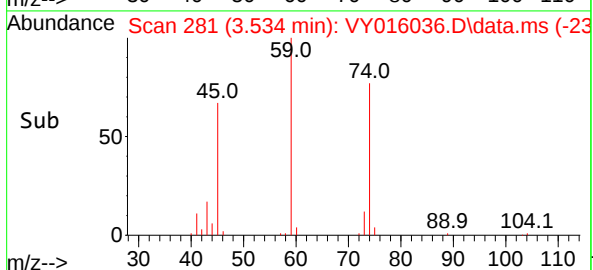
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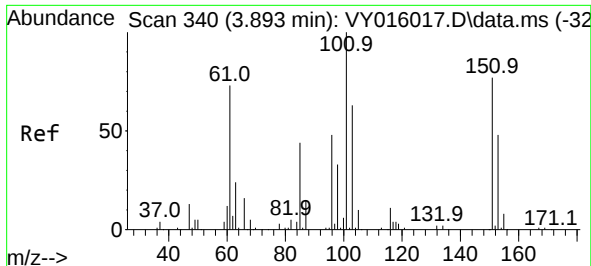


#8
Diethyl Ether
Concen: 21.707 ug/l
RT: 3.534 min Scan# 281
Delta R.T. -0.000 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25



Tgt Ion: 74 Resp: 27009
Ion Ratio Lower Upper
74 100
45 85.5 51.5 154.5





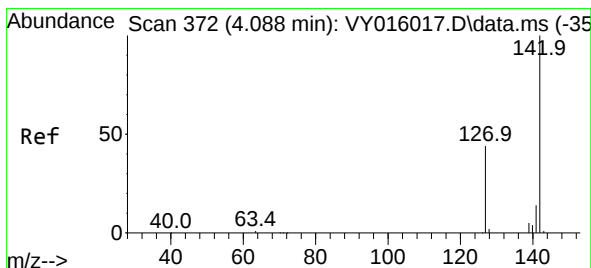
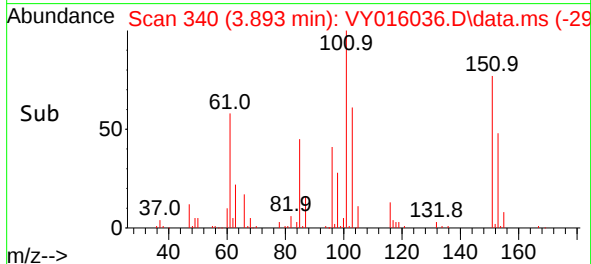
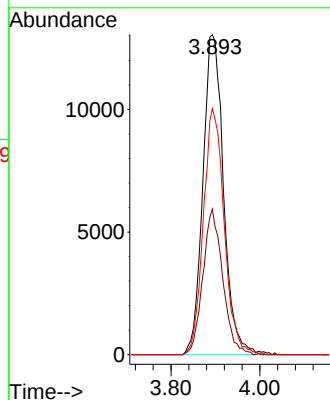
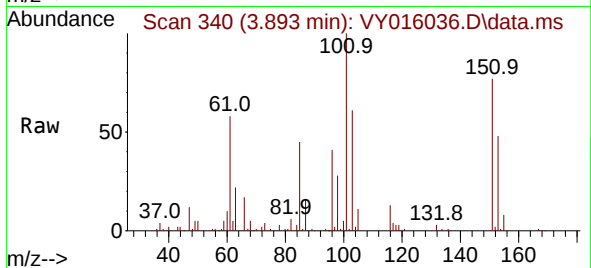
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.883 ug/l
RT: 3.893 min Scan# 340
Delta R.T. -0.000 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

Instrument :
MSVOA_Y
ClientSampleId :
VY1019SBS01

Tgt Ion:101 Resp: 4230
Ion Ratio Lower Upper
101 100
85 43.6 36.6 55.0
151 77.4 67.0 100.6

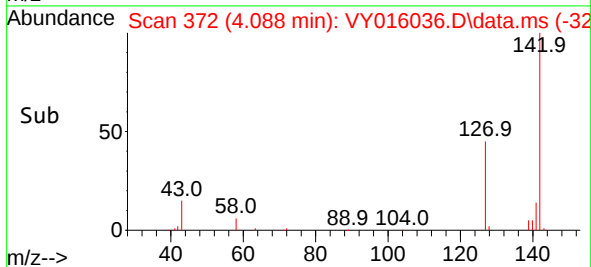
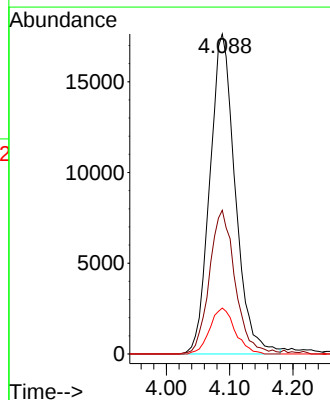
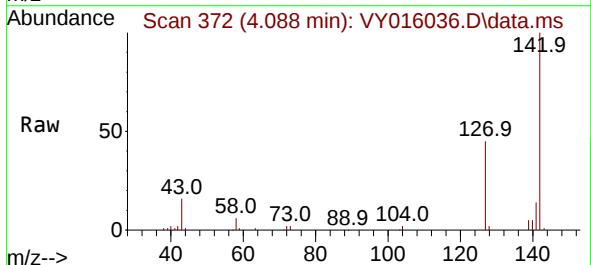
Manual Integrations
APPROVED

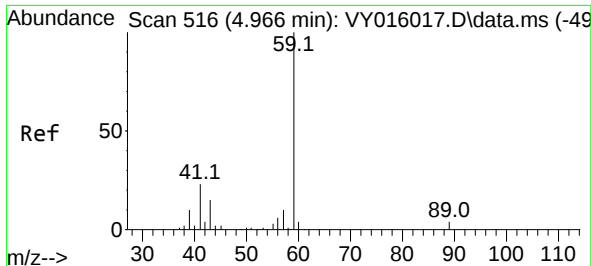
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#10
Methyl Iodide
Concen: 18.577 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.000 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

Tgt Ion:142 Resp: 49143
Ion Ratio Lower Upper
142 100
127 45.5 37.6 56.4
141 14.3 11.8 17.8





#11

Tert butyl alcohol

Concen: 132.586 ug/l m

RT: 5.100 min Scan# 516

Delta R.T. 0.134 min

Lab File: VY016036.D

Acq: 19 Oct 2023 14:25

Instrument :

MSVOA_Y

ClientSampleId :

VY1019SBS01

Tgt Ion: 59 Resp: 45964

Ion Ratio Lower Upper

59 100

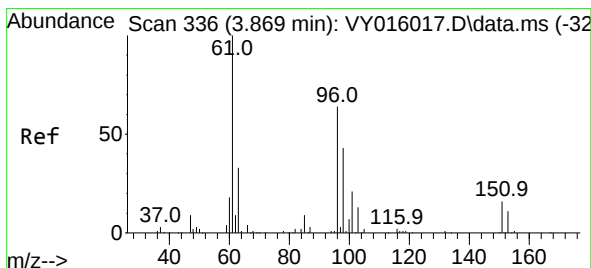
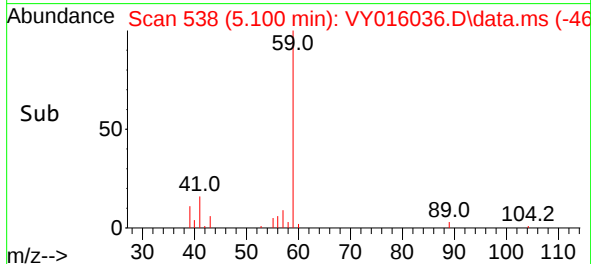
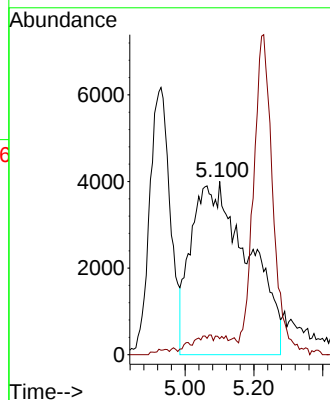
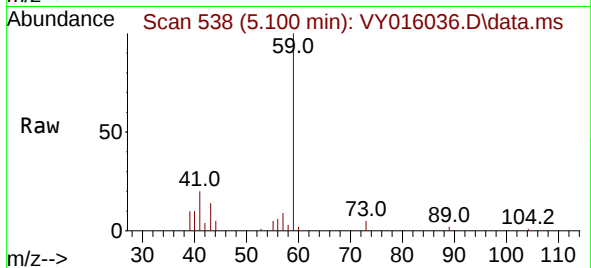
57 0.0 3.0 4.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#12

1,1-Dichloroethene

Concen: 20.495 ug/l

RT: 3.869 min Scan# 336

Delta R.T. -0.000 min

Lab File: VY016036.D

Acq: 19 Oct 2023 14:25

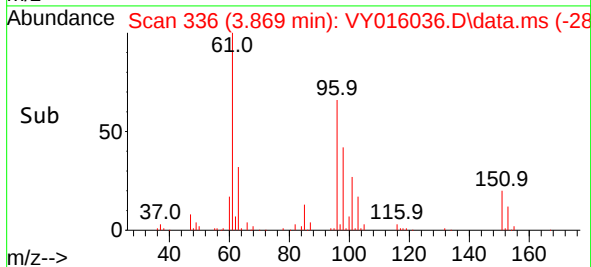
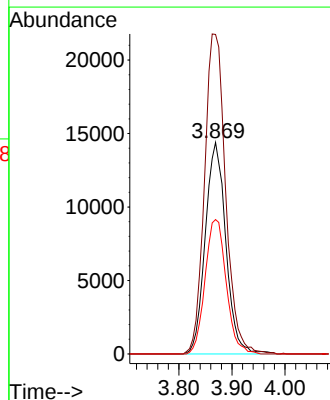
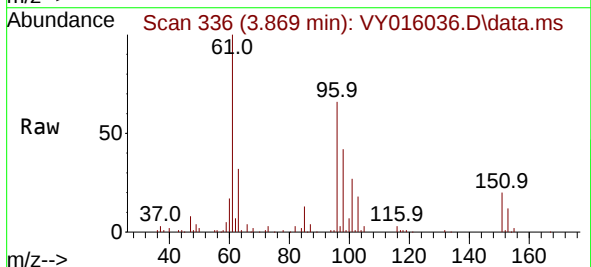
Tgt Ion: 96 Resp: 38851

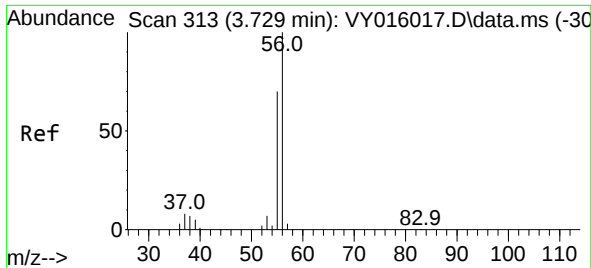
Ion Ratio Lower Upper

96 100

61 151.1 136.4 204.6

98 63.5 49.4 74.2





#13

Acrolein

Concen: 133.207 ug/l

RT: 3.741 min Scan# 313

Delta R.T. 0.012 min

Lab File: VY016036.D

Acq: 19 Oct 2023 14:25

Instrument :

MSVOA_Y

ClientSampleId :

VY1019SBS01

Tgt Ion: 56 Resp: 33238

Ion Ratio Lower Upper

56 100

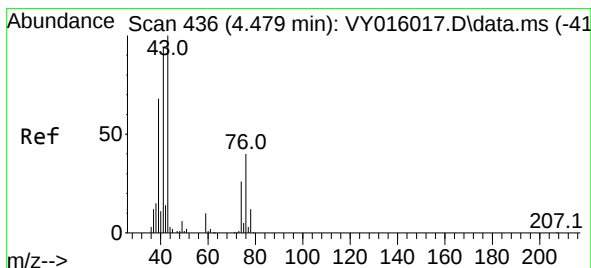
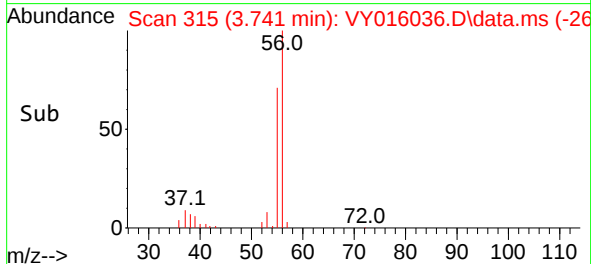
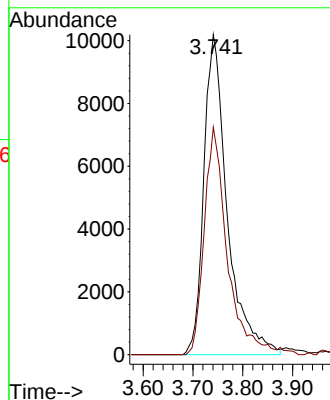
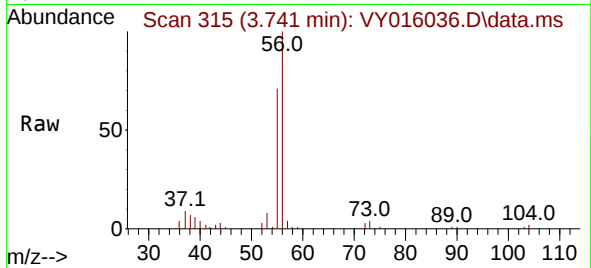
55 69.3 57.0 85.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#14

Allyl chloride

Concen: 20.300 ug/l

RT: 4.479 min Scan# 436

Delta R.T. -0.000 min

Lab File: VY016036.D

Acq: 19 Oct 2023 14:25

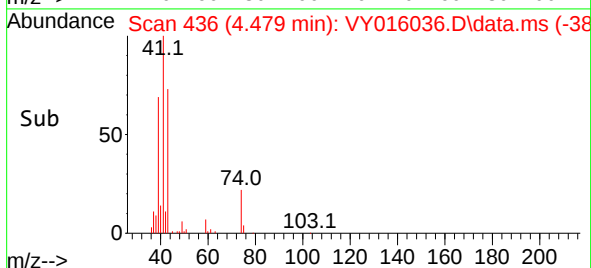
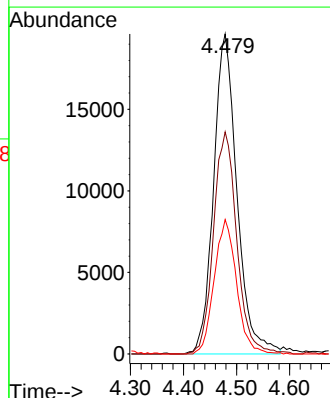
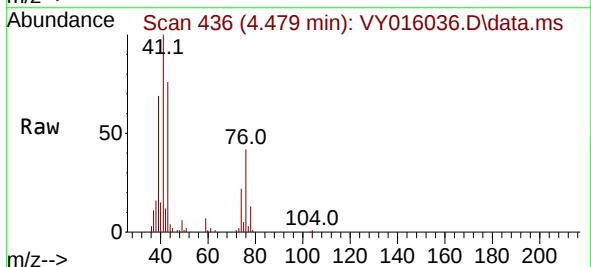
Tgt Ion: 41 Resp: 60172

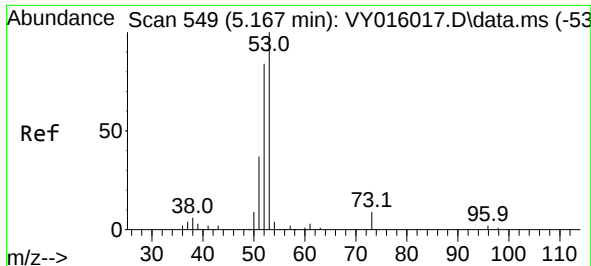
Ion Ratio Lower Upper

41 100

39 69.4 58.0 87.0

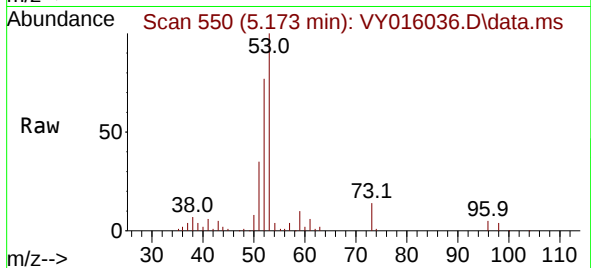
76 40.1 27.4 41.2





#15
Acrylonitrile
Concen: 115.859 ug/l
RT: 5.173 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

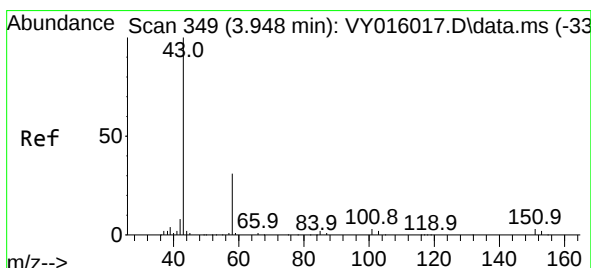
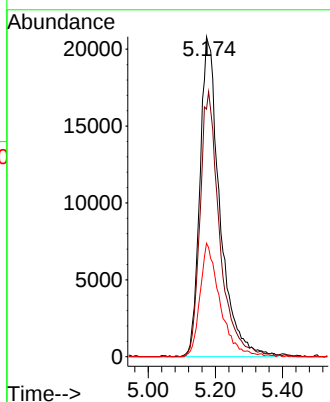
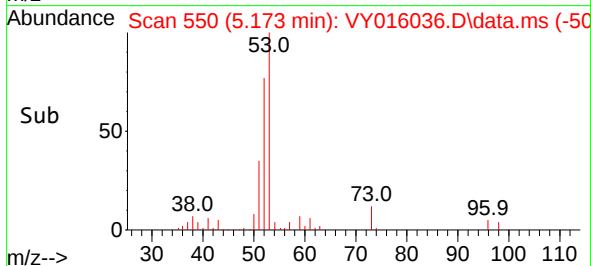
Instrument :
MSVOA_Y
ClientSampleId :
VY1019SBS01



Tgt Ion: 53 Resp: 8600
Ion Ratio Lower Upper
53 100
52 81.4 66.9 100.3
51 35.4 29.8 44.6

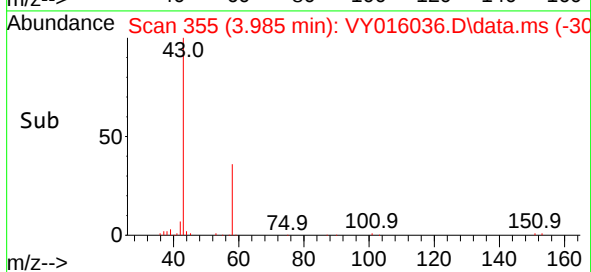
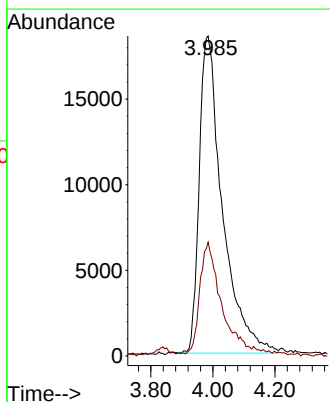
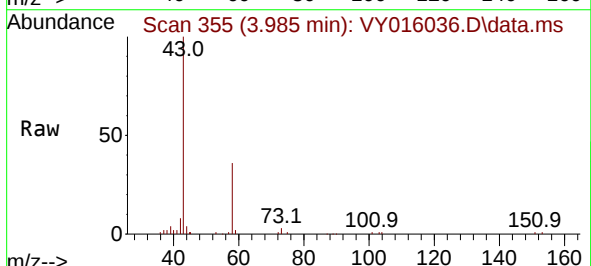
Manual Integrations
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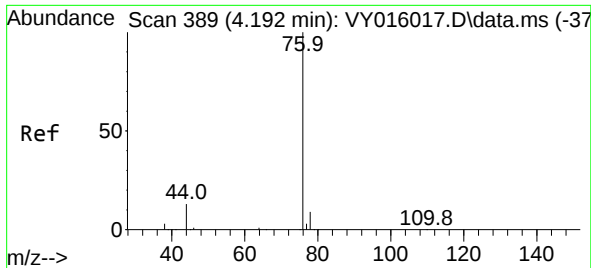
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#16
Acetone
Concen: 115.522 ug/l
RT: 3.985 min Scan# 355
Delta R.T. 0.037 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

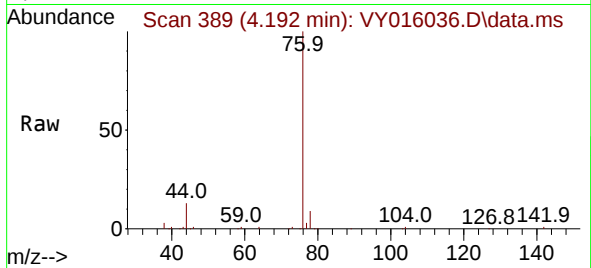
Tgt Ion: 43 Resp: 96170
Ion Ratio Lower Upper
43 100
58 35.0 22.7 34.1#





#17
Carbon Disulfide
Concen: 20.053 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.000 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

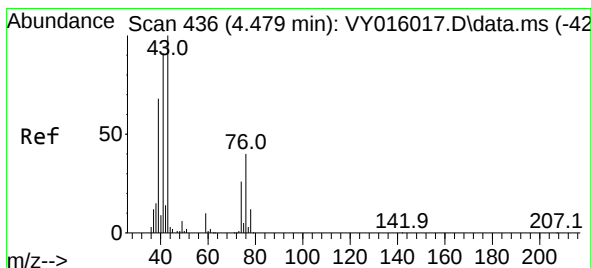
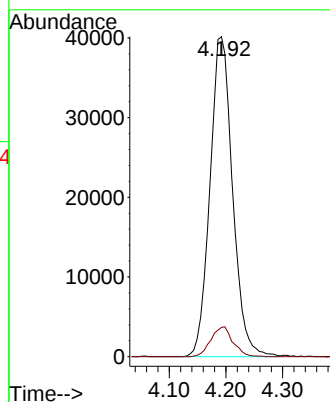
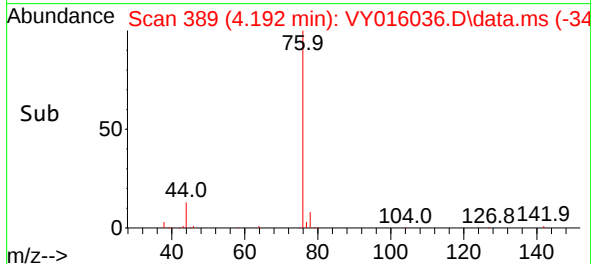
Instrument :
MSVOA_Y
ClientSampleId :
VY1019SBS01



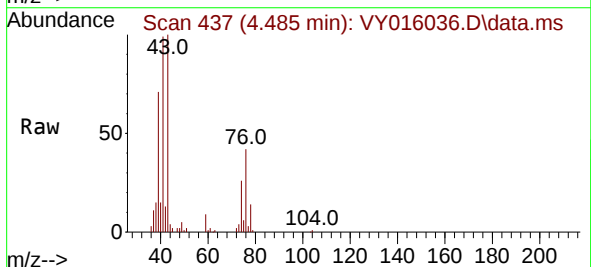
Tgt Ion: 76 Resp: 111362
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.4

Manual Integrations
APPROVED

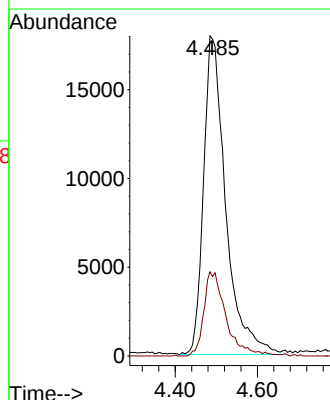
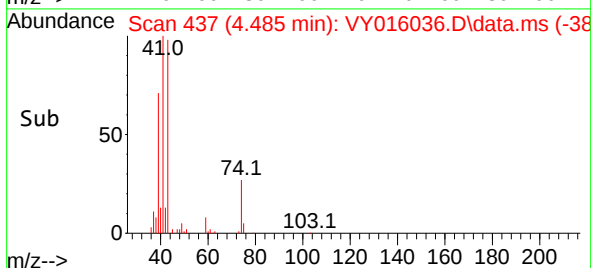
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

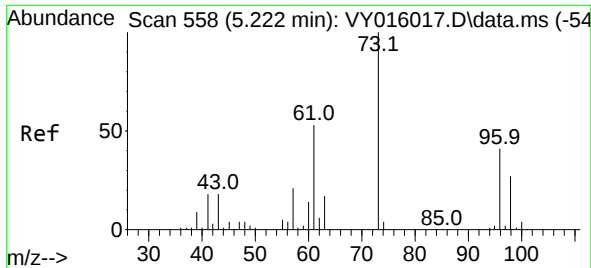


#18
Methyl Acetate
Concen: 23.449 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25



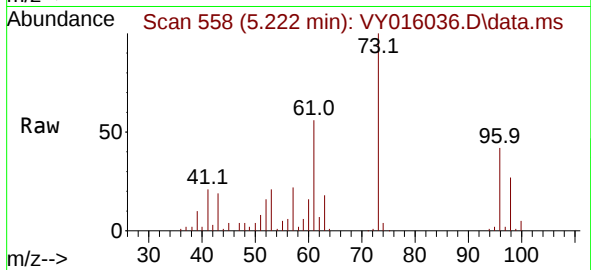
Tgt Ion: 43 Resp: 67188
Ion Ratio Lower Upper
43 100
74 26.5 17.4 26.0#





#19
Methyl tert-butyl Ether
Concen: 20.643 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

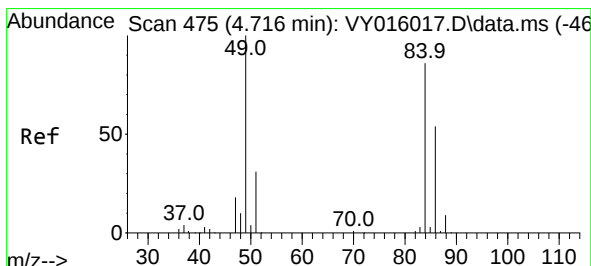
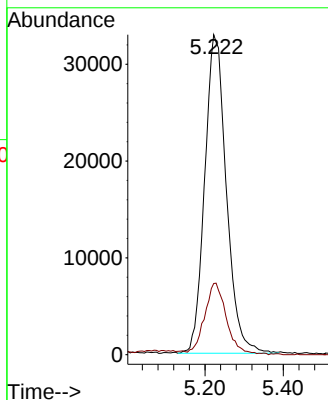
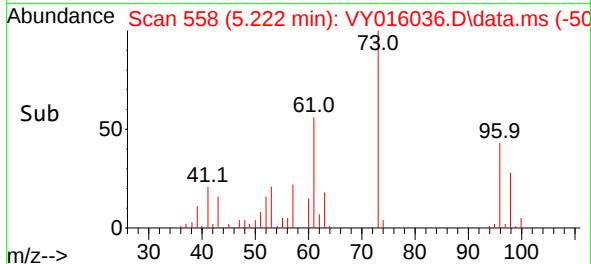
Instrument :
MSVOA_Y
ClientSampleId :
VY1019SBS01



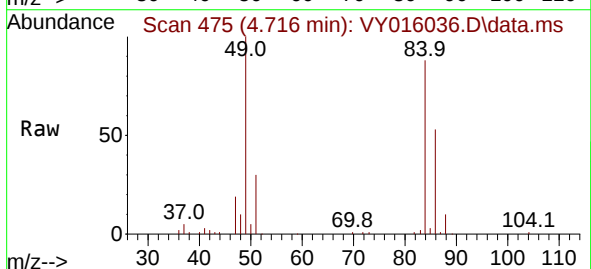
Tgt Ion: 73 Resp: 126238
Ion Ratio Lower Upper
73 100
57 22.0 17.3 25.9

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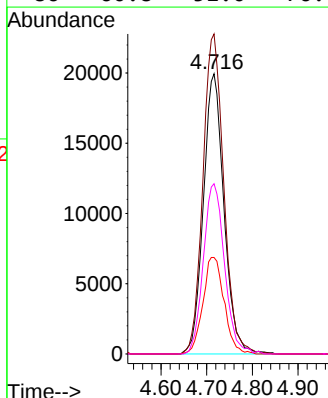
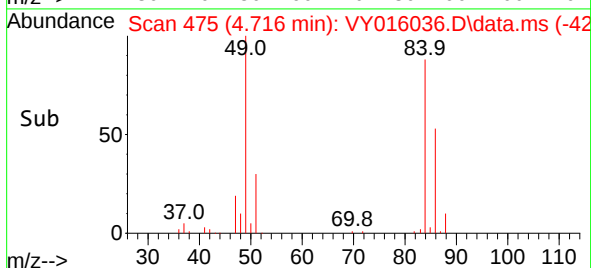
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

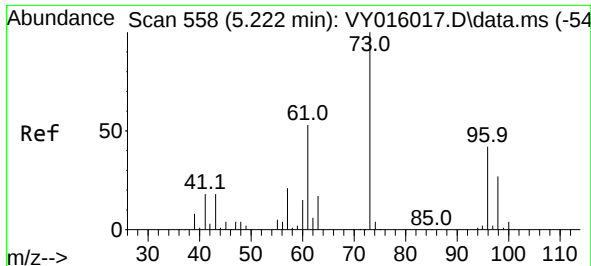


#20
Methylene Chloride
Concen: 25.262 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.000 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25



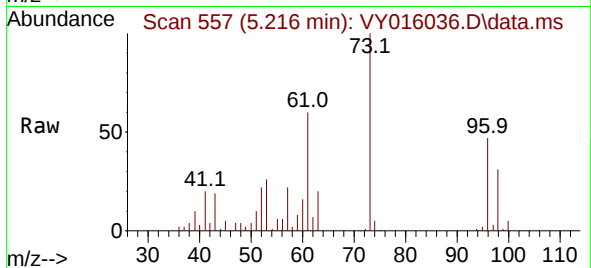
Tgt Ion: 84 Resp: 62476
Ion Ratio Lower Upper
84 100
49 114.2 106.9 160.3
51 34.4 33.2 49.8
86 60.8 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 20.295 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

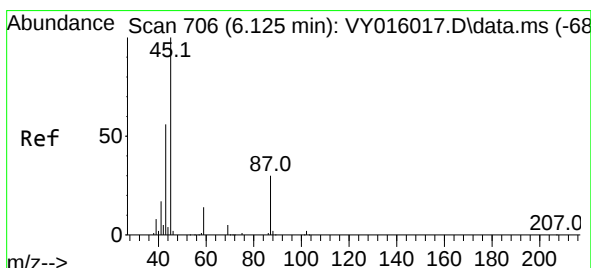
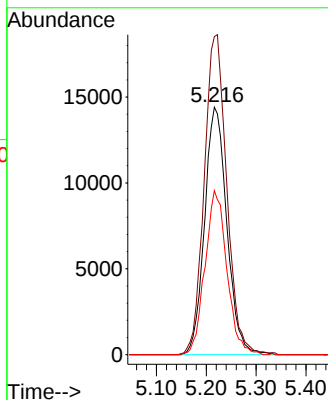
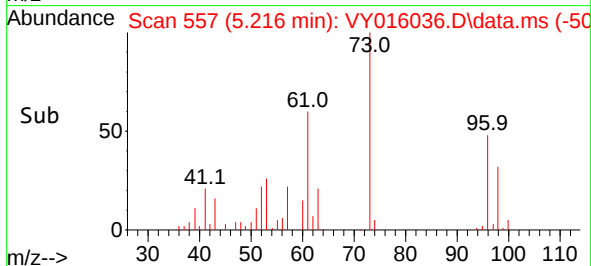
Instrument :
MSVOA_Y
ClientSampleId :
VY1019SBS01



Tgt Ion: 96 Resp: 44800
Ion Ratio Lower Upper
96 100
61 128.5 110.2 165.4
98 66.2 51.8 77.6

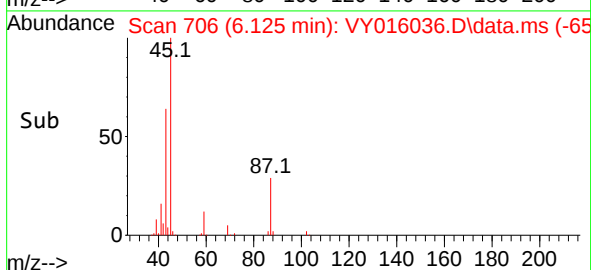
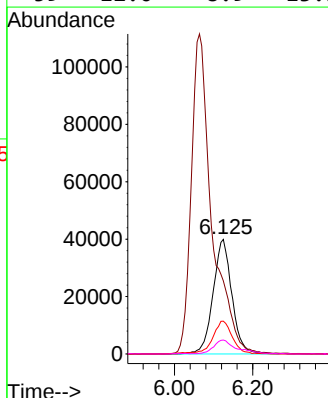
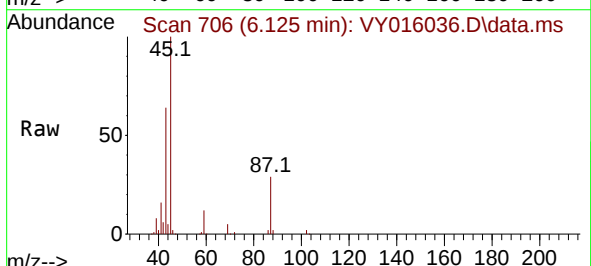
Manual Integrations
APPROVED

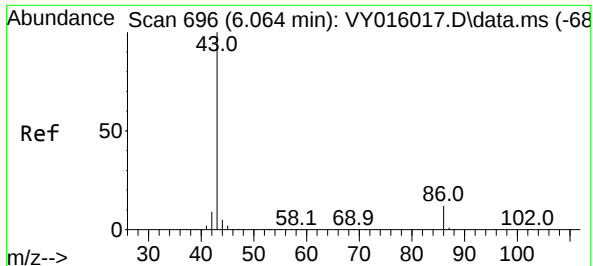
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#22
Diisopropyl ether
Concen: 20.615 ug/l
RT: 6.125 min Scan# 706
Delta R.T. -0.000 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

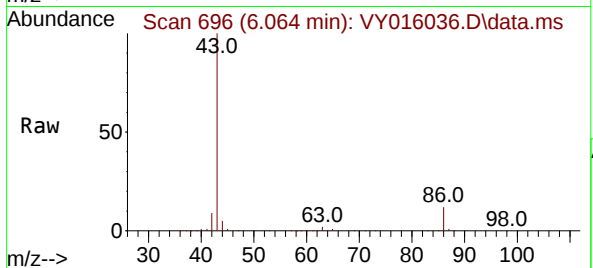
Tgt Ion: 45 Resp: 133053
Ion Ratio Lower Upper
45 100
43 63.1 52.2 78.4
87 28.6 21.0 31.6
59 12.0 8.9 13.3





#23
 Vinyl Acetate
 Concen: 101.829 ug/l
 RT: 6.064 min Scan# 696
 Delta R.T. -0.000 min
 Lab File: VY016036.D
 Acq: 19 Oct 2023 14:25

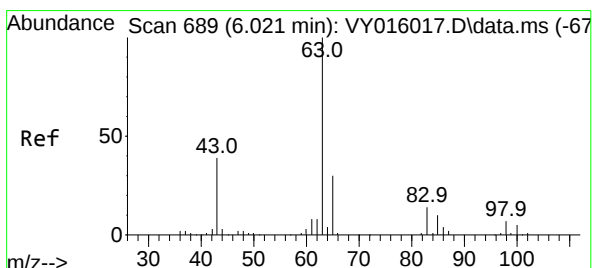
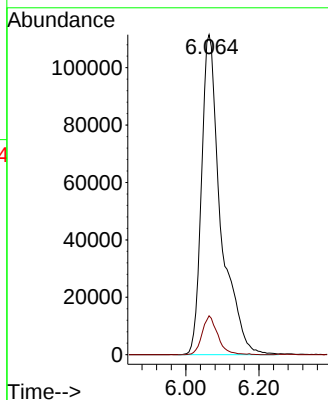
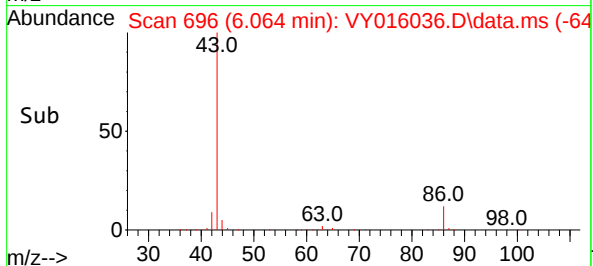
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1019SBS01



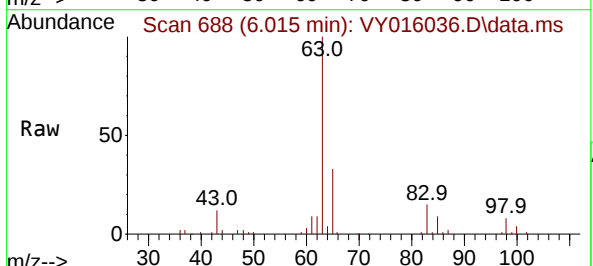
Tgt Ion: 43 Resp: 40768
 Ion Ratio Lower Upper
 43 100
 86 12.1 7.5 11.3

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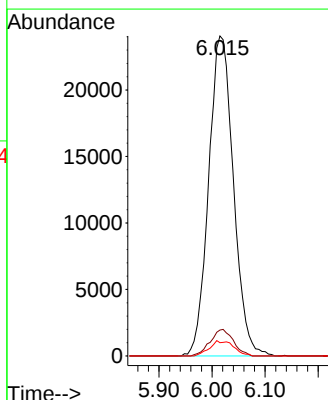
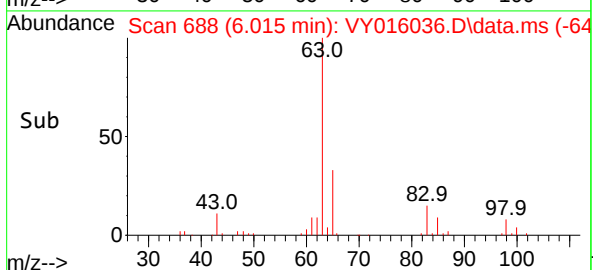
Reviewed By :John Carlone 10/20/2023
 Supervised By :Semsettin Yesilyurt 10/20/2023

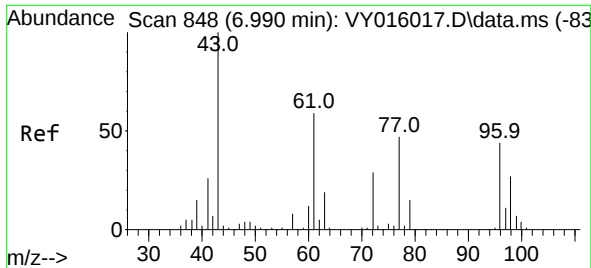


#24
 1,1-Dichloroethane
 Concen: 20.399 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY016036.D
 Acq: 19 Oct 2023 14:25



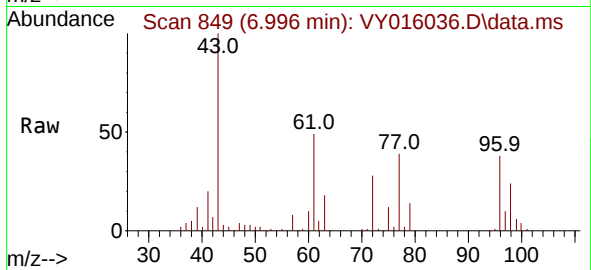
Tgt Ion: 63 Resp: 78107
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.1 9.4
 100 4.1 1.8 5.5





#25
2-Butanone
Concen: 118.610 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

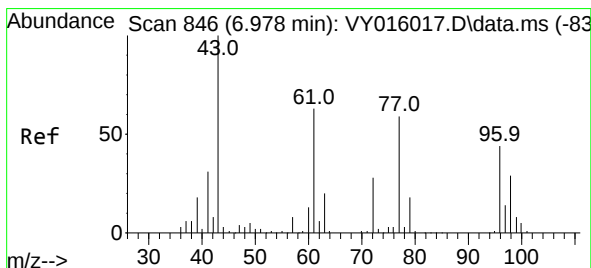
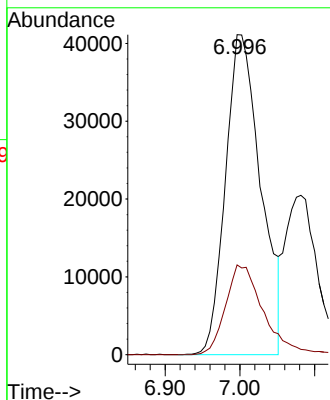
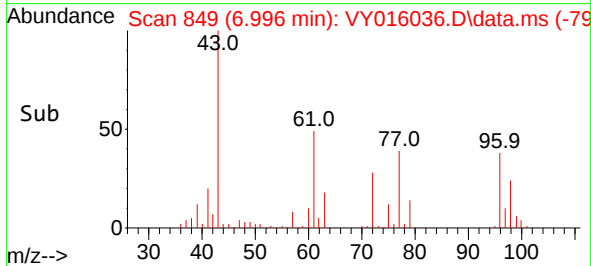
Instrument :
MSVOA_Y
ClientSampleId :
VY1019SBS01



Tgt Ion: 43 Resp: 135248
Ion Ratio Lower Upper
43 100
72 28.0 20.5 30.7

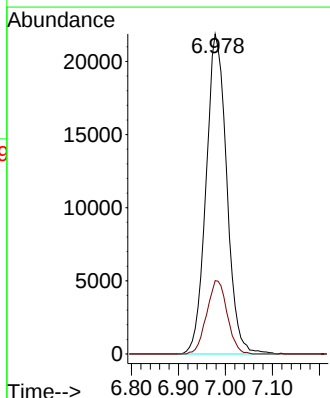
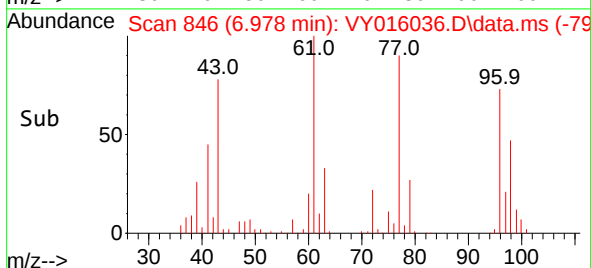
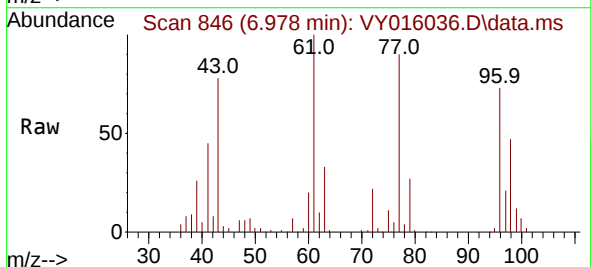
Manual Integrations
APPROVED

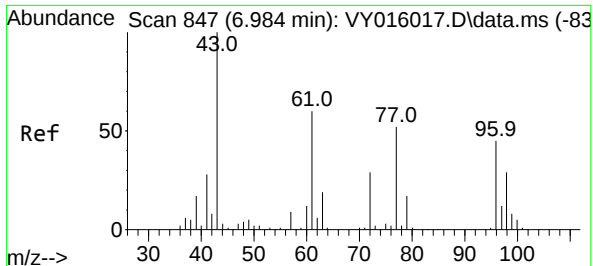
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#26
2,2-Dichloropropane
Concen: 19.365 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

Tgt Ion: 77 Resp: 66713
Ion Ratio Lower Upper
77 100
97 22.8 10.9 32.9





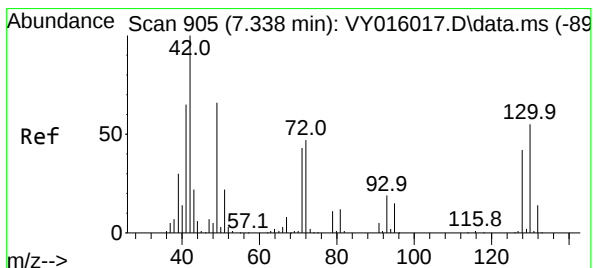
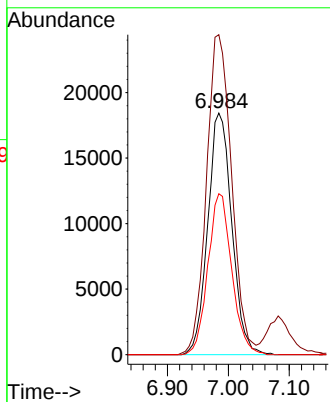
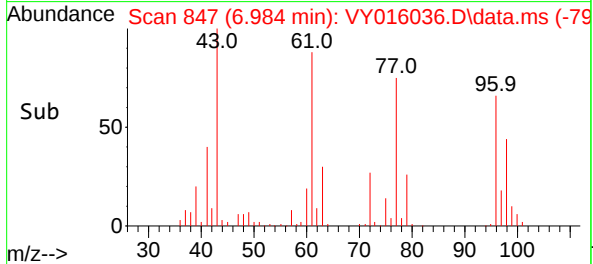
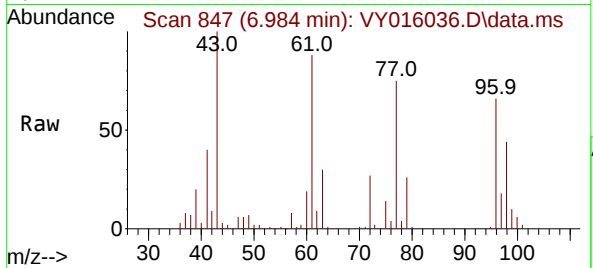
#27
 cis-1,2-Dichloroethene
 Concen: 19.887 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. -0.000 min
 Lab File: VY016036.D
 Acq: 19 Oct 2023 14:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1019SBS01

Tgt Ion: 96 Resp: 5055
 Ion Ratio Lower Upper
 96 100
 61 138.4 0.0 301.4
 98 66.1 0.0 130.4

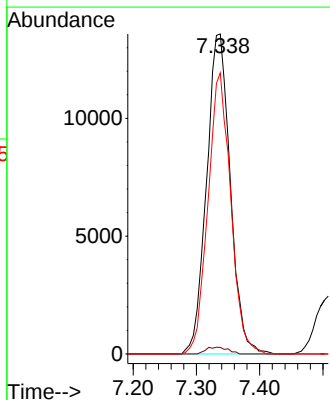
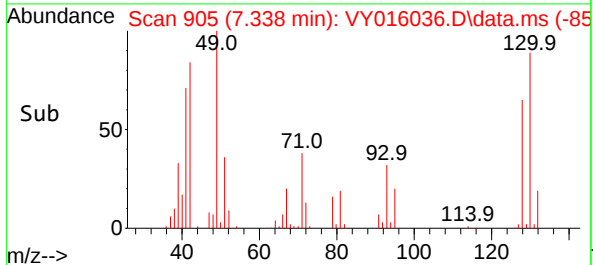
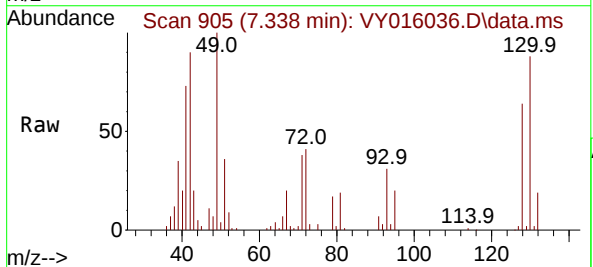
Manual Integrations
 APPROVED

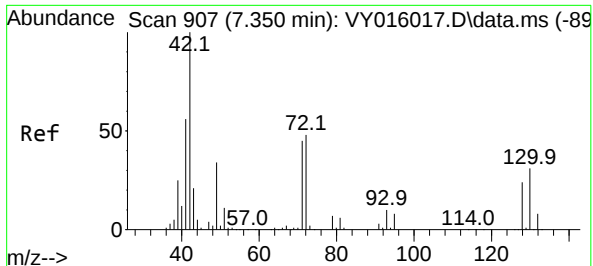
Reviewed By :John Carlone 10/20/2023
 Supervised By :Semsettin Yesilyurt 10/20/2023



#28
 Bromochloromethane
 Concen: 21.582 ug/l
 RT: 7.338 min Scan# 905
 Delta R.T. -0.000 min
 Lab File: VY016036.D
 Acq: 19 Oct 2023 14:25

Tgt Ion: 49 Resp: 35342
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.6
 130 84.3 60.7 91.1





#29

Tetrahydrofuran

Concen: 128.204 ug/l

RT: 7.362 min Scan# 907

Delta R.T. 0.012 min

Lab File: VY016036.D

Acq: 19 Oct 2023 14:25

Instrument :

MSVOA_Y

ClientSampleId :

VY1019SBS01

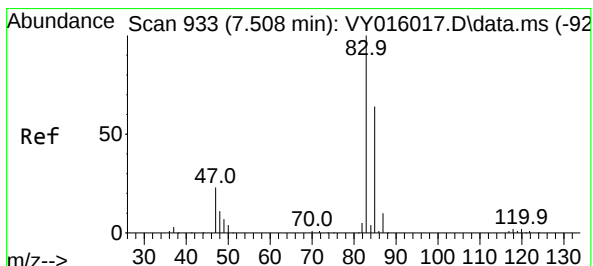
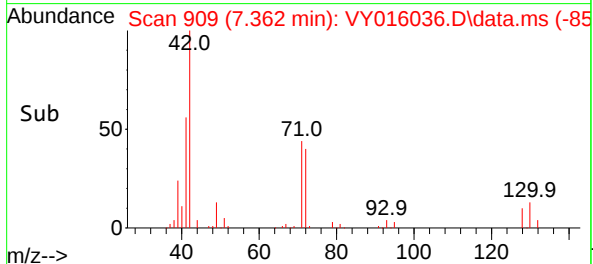
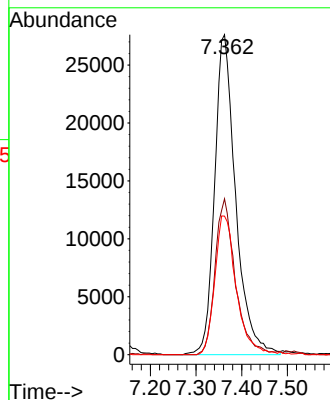
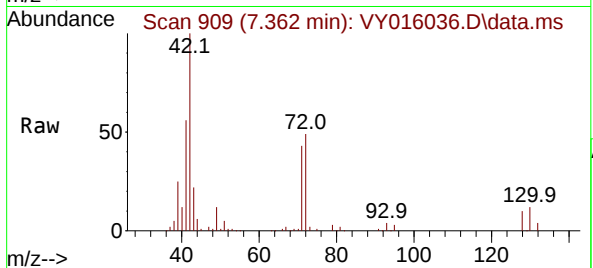
Tgt Ion:	42	Resp:	8848
Ion Ratio	Lower	Upper	
42	100		
72	47.1	32.8	49.2
71	44.1	31.0	46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#30

Chloroform

Concen: 20.130 ug/l

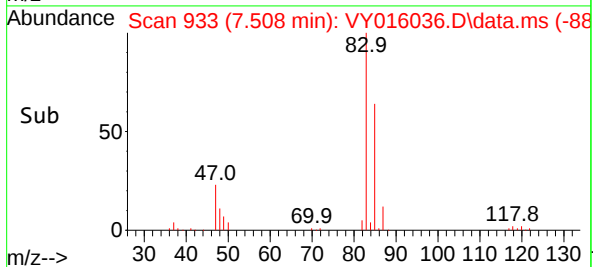
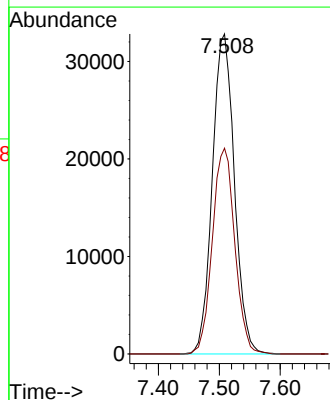
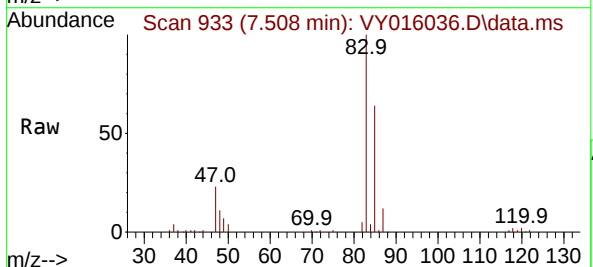
RT: 7.508 min Scan# 933

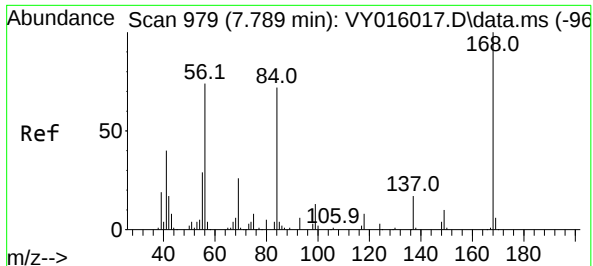
Delta R.T. -0.000 min

Lab File: VY016036.D

Acq: 19 Oct 2023 14:25

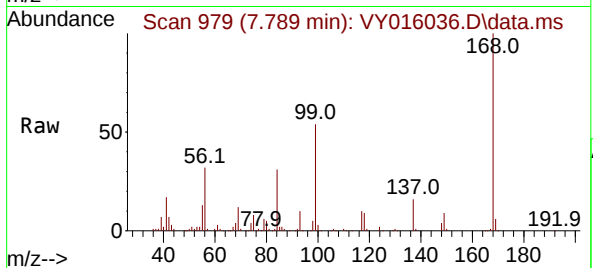
Tgt Ion:	83	Resp:	82641
Ion Ratio	Lower	Upper	
83	100		
85	64.3	49.7	74.5





#31
Cyclohexane
Concen: 20.190 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

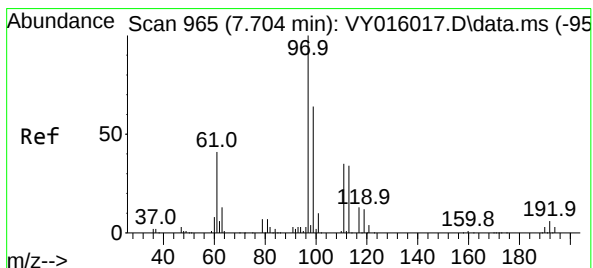
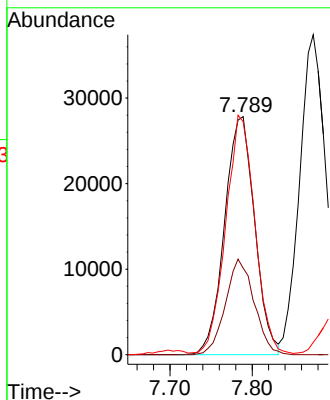
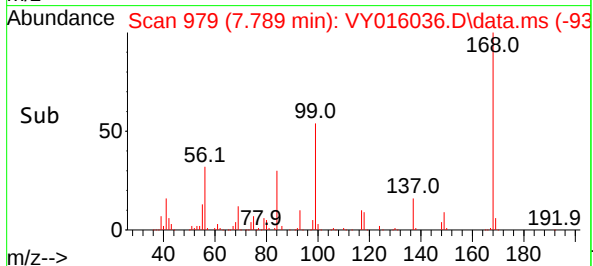
Instrument :
MSVOA_Y
ClientSampleId :
VY1019SBS01



Tgt Ion: 56 Resp: 70968
Ion Ratio Lower Upper
56 100
69 36.4 27.8 41.6
84 96.1 66.4 99.6

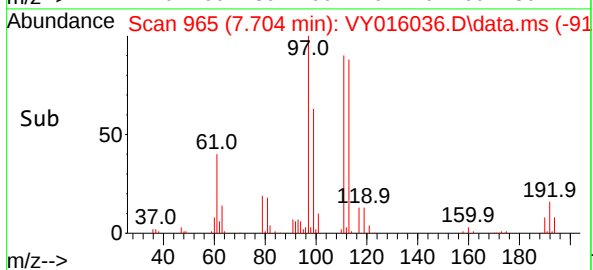
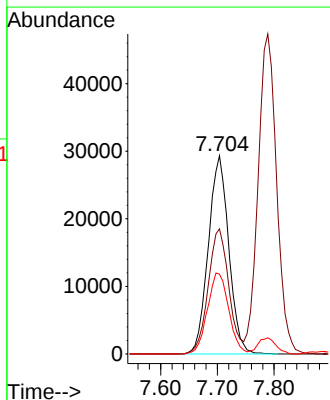
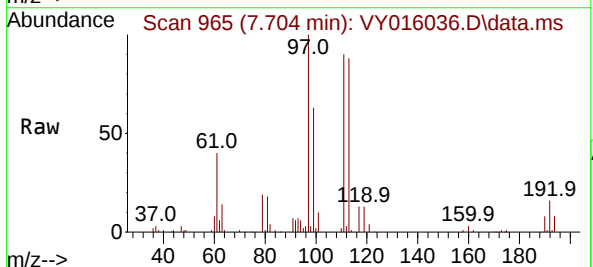
Manual Integrations
APPROVED

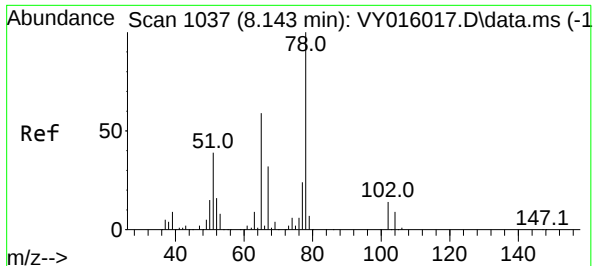
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#32
1,1,1-Trichloroethane
Concen: 19.978 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

Tgt Ion: 97 Resp: 73384
Ion Ratio Lower Upper
97 100
99 63.9 50.8 76.2
61 42.5 35.1 52.7





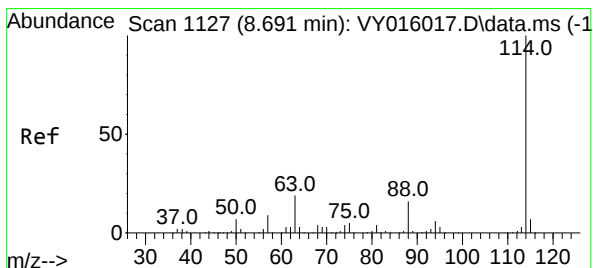
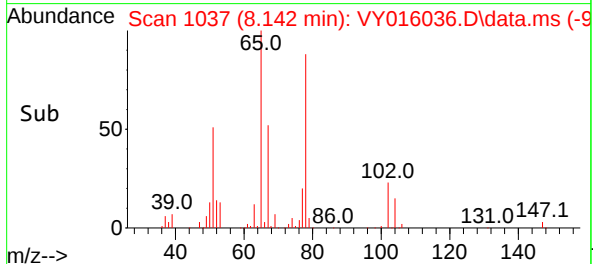
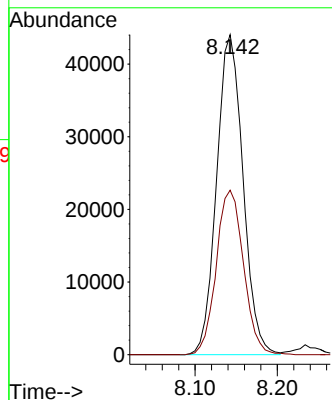
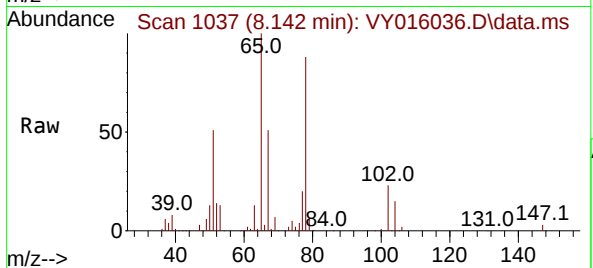
#33
1,2-Dichloroethane-d4
Concen: 43.771 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

Instrument :
MSVOA_Y
ClientSampleId :
VY1019SBS01

Tgt Ion: 65 Resp: 9830
Ion Ratio Lower Upper
65 100
67 53.1 0.0 101.8

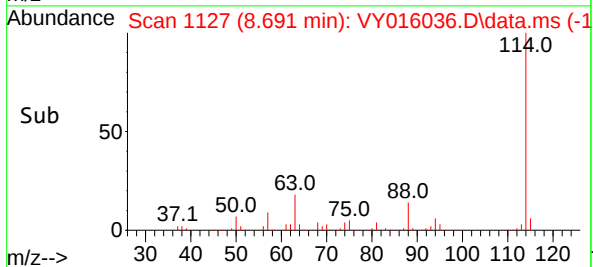
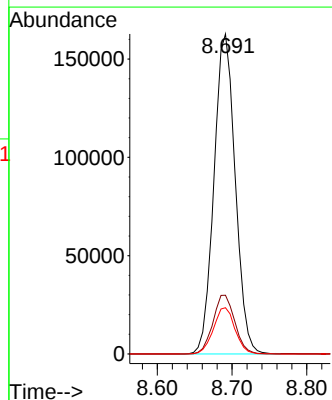
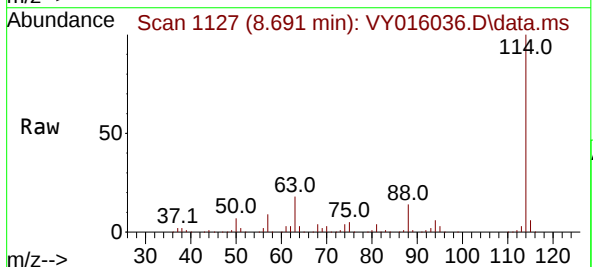
Manual Integrations
APPROVED

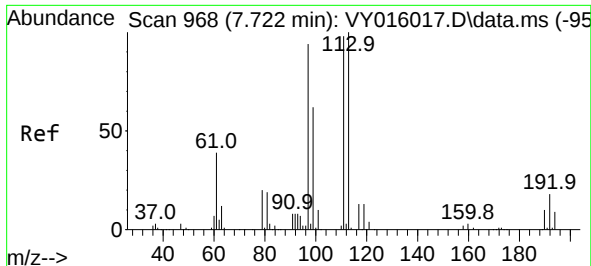
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

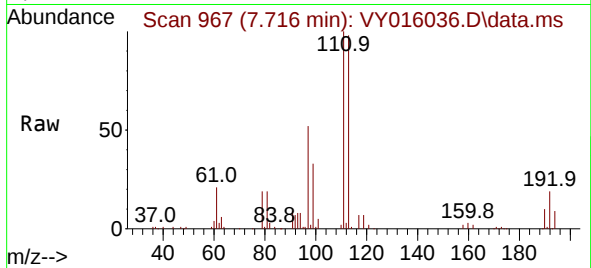
Tgt Ion:114 Resp: 321739
Ion Ratio Lower Upper
114 100
63 18.4 0.0 42.4
88 14.4 0.0 30.6





#35
Dibromofluoromethane
Concen: 44.830 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

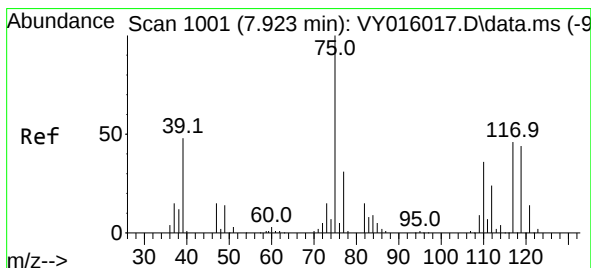
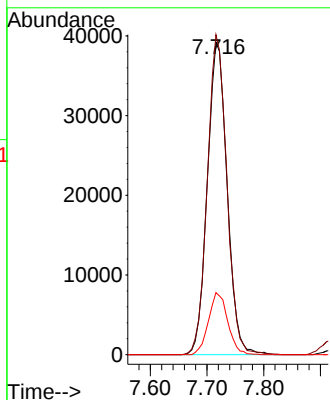
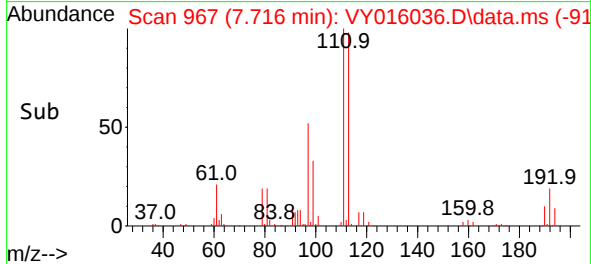
Instrument :
MSVOA_Y
ClientSampleId :
VY1019SBS01



Tgt Ion:113 Resp: 94938
Ion Ratio Lower Upper
113 100
111 101.1 81.3 121.9
192 19.4 16.9 25.3

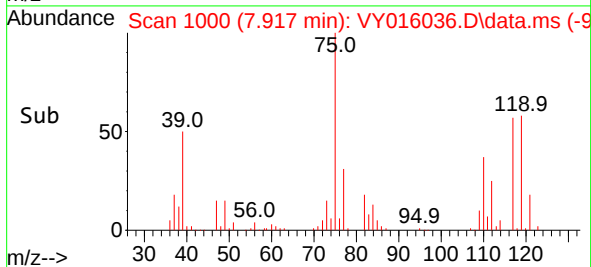
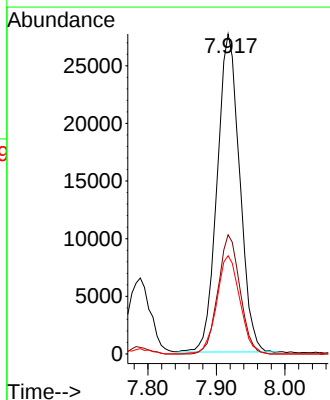
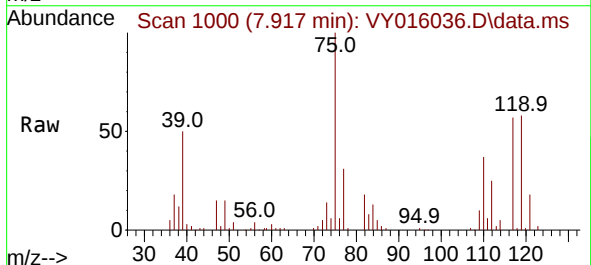
Manual Integrations
APPROVED

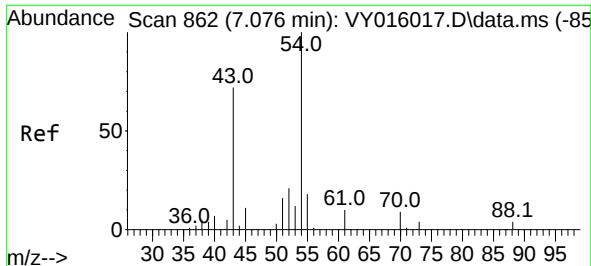
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#36
1,1-Dichloropropene
Concen: 19.740 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

Tgt Ion: 75 Resp: 62895
Ion Ratio Lower Upper
75 100
110 36.5 17.8 53.5
77 31.7 24.4 36.6





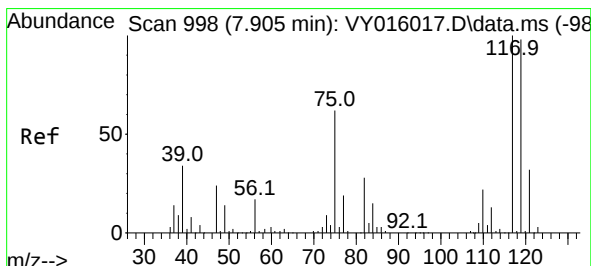
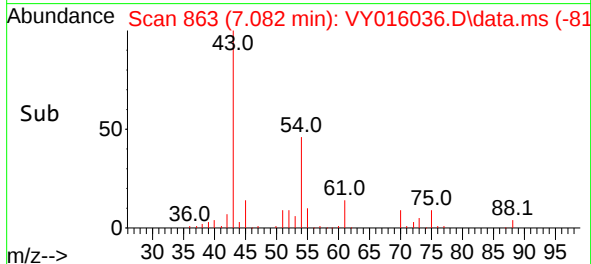
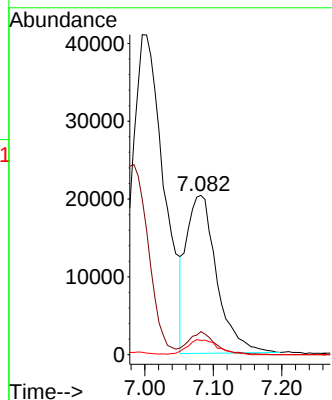
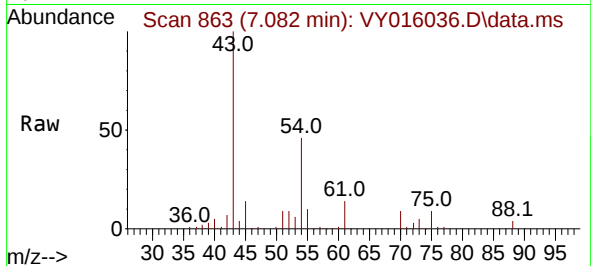
#37
Ethyl Acetate
Concen: 27.055 ug/l
RT: 7.082 min Scan# 863
Delta R.T. 0.006 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

Instrument :
MSVOA_Y
ClientSampleId :
VY1019SBS01

Tgt Ion: 43 Resp: 62130
Ion Ratio Lower Upper
43 100
61 13.2 10.1 15.1
70 9.6 7.1 10.7

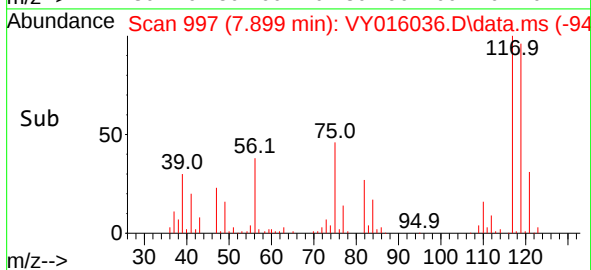
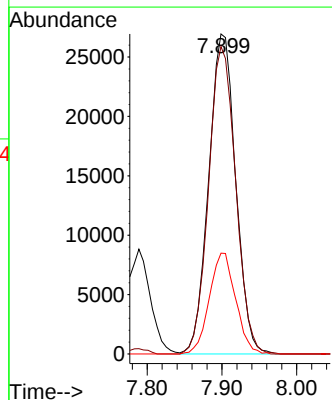
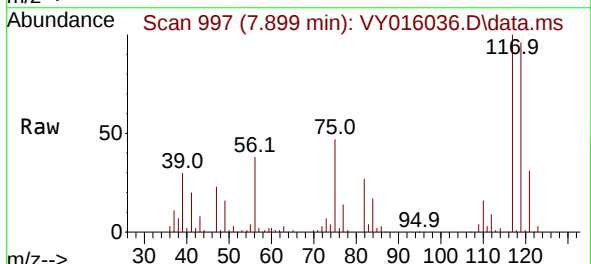
Manual Integrations
APPROVED

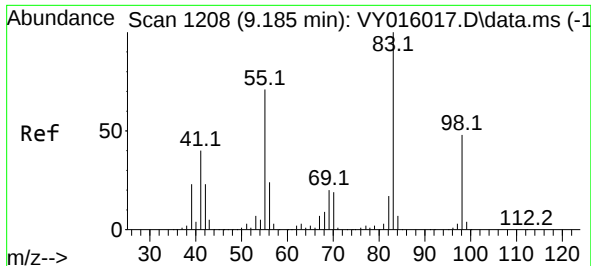
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#38
Carbon Tetrachloride
Concen: 19.921 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.006 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

Tgt Ion:117 Resp: 67460
Ion Ratio Lower Upper
117 100
119 96.1 76.4 114.6
121 31.5 25.8 38.6





#39

Methylcyclohexane

Concen: 19.506 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016036.D

Acq: 19 Oct 2023 14:25

Instrument :

MSVOA_Y

ClientSampleId :

VY1019SBS01

Tgt Ion: 83 Resp: 7766

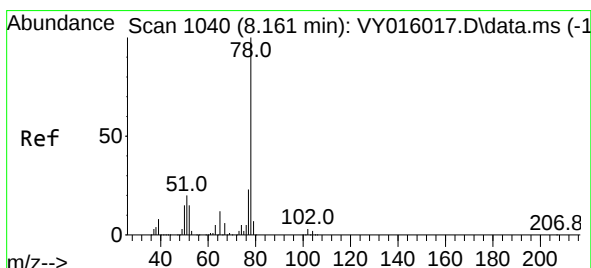
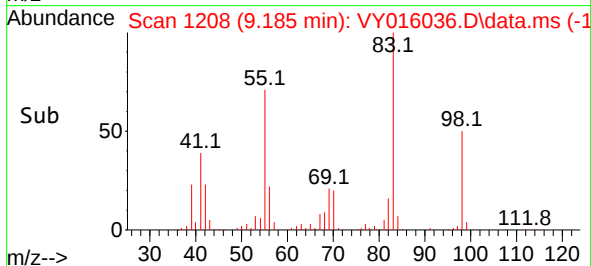
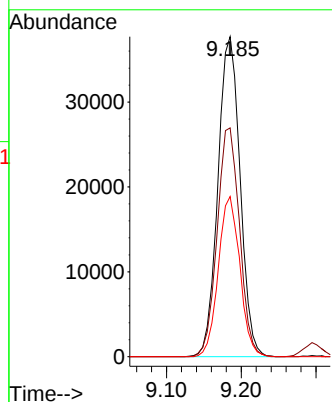
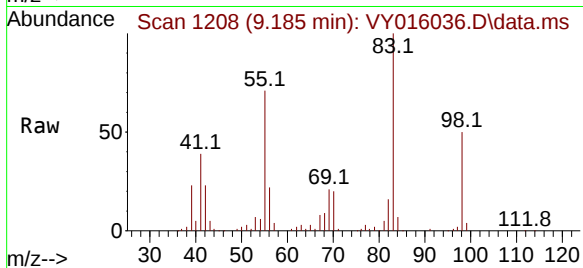
Ion	Ratio	Lower	Upper
83	100		
55	71.5	63.0	94.4
98	50.1	37.4	56.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#40

Benzene

Concen: 19.962 ug/l

RT: 8.161 min Scan# 1040

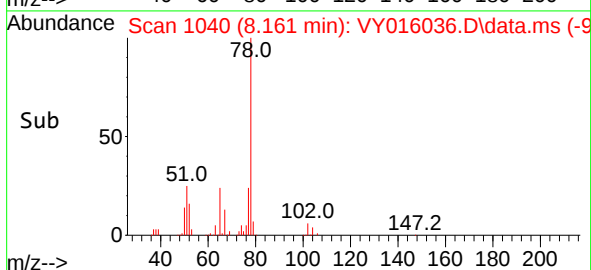
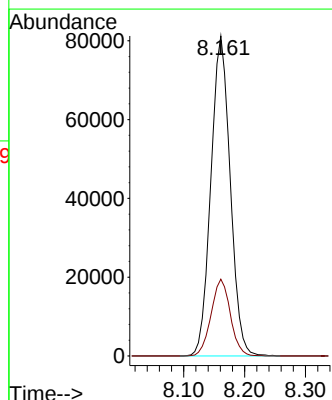
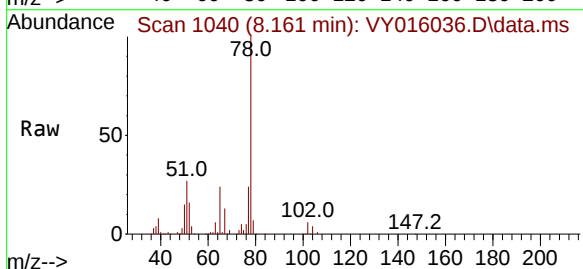
Delta R.T. -0.000 min

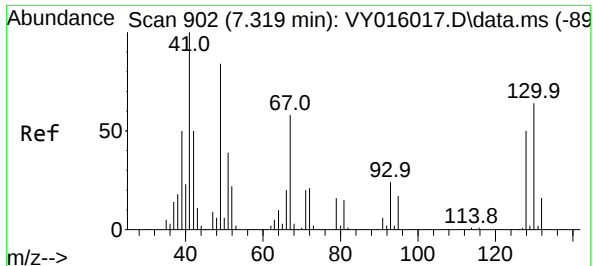
Lab File: VY016036.D

Acq: 19 Oct 2023 14:25

Tgt Ion: 78 Resp: 179255

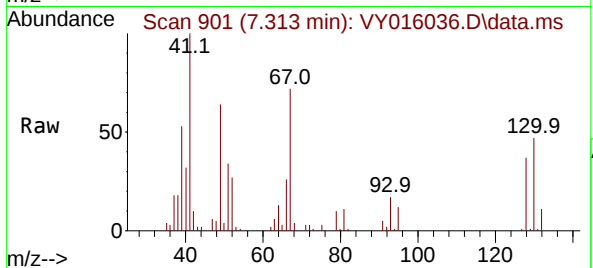
Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.0	28.6





#41
Methacrylonitrile
Concen: 21.901 ug/l m
RT: 7.313 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

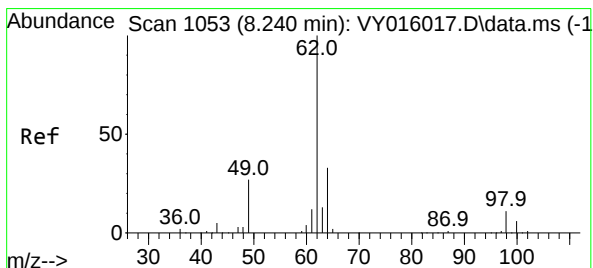
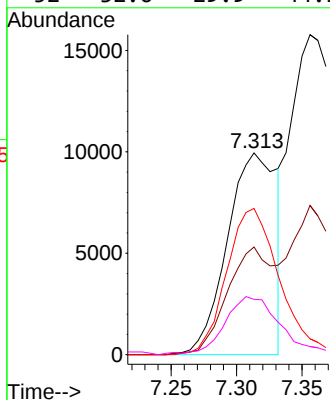
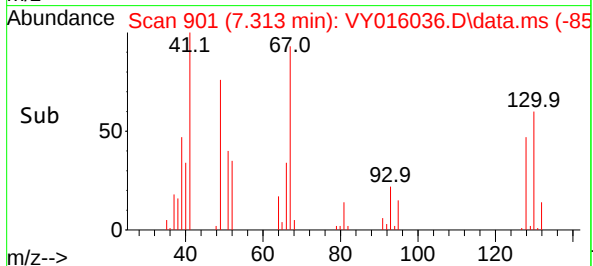
Instrument :
MSVOA_Y
ClientSampleId :
VY1019SBS01



Tgt Ion: 41 Resp: 2609
Ion Ratio Lower Upper
41 100
39 45.2 52.1 78.1
67 78.5 66.2 99.2
52 32.6 29.9 44.9

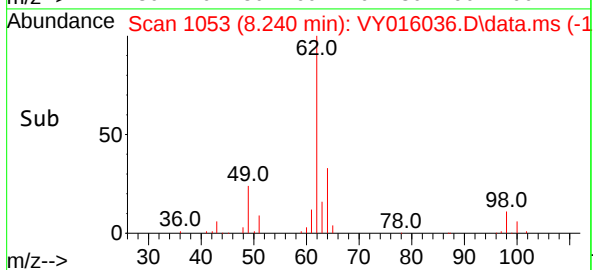
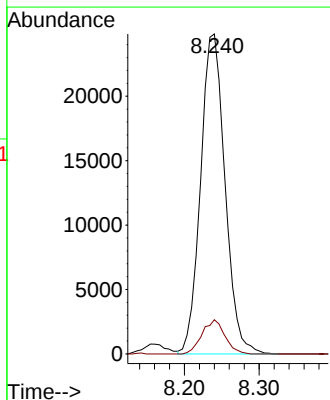
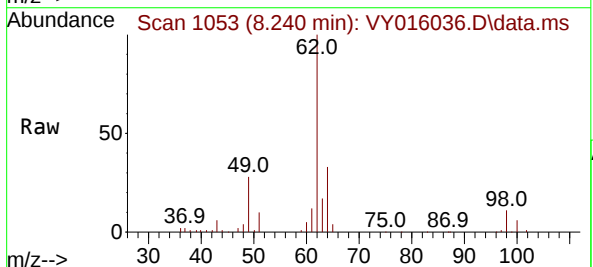
Manual Integrations
APPROVED

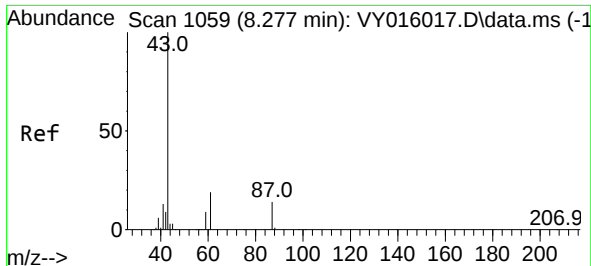
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#42
1,2-Dichloroethane
Concen: 19.520 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

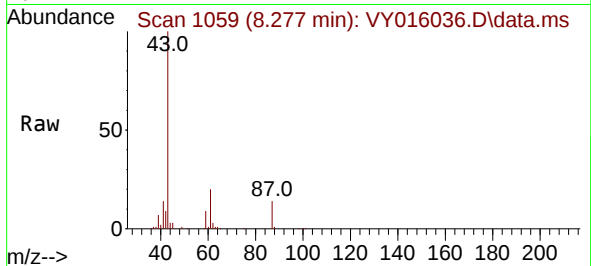
Tgt Ion: 62 Resp: 56464
Ion Ratio Lower Upper
62 100
98 10.0 0.0 15.8





#43
Isopropyl Acetate
Concen: 22.158 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

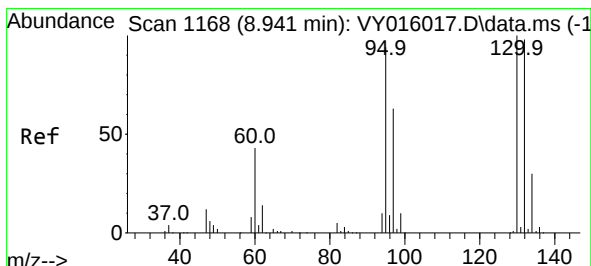
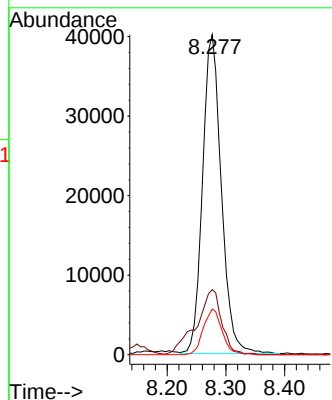
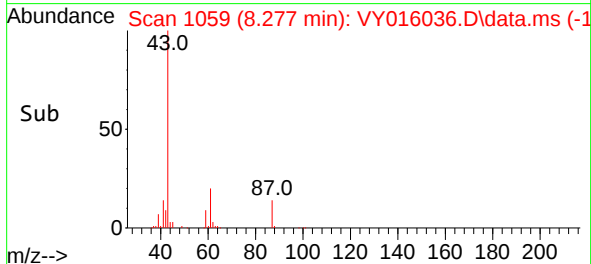
Instrument :
MSVOA_Y
ClientSampleId :
VY1019SBS01



Tgt Ion: 43 Resp: 88972
Ion Ratio Lower Upper
43 100
61 27.7 21.1 31.7
87 14.3 9.8 14.8

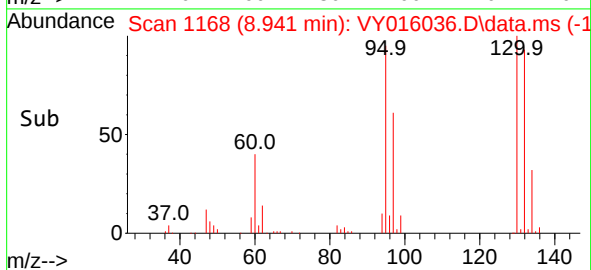
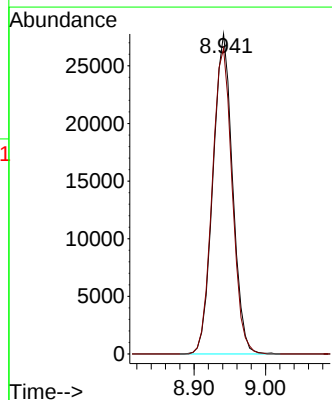
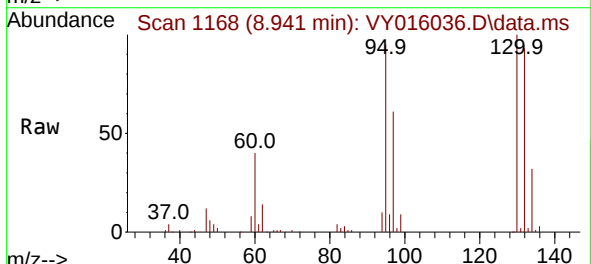
Manual Integrations
APPROVED

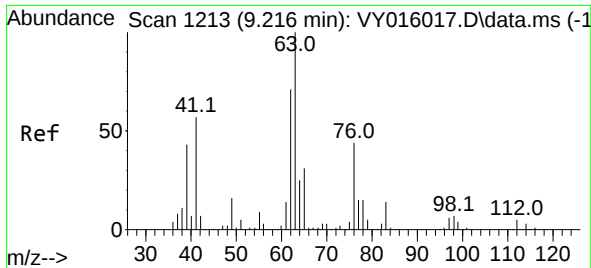
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#44
Trichloroethene
Concen: 20.980 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

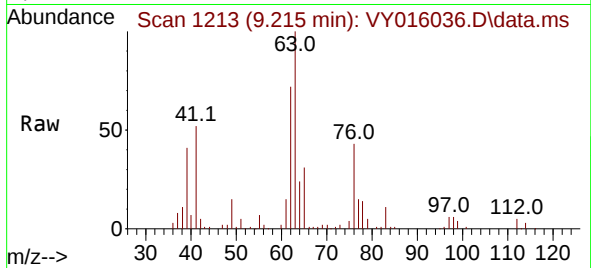
Tgt Ion:130 Resp: 52824
Ion Ratio Lower Upper
130 100
95 95.5 0.0 196.0





#45
1,2-Dichloropropane
Concen: 20.367 ug/l
RT: 9.215 min Scan# 1213
Delta R.T. -0.000 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

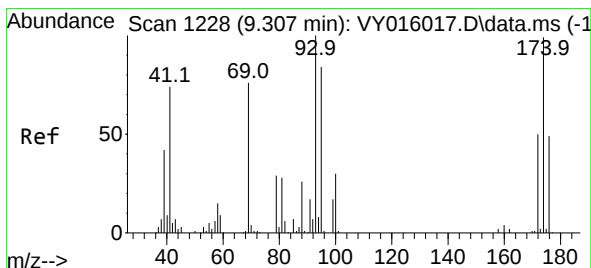
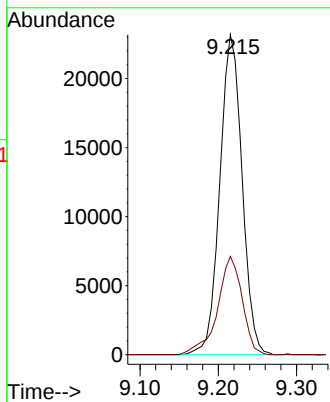
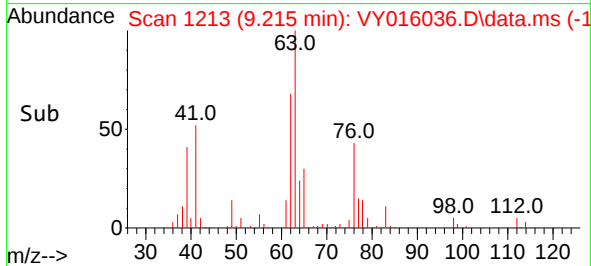
Instrument :
MSVOA_Y
ClientSampleId :
VY1019SBS01



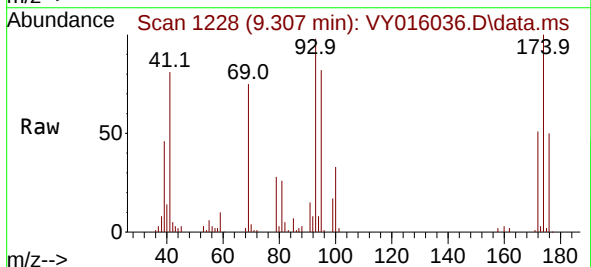
Tgt Ion: 63 Resp: 4577
Ion Ratio Lower Upper
63 100
65 30.7 23.8 35.6

Manual Integrations
APPROVED

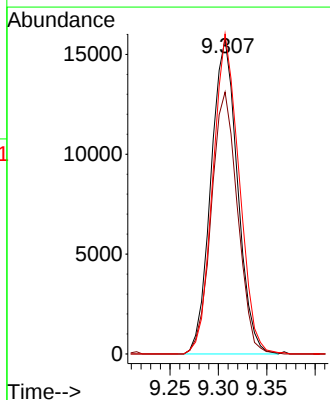
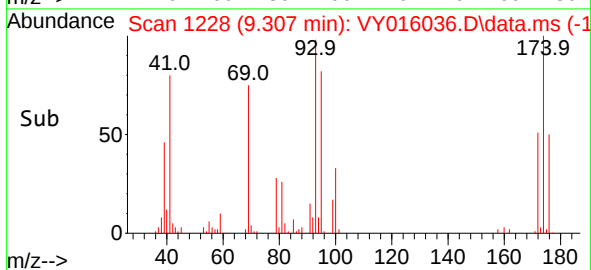
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

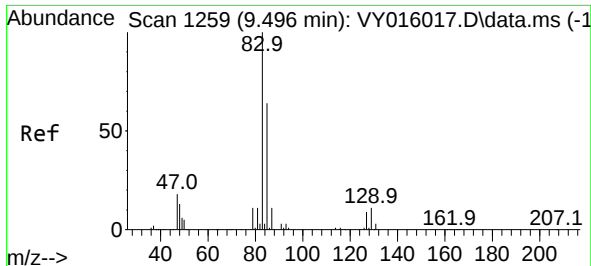


#46
Dibromomethane
Concen: 20.102 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25



Tgt Ion: 93 Resp: 29991
Ion Ratio Lower Upper
93 100
95 82.2 66.6 100.0
174 100.6 84.8 127.2





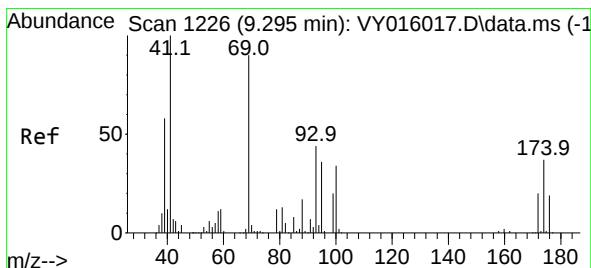
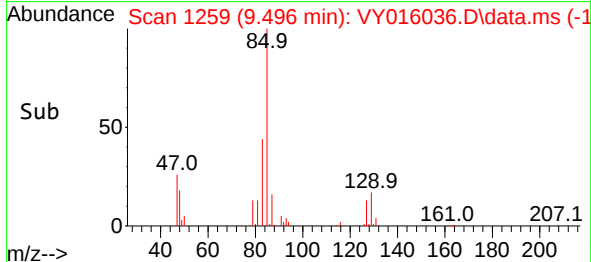
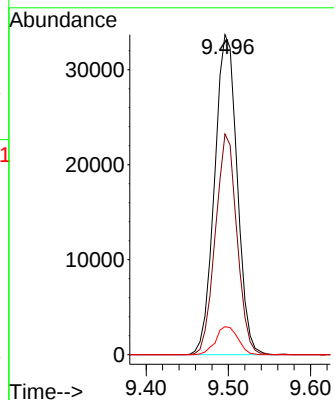
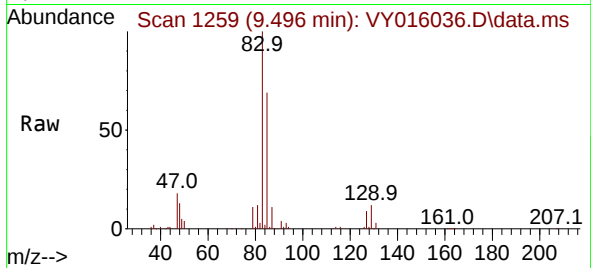
#47
Bromodichloromethane
Concen: 19.686 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

Instrument :
MSVOA_Y
ClientSampleId :
VY1019SBS01

Tgt Ion: 83 Resp: 6437
Ion Ratio Lower Upper
83 100
85 69.0 50.1 75.1
127 8.8 7.1 10.7

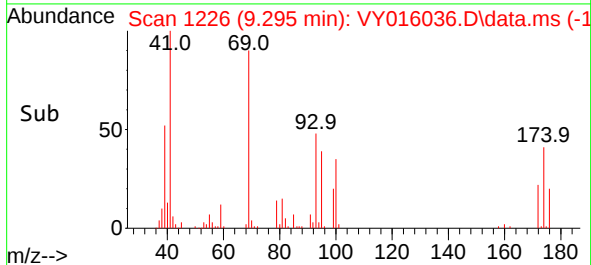
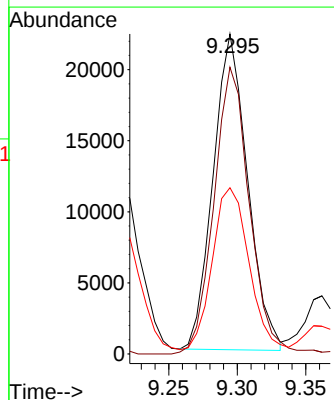
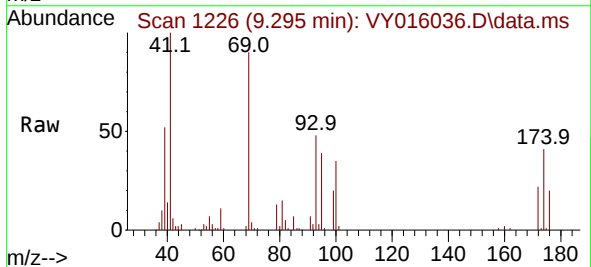
Manual Integrations
APPROVED

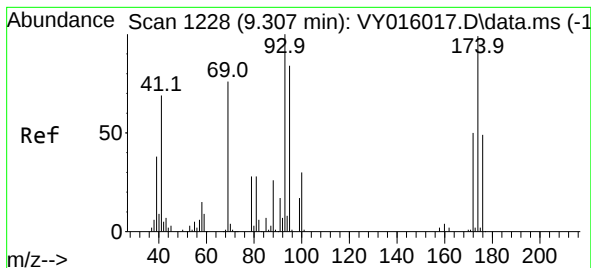
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#48
Methyl methacrylate
Concen: 21.283 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

Tgt Ion: 41 Resp: 38900
Ion Ratio Lower Upper
41 100
69 94.1 64.5 96.7
39 54.6 50.8 76.2





#49

1,4-Dioxane

Concen: 532.859 ug/l

RT: 9.374 min Scan# 1228

Delta R.T. 0.067 min

Lab File: VY016036.D

Acq: 19 Oct 2023 14:25

Instrument :

MSVOA_Y

ClientSampleId :

VY1019SBS01

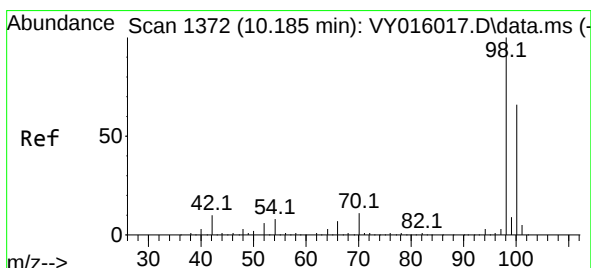
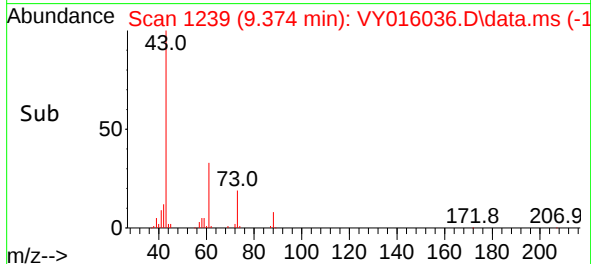
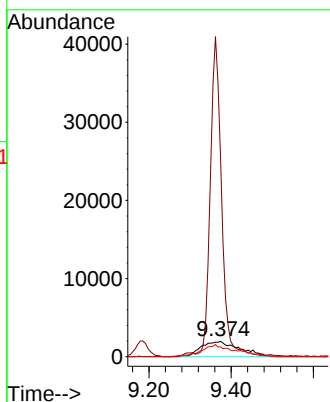
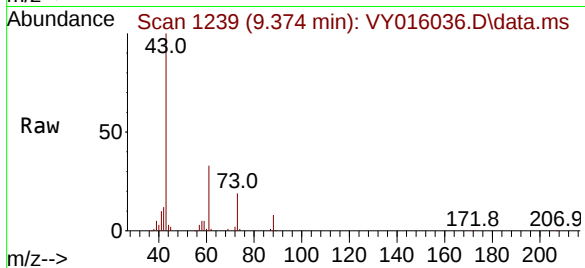
Tgt Ion: 88 Resp: 12659
 Ion Ratio Lower Upper
 88 100
 43 604.4 0.0 0.0
 58 67.8 30.9 46.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#50

Toluene-d8

Concen: 44.368 ug/l

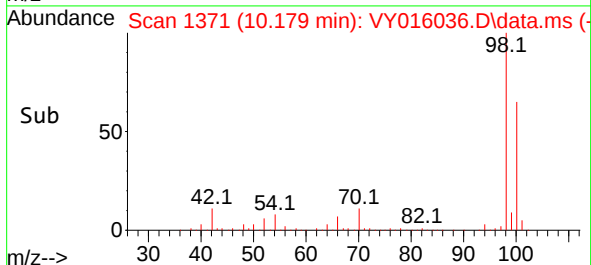
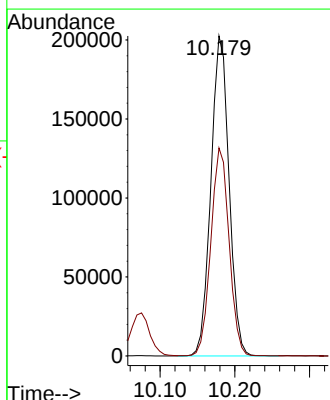
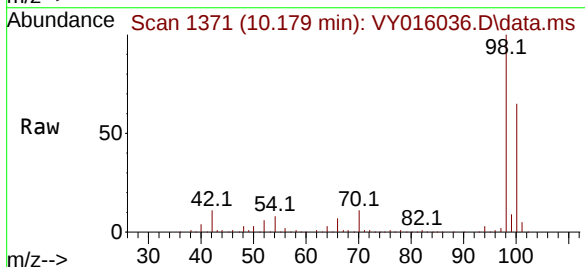
RT: 10.179 min Scan# 1371

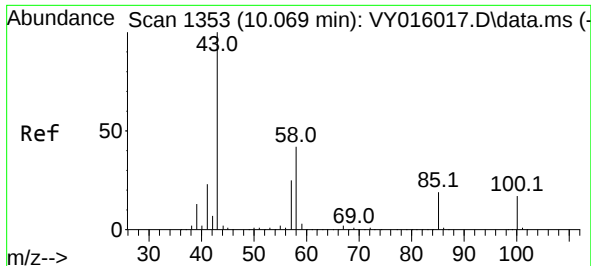
Delta R.T. -0.006 min

Lab File: VY016036.D

Acq: 19 Oct 2023 14:25

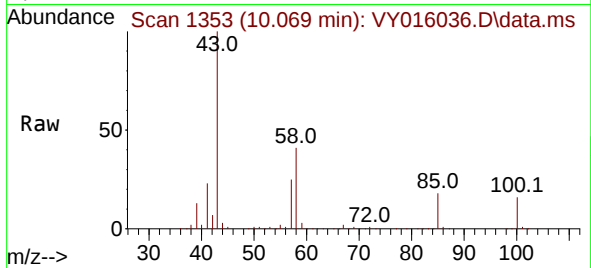
Tgt Ion: 98 Resp: 341242
 Ion Ratio Lower Upper
 98 100
 100 65.3 50.1 75.1





#51
4-Methyl-2-Pentanone
Concen: 121.973 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

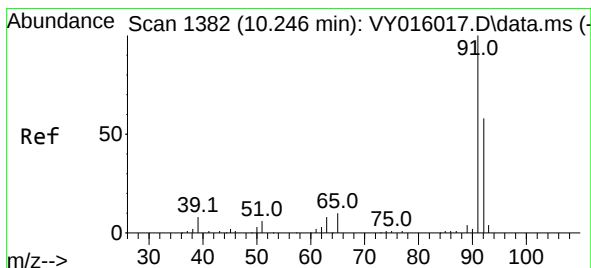
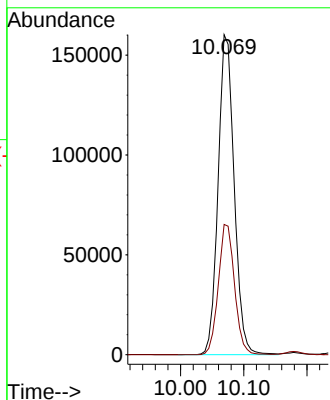
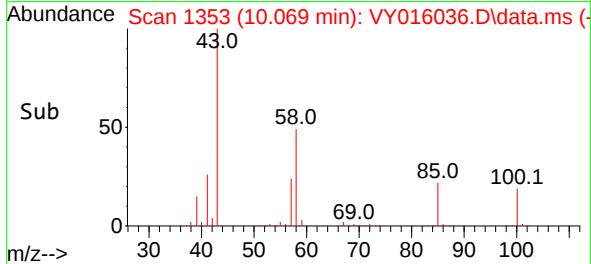
Instrument :
MSVOA_Y
ClientSampleId :
VY1019SBS01



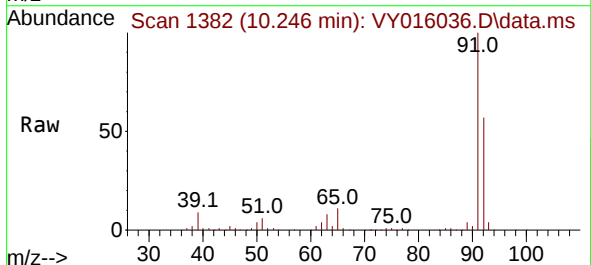
Tgt Ion: 43 Resp: 28164
Ion Ratio Lower Upper
43 100
58 41.1 29.0 43.6

Manual Integrations
APPROVED

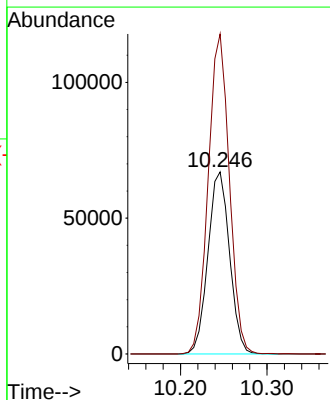
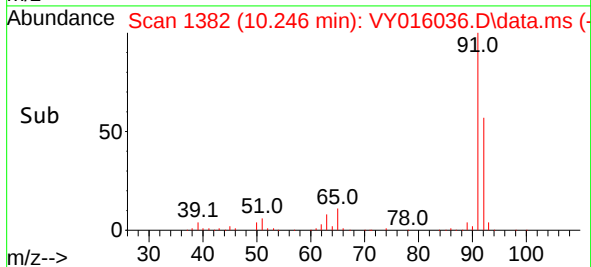
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

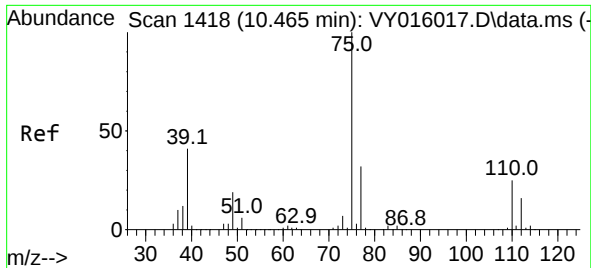


#52
Toluene
Concen: 19.929 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25



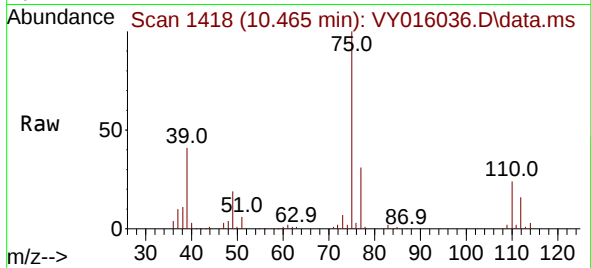
Tgt Ion: 92 Resp: 116076
Ion Ratio Lower Upper
92 100
91 171.9 143.8 215.6





#53
 t-1,3-Dichloropropene
 Concen: 19.555 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. -0.000 min
 Lab File: VY016036.D
 Acq: 19 Oct 2023 14:25

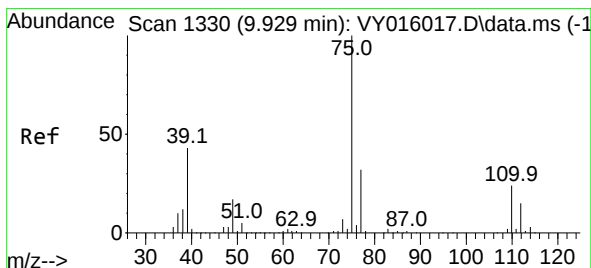
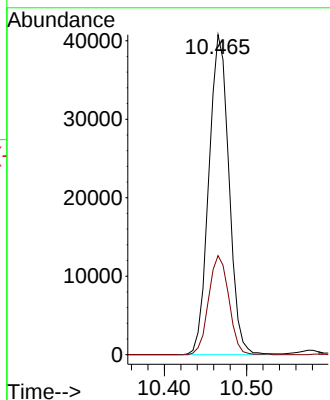
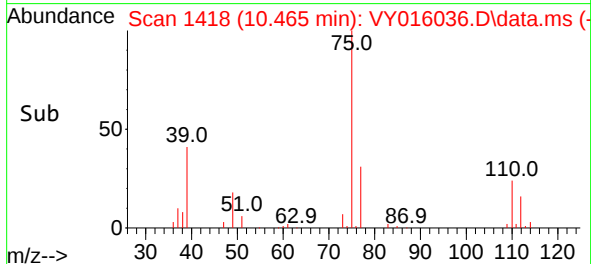
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1019SBS01



Tgt Ion: 75 Resp: 69270
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.0 37.4

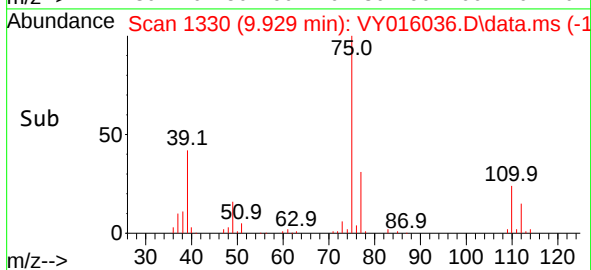
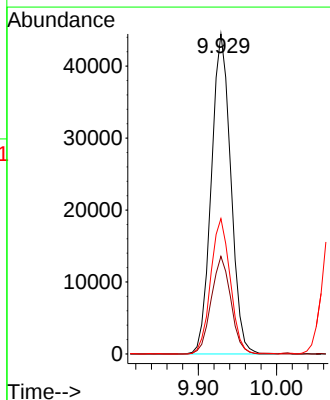
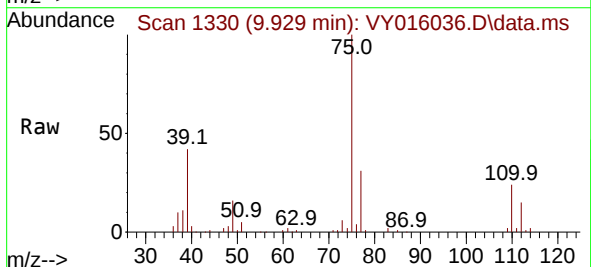
Manual Integrations
 APPROVED

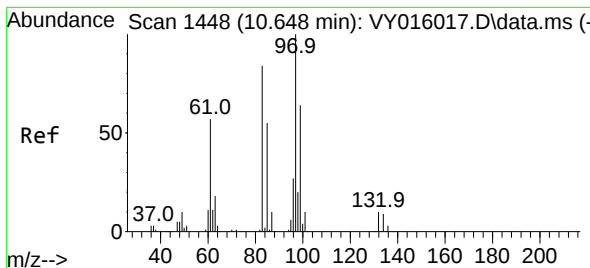
Reviewed By :John Carlone 10/20/2023
 Supervised By :Semsettin Yesilyurt 10/20/2023



#54
 cis-1,3-Dichloropropene
 Concen: 19.898 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY016036.D
 Acq: 19 Oct 2023 14:25

Tgt Ion: 75 Resp: 76831
 Ion Ratio Lower Upper
 75 100
 77 30.5 24.2 36.4
 39 42.3 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 20.412 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VY016036.D

Acq: 19 Oct 2023 14:25

Instrument :

MSVOA_Y

ClientSampleId :

VY1019SBS01

Tgt Ion: 97 Resp: 41838

Ion Ratio Lower Upper

97 100

83 88.4 72.0 108.0

85 55.8 45.4 68.0

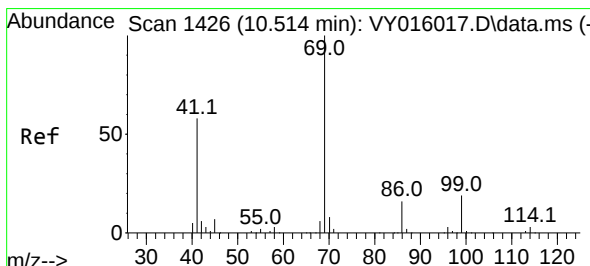
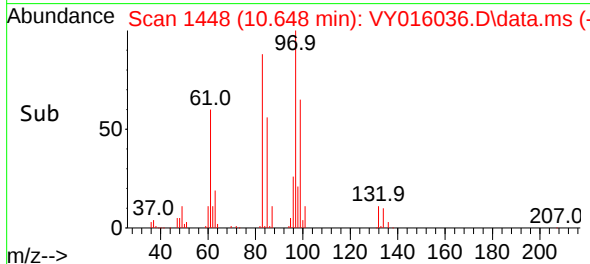
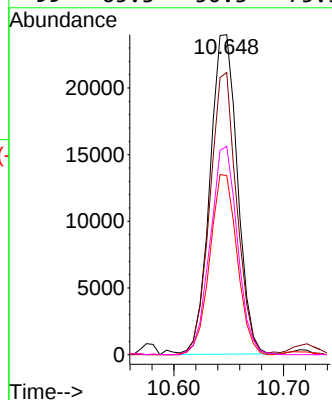
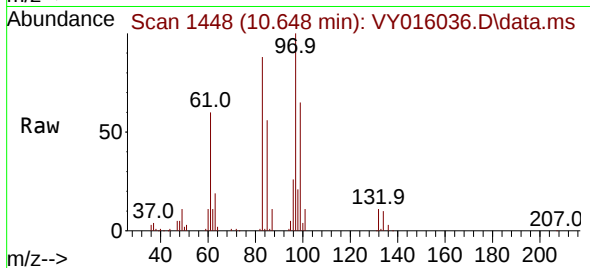
99 65.3 50.3 75.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#56

Ethyl methacrylate

Concen: 20.779 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. -0.000 min

Lab File: VY016036.D

Acq: 19 Oct 2023 14:25

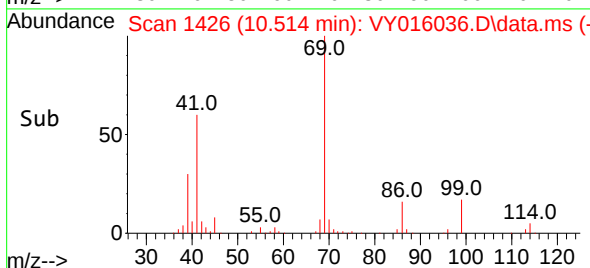
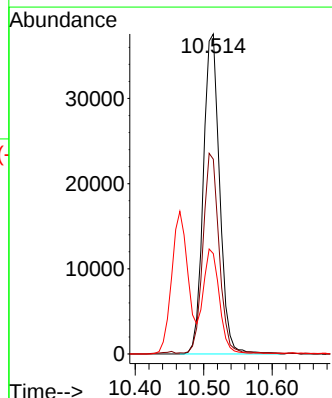
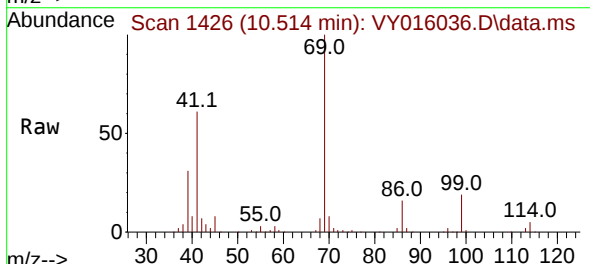
Tgt Ion: 69 Resp: 62243

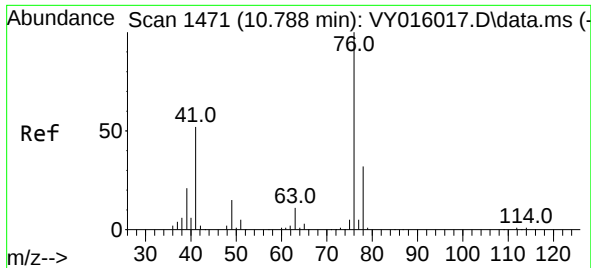
Ion Ratio Lower Upper

69 100

41 61.3 57.6 86.4

39 31.8 34.1 51.1#





#57

1,3-Dichloropropane

Concen: 20.378 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY016036.D

Acq: 19 Oct 2023 14:25

Instrument :

MSVOA_Y

ClientSampleId :

VY1019SBS01

Tgt Ion: 76 Resp: 70859

Ion Ratio Lower Upper

76 100

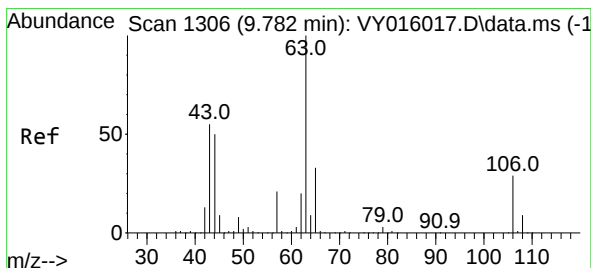
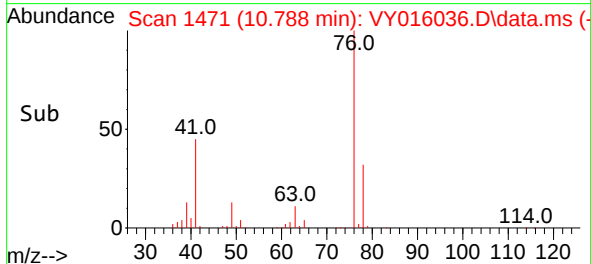
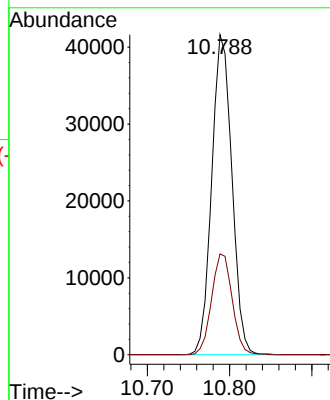
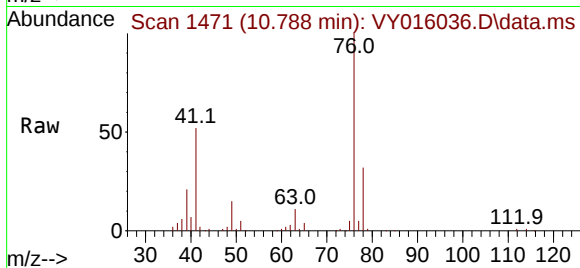
78 32.2 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#58

2-Chloroethyl Vinyl ether

Concen: 106.652 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY016036.D

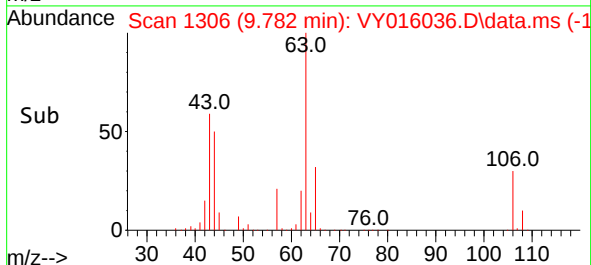
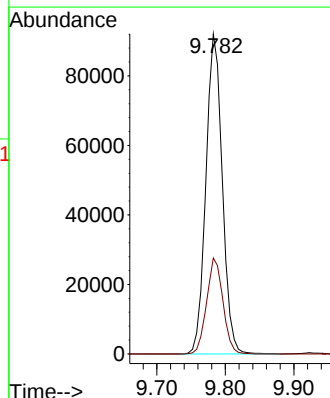
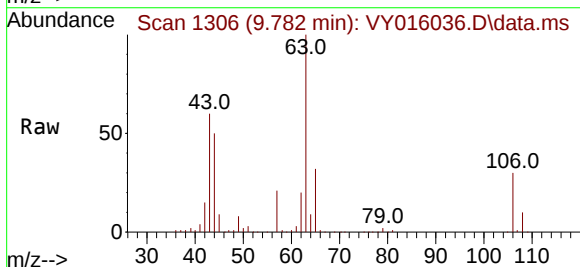
Acq: 19 Oct 2023 14:25

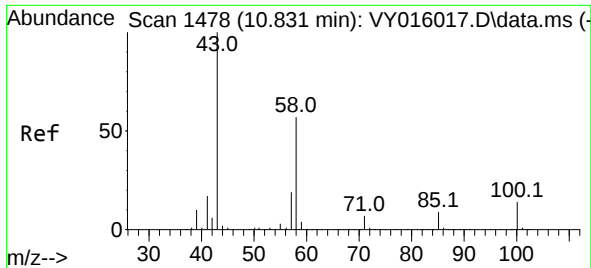
Tgt Ion: 63 Resp: 153450

Ion Ratio Lower Upper

63 100

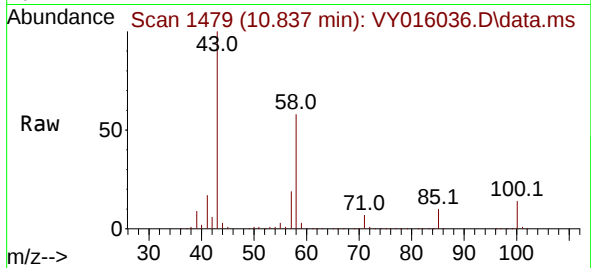
106 29.8 21.2 31.8





#59
2-Hexanone
Concen: 125.540 ug/l
RT: 10.837 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

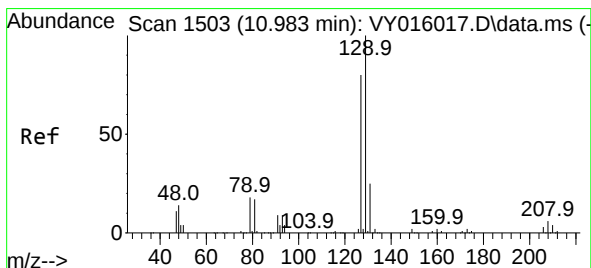
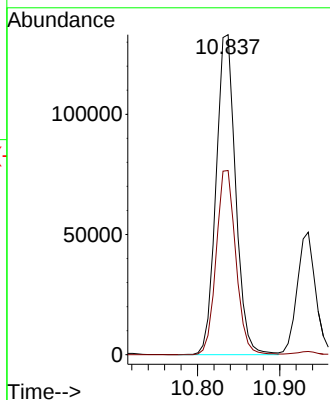
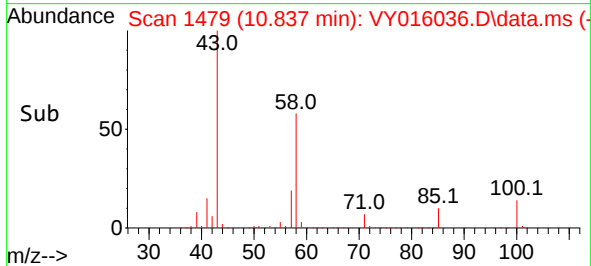
Instrument :
MSVOA_Y
ClientSampleId :
VY1019SBS01



Tgt Ion: 43 Resp: 220549
Ion Ratio Lower Upper
43 100
58 57.8 25.1 75.3

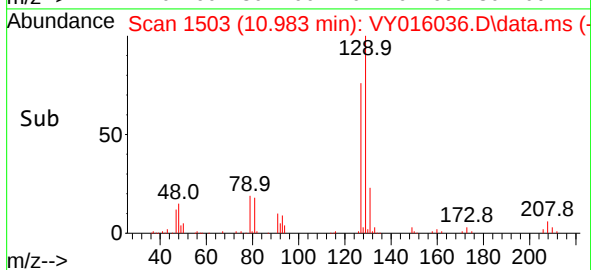
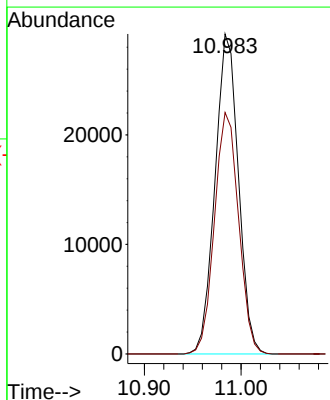
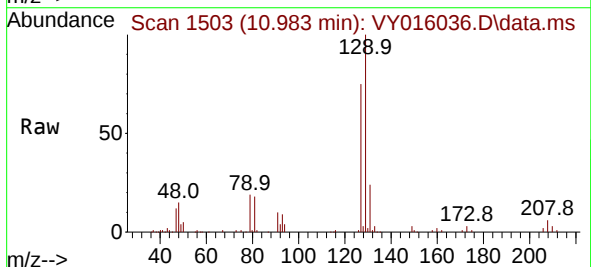
Manual Integrations
APPROVED

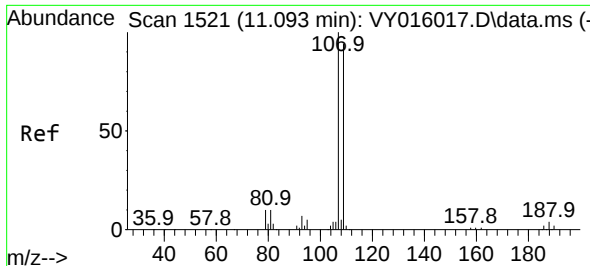
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#60
Dibromochloromethane
Concen: 19.761 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

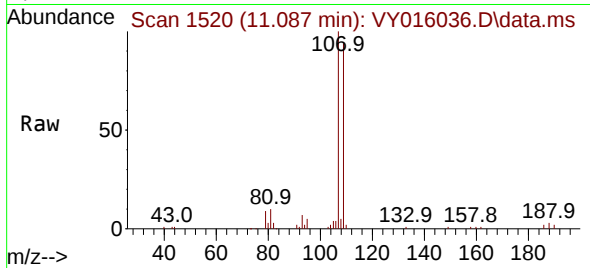
Tgt Ion:129 Resp: 48984
Ion Ratio Lower Upper
129 100
127 77.9 38.5 115.5





#61
1,2-Dibromoethane
Concen: 20.371 ug/l
RT: 11.087 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

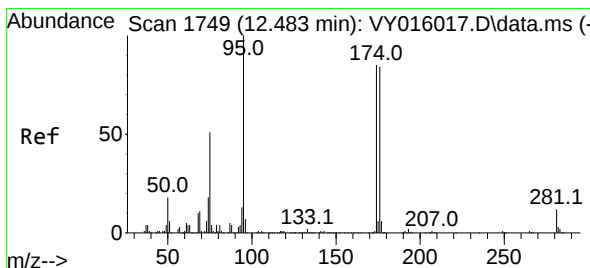
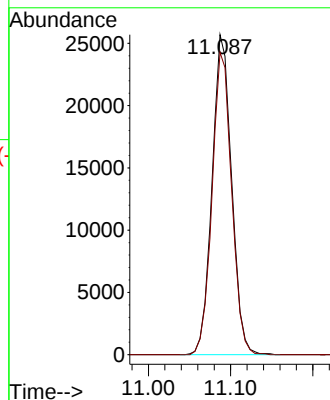
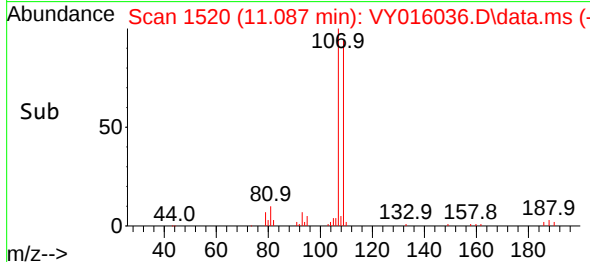
Instrument :
MSVOA_Y
ClientSampleId :
VY1019SBS01



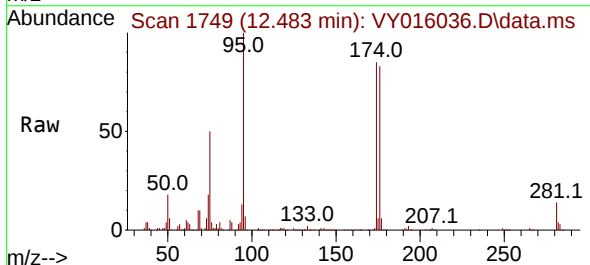
Tgt Ion:107 Resp: 4249
Ion Ratio Lower Upper
107 100
109 94.4 75.6 113.4

Manual Integrations
APPROVED

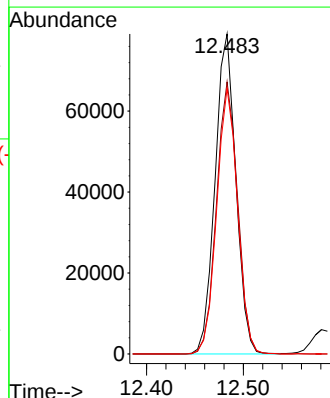
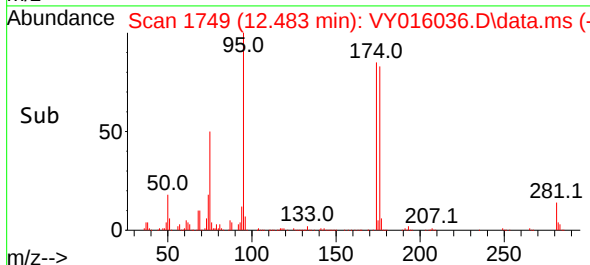
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

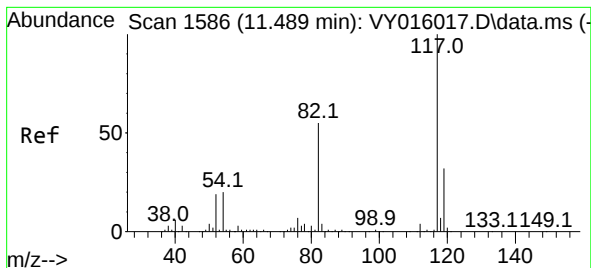


#62
4-Bromofluorobenzene
Concen: 43.078 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25



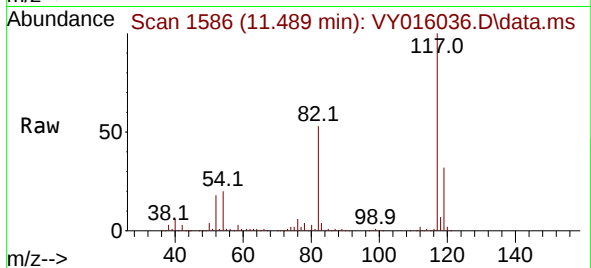
Tgt Ion: 95 Resp: 118221
Ion Ratio Lower Upper
95 100
174 86.4 0.0 178.2
176 83.2 0.0 173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

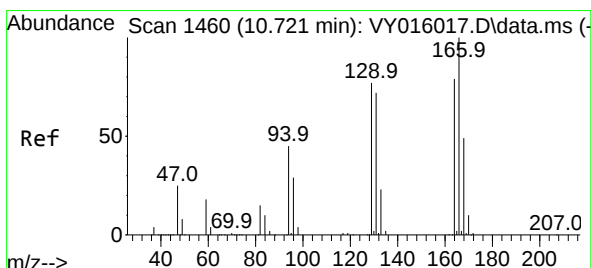
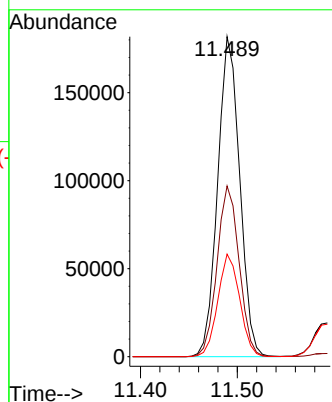
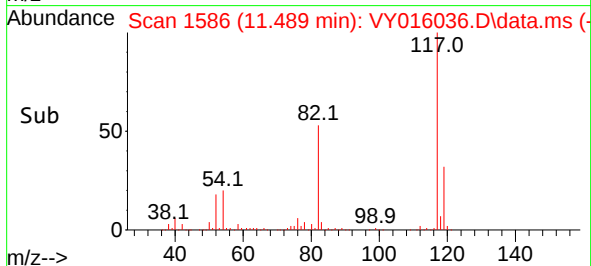
Instrument :
MSVOA_Y
ClientSampleId :
VY1019SBS01



Tgt Ion:117 Resp: 28765
Ion Ratio Lower Upper
117 100
82 53.4 43.4 65.0
119 32.0 26.3 39.5

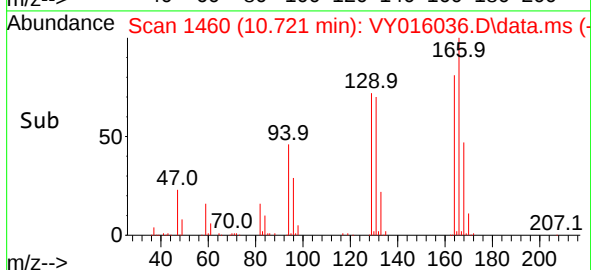
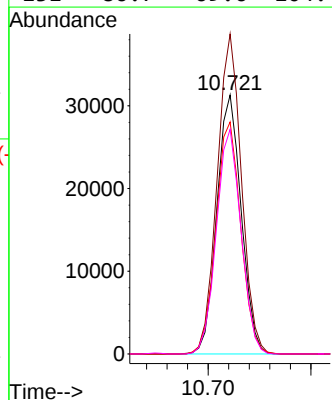
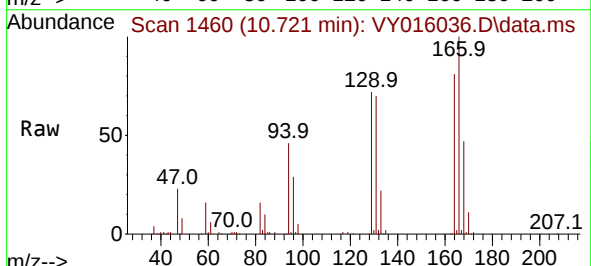
Manual Integrations
APPROVED

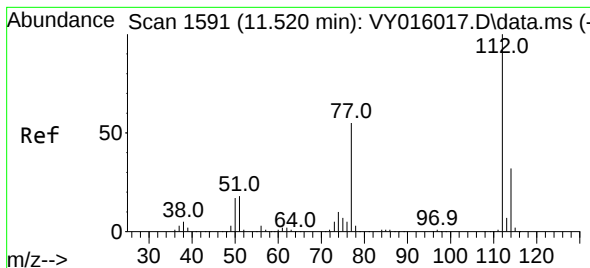
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#64
Tetrachloroethene
Concen: 23.130 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

Tgt Ion:164 Resp: 51591
Ion Ratio Lower Upper
164 100
166 123.6 103.0 154.6
129 89.6 77.2 115.8
131 86.7 69.6 104.4





#65

Chlorobenzene

Concen: 20.133 ug/l

RT: 11.514 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016036.D

Acq: 19 Oct 2023 14:25

Instrument :

MSVOA_Y

ClientSampleId :

VY1019SBS01

Tgt Ion:112 Resp: 125420

Ion Ratio Lower Upper

112 100

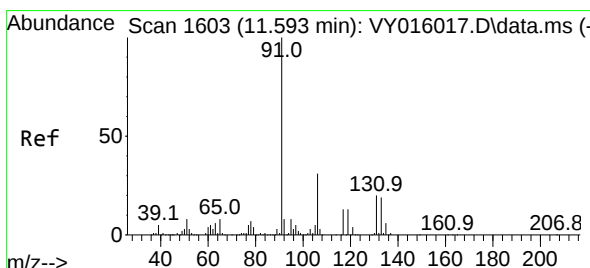
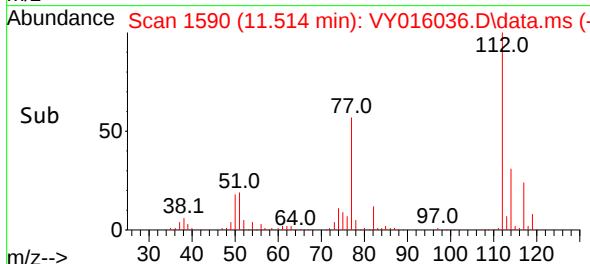
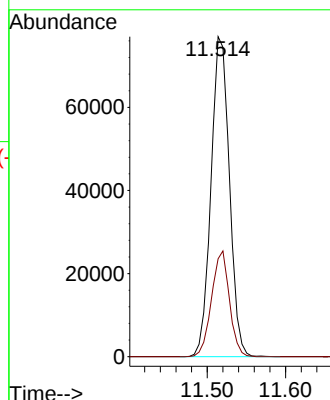
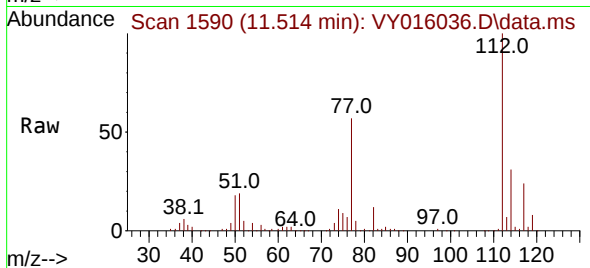
114 30.6 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#66

1,1,1,2-Tetrachloroethane

Concen: 20.076 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY016036.D

Acq: 19 Oct 2023 14:25

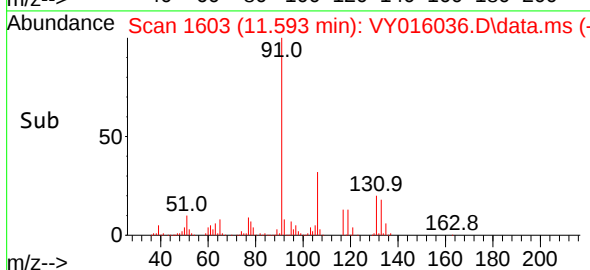
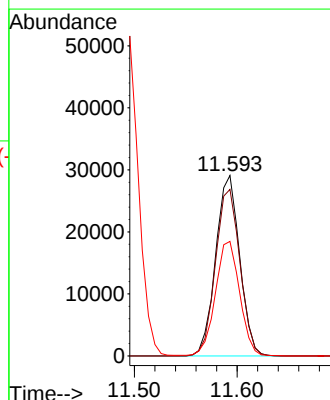
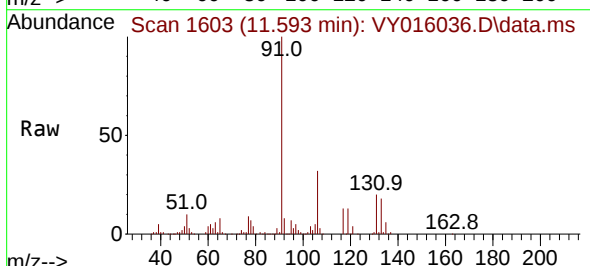
Tgt Ion:131 Resp: 47140

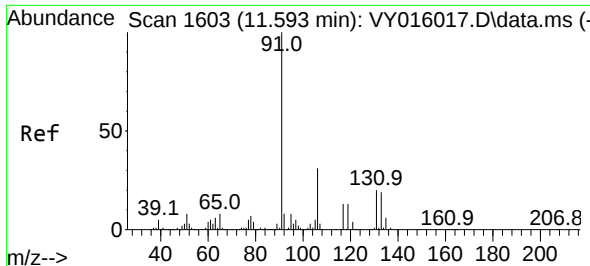
Ion Ratio Lower Upper

131 100

133 94.3 47.5 142.6

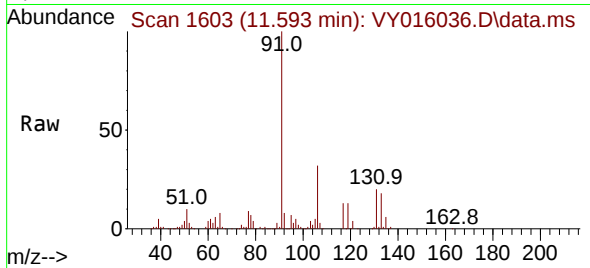
119 64.5 31.6 94.7





#67
Ethyl Benzene
Concen: 20.116 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

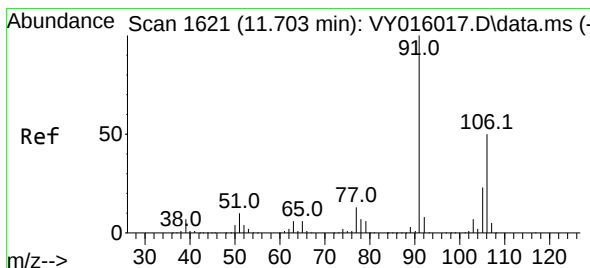
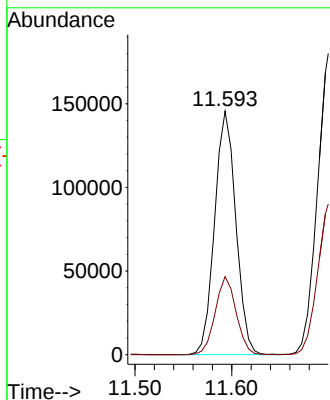
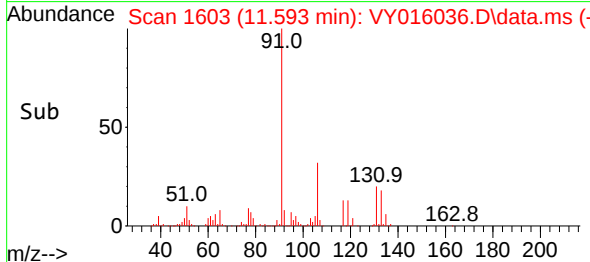
Instrument :
MSVOA_Y
ClientSampleId :
VY1019SBS01



Tgt Ion: 91 Resp: 22174
Ion Ratio Lower Upper
91 100
106 32.1 24.6 36.8

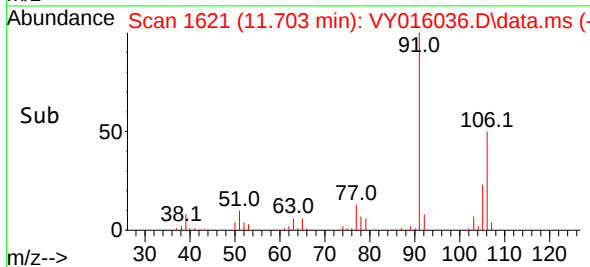
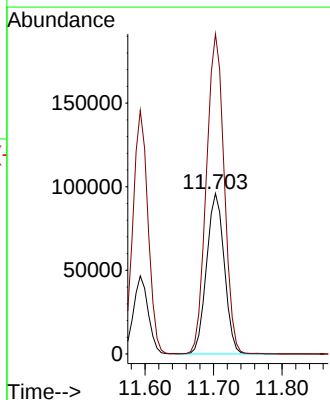
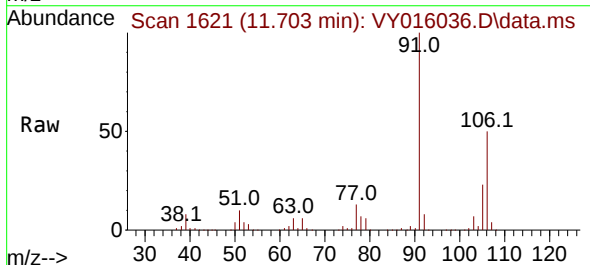
Manual Integrations
APPROVED

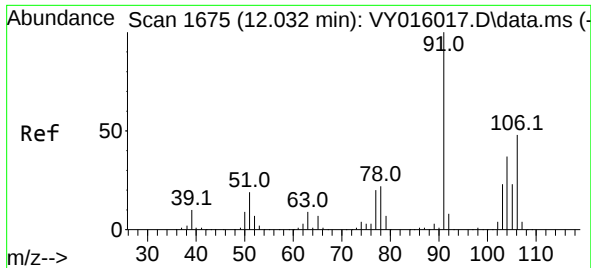
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#68
m/p-Xylenes
Concen: 40.057 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

Tgt Ion:106 Resp: 172189
Ion Ratio Lower Upper
106 100
91 200.3 166.1 249.1





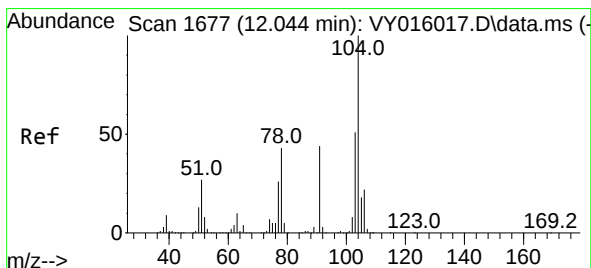
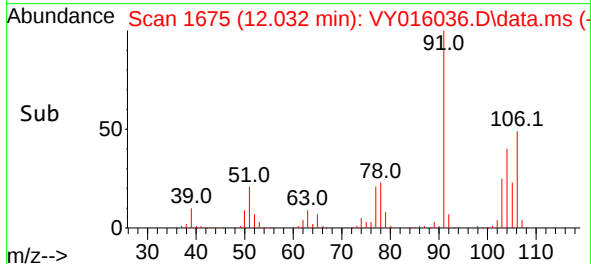
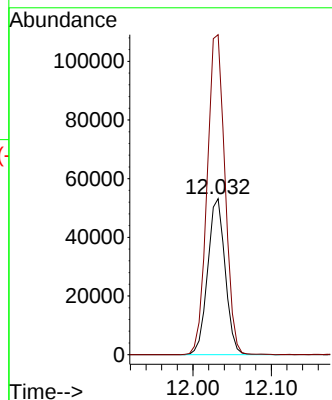
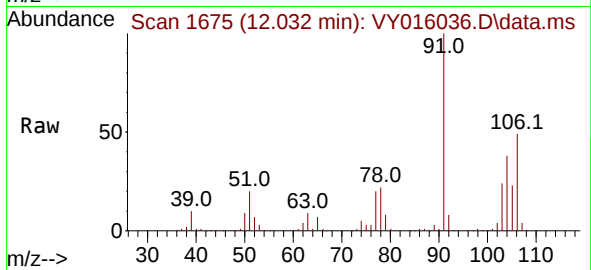
#69
o-Xylene
Concen: 20.107 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

Instrument :
MSVOA_Y
ClientSampleId :
VY1019SBS01

Tgt Ion:106 Resp: 82224
Ion Ratio Lower Upper
106 100
91 209.4 108.1 324.3

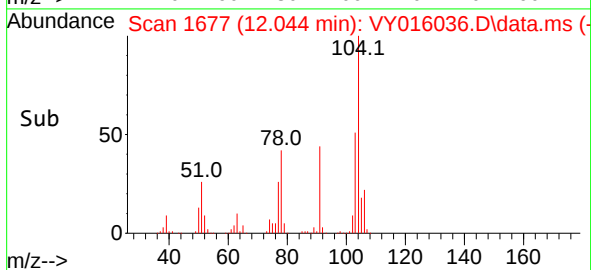
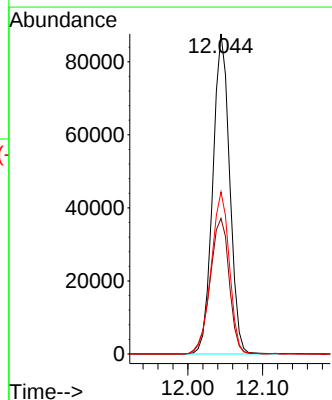
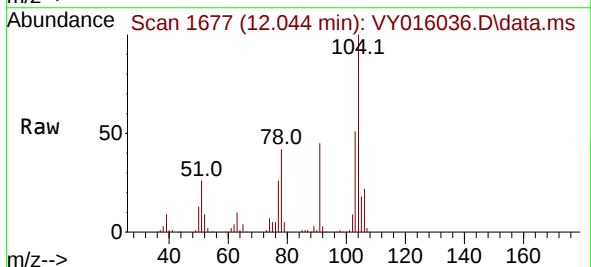
Manual Integrations
APPROVED

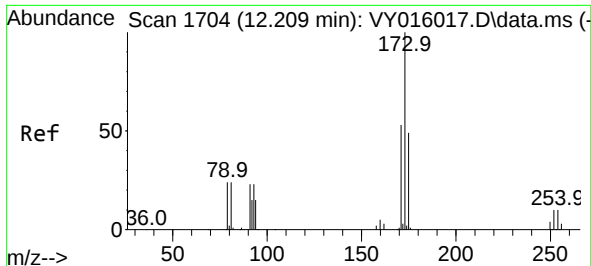
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#70
Styrene
Concen: 19.722 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

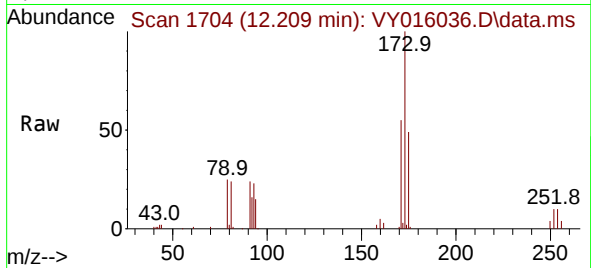
Tgt Ion:104 Resp: 137455
Ion Ratio Lower Upper
104 100
78 47.8 41.5 62.3
103 54.5 44.6 67.0





#71
Bromoform
Concen: 20.524 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

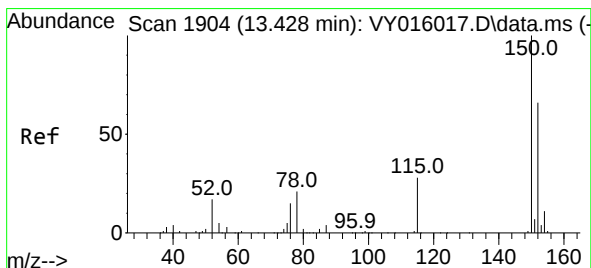
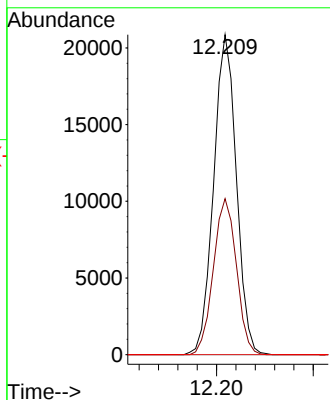
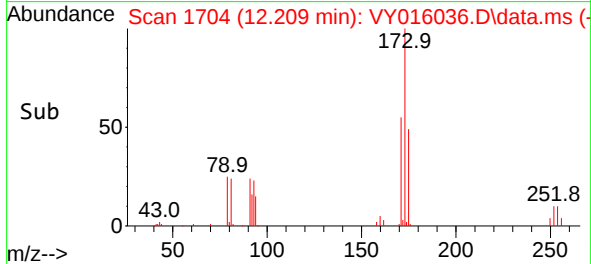
Instrument :
MSVOA_Y
ClientSampleId :
VY1019SBS01



Tgt Ion:173 Resp: 33910
Ion Ratio Lower Upper
173 100
175 49.5 24.6 73.8
254 0.0 0.2 0.2

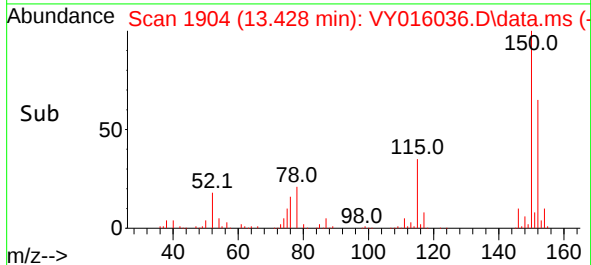
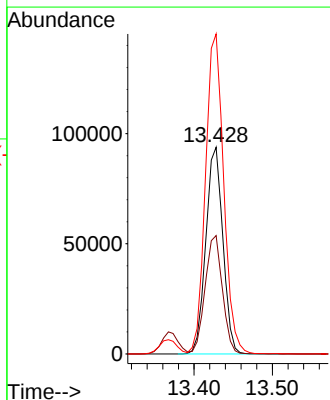
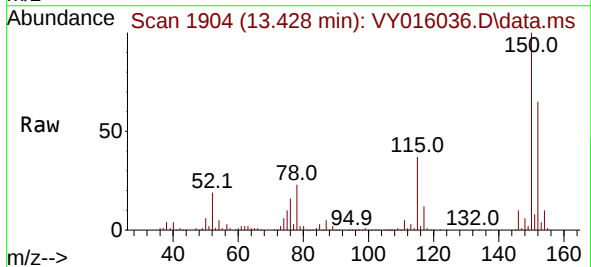
Manual Integrations
APPROVED

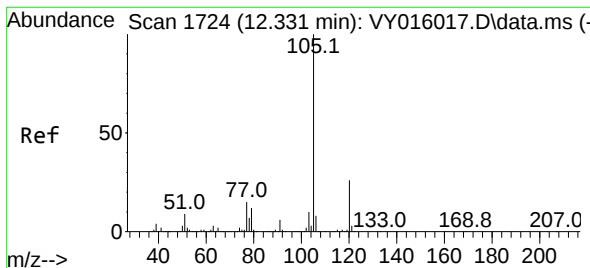
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

Tgt Ion:152 Resp: 141831
Ion Ratio Lower Upper
152 100
115 58.2 28.8 86.5
150 164.8 0.0 348.8





#73

Isopropylbenzene

Concen: 20.216 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. -0.000 min

Lab File: VY016036.D

Acq: 19 Oct 2023 14:25

Instrument :

MSVOA_Y

ClientSampleId :

VY1019SBS01

Tgt Ion:105 Resp: 214478

Ion Ratio Lower Upper

105 100

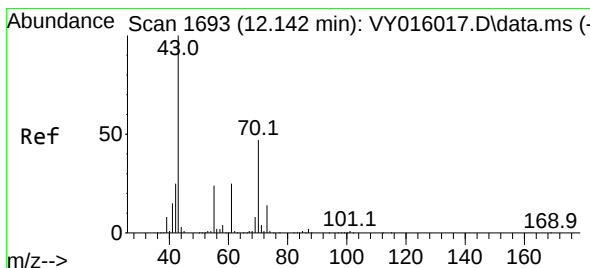
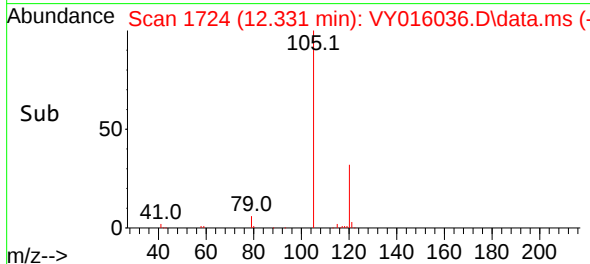
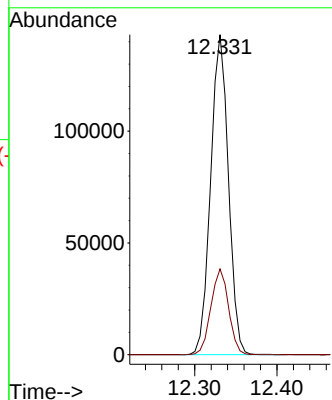
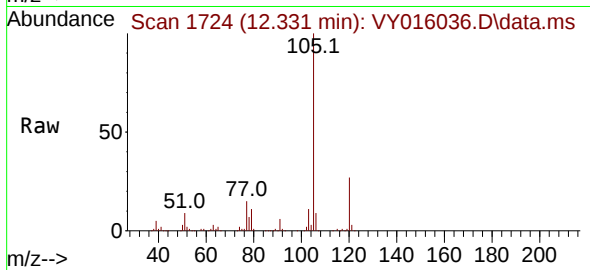
120 26.6 13.3 39.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#74

N-ethyl acetate

Concen: 22.375 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY016036.D

Acq: 19 Oct 2023 14:25

Tgt Ion: 43 Resp: 74980

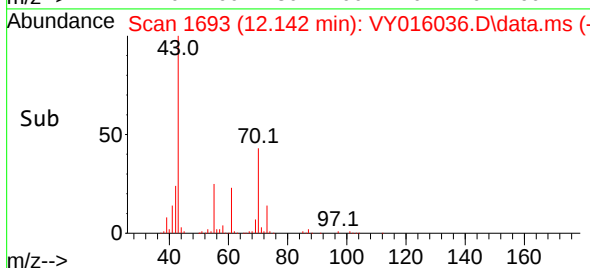
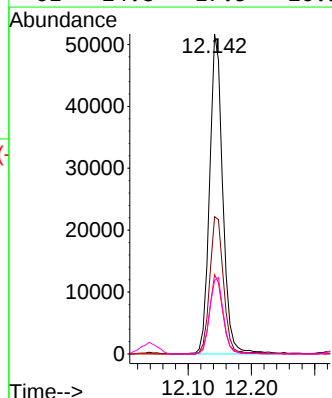
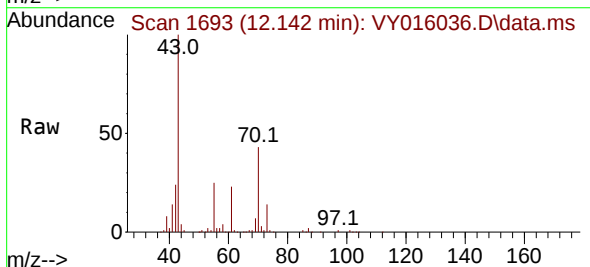
Ion Ratio Lower Upper

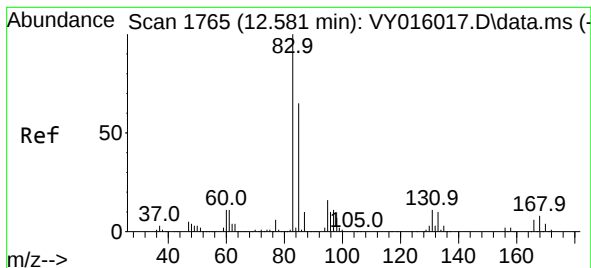
43 100

70 44.5 29.7 44.5

55 24.6 18.3 27.5

61 24.8 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 21.804 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY016036.D

Acq: 19 Oct 2023 14:25

Instrument :

MSVOA_Y

ClientSampleId :

VY1019SBS01

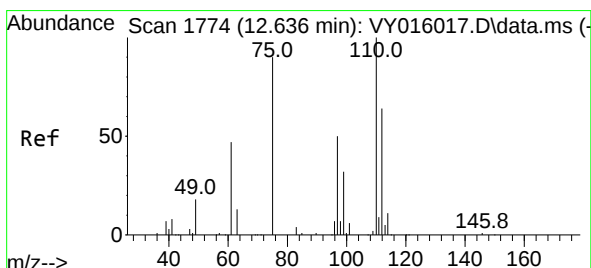
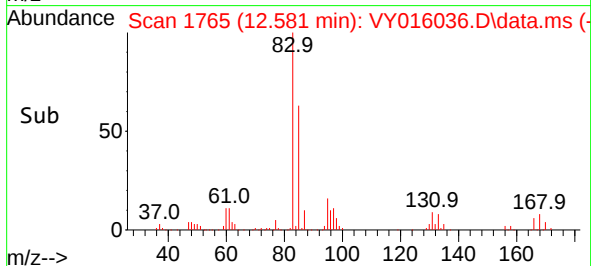
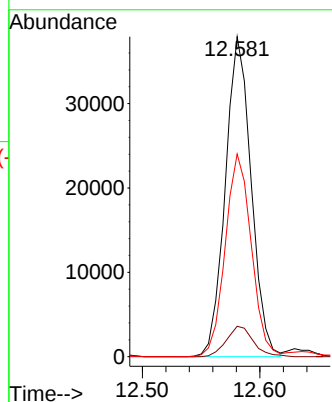
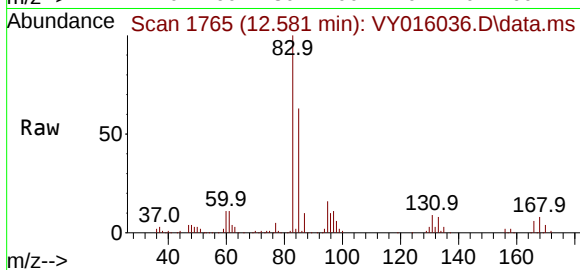
Tgt Ion:	83	Resp:	57939
Ion Ratio	Lower	Upper	
83	100		
131	9.9	5.4	16.2
85	64.1	31.8	95.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#76

1,2,3-Trichloropropane

Concen: 22.890 ug/l m

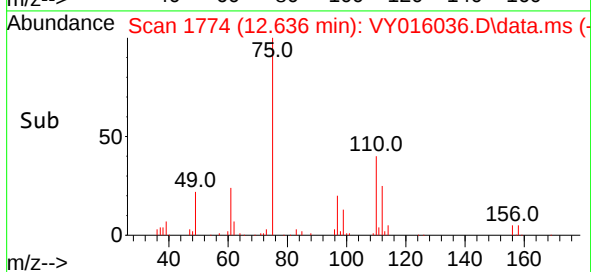
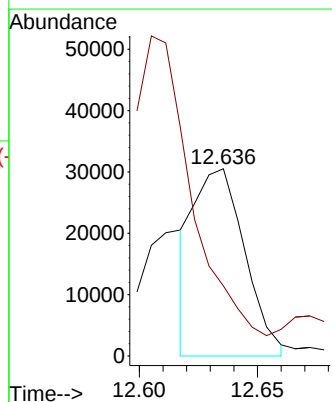
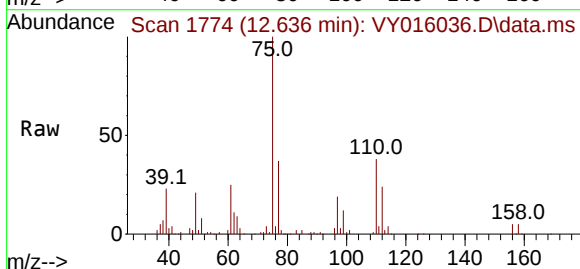
RT: 12.636 min Scan# 1774

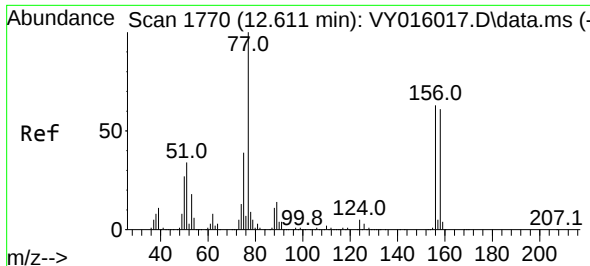
Delta R.T. -0.000 min

Lab File: VY016036.D

Acq: 19 Oct 2023 14:25

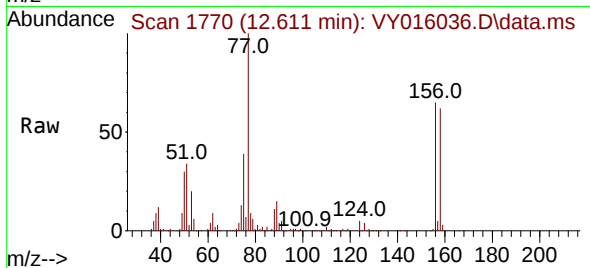
Tgt Ion:	75	Resp:	45968
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77
Bromobenzene
Concen: 20.483 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. -0.000 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

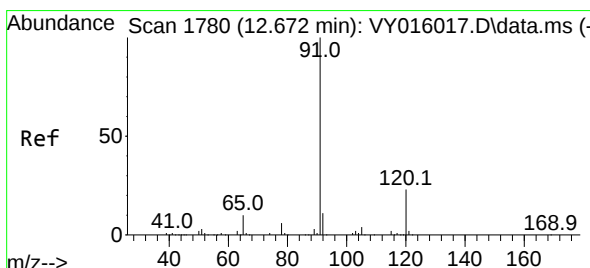
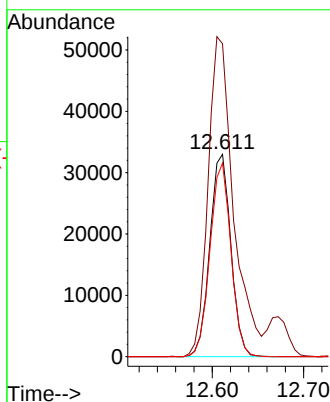
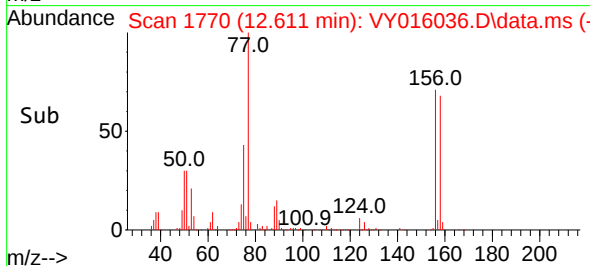
Instrument :
MSVOA_Y
ClientSampleId :
VY1019SBS01



Tgt Ion:156 Resp: 5274
Ion Ratio Lower Upper
156 100
77 190.6 92.8 278.6
158 94.9 48.4 145.3

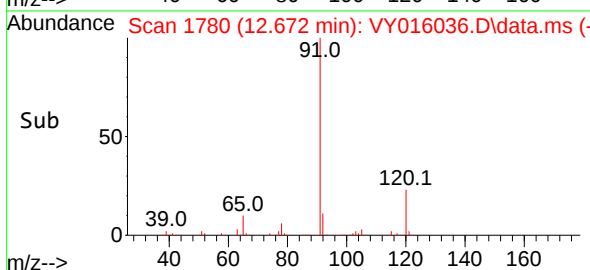
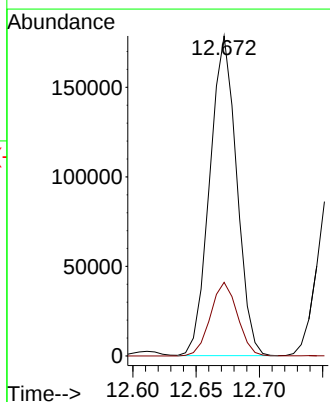
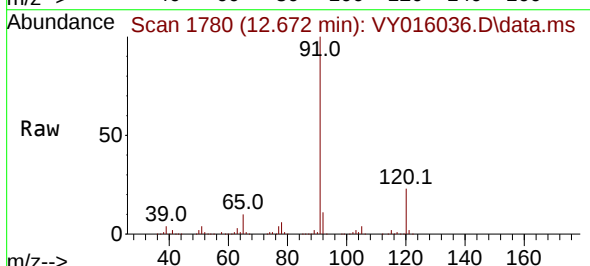
Manual Integrations
APPROVED

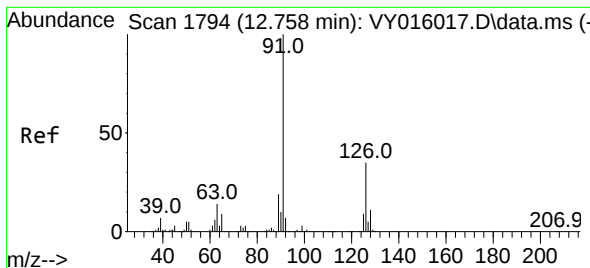
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#78
n-propylbenzene
Concen: 20.680 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

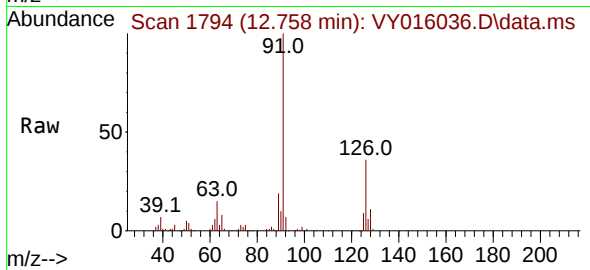
Tgt Ion: 91 Resp: 264267
Ion Ratio Lower Upper
91 100
120 23.1 11.5 34.4





#79
2-Chlorotoluene
Concen: 20.535 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

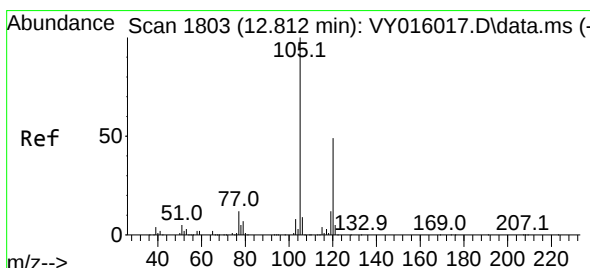
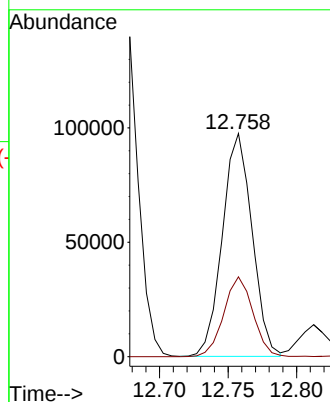
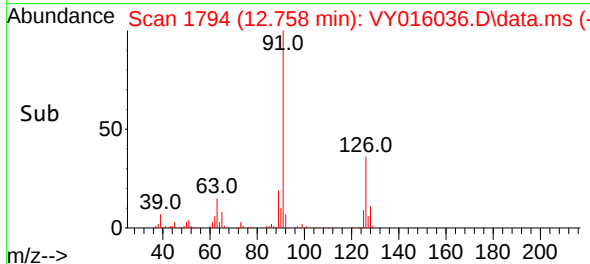
Instrument :
MSVOA_Y
ClientSampleId :
VY1019SBS01



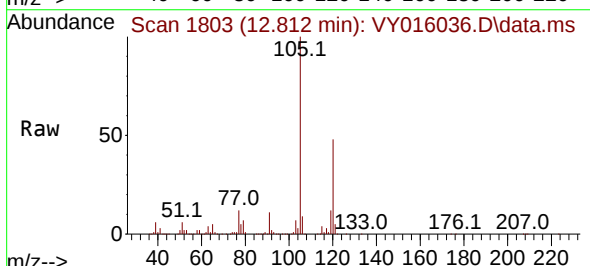
Tgt Ion: 91 Resp: 147295
Ion Ratio Lower Upper
91 100
126 35.2 17.3 51.7

Manual Integrations
APPROVED

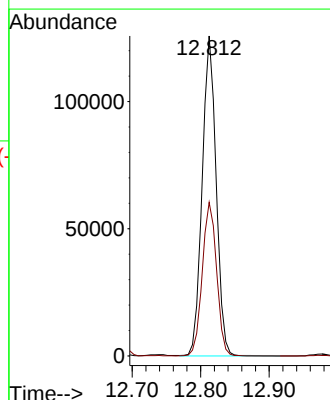
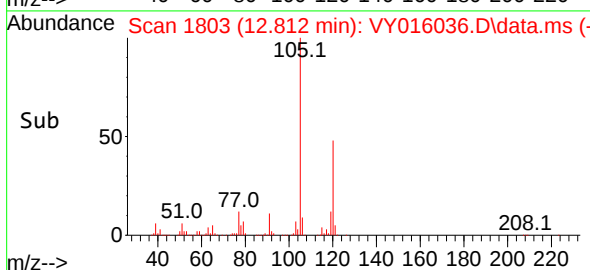
Reviewed By :John Carbone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

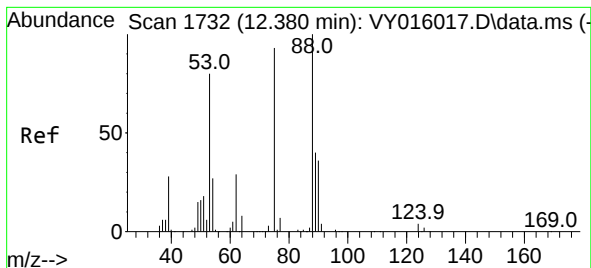


#80
1,3,5-Trimethylbenzene
Concen: 20.356 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25



Tgt Ion:105 Resp: 178882
Ion Ratio Lower Upper
105 100
120 49.2 23.9 71.7





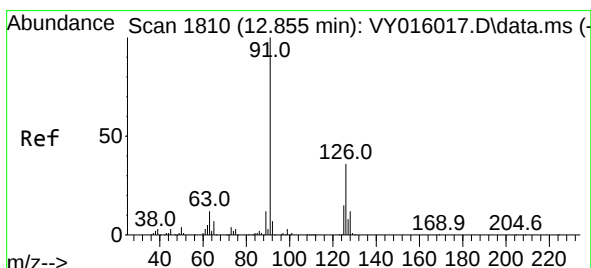
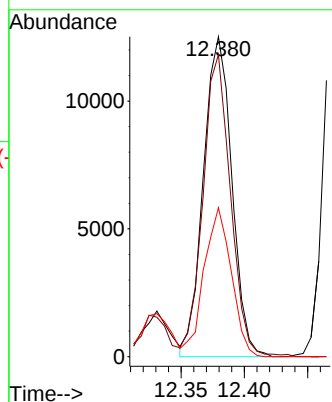
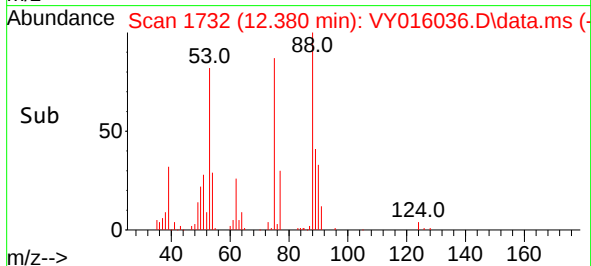
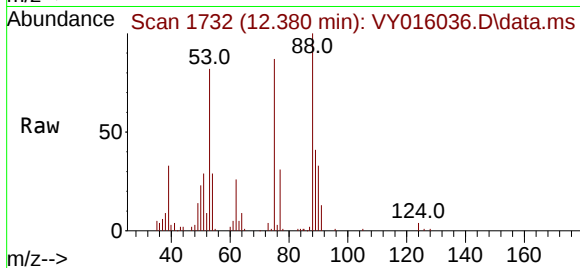
#81
trans-1,4-Dichloro-2-butene
Concen: 21.294 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

Instrument :
MSVOA_Y
ClientSampleId :
VY1019SBS01

Tgt Ion: 75 Resp: 19590
Ion Ratio Lower Upper
75 100
53 91.2 77.8 116.8
89 44.8 37.4 56.0

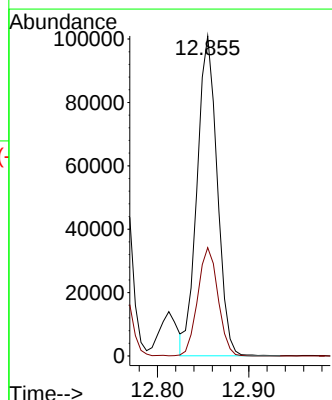
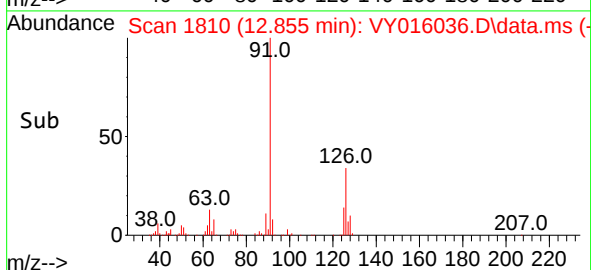
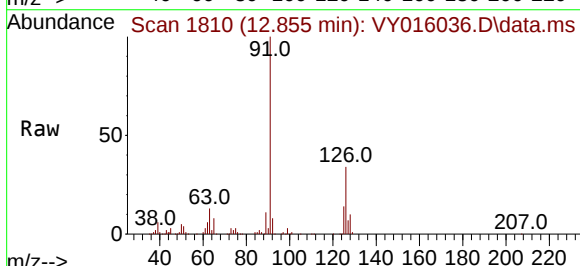
Manual Integrations
APPROVED

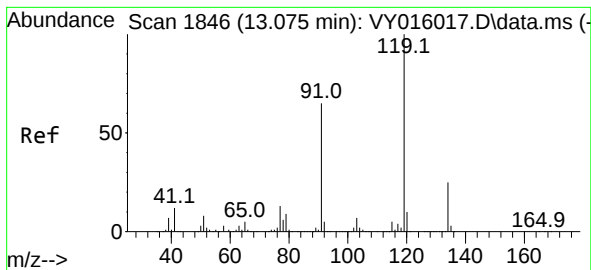
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#82
4-Chlorotoluene
Concen: 20.584 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

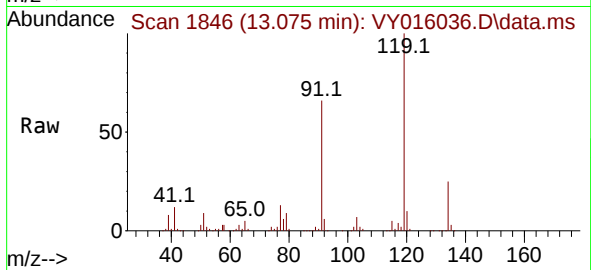
Tgt Ion: 91 Resp: 154094
Ion Ratio Lower Upper
91 100
126 34.2 17.2 51.6





#83
tert-Butylbenzene
Concen: 20.048 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

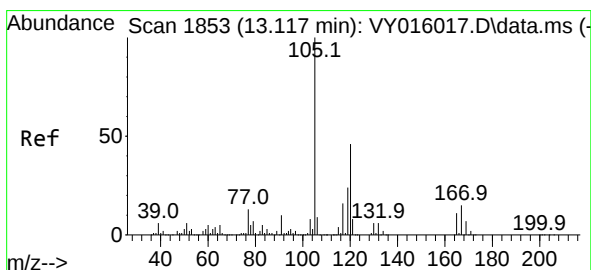
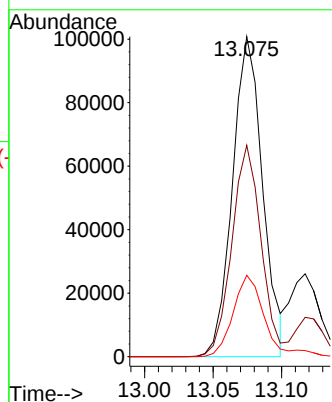
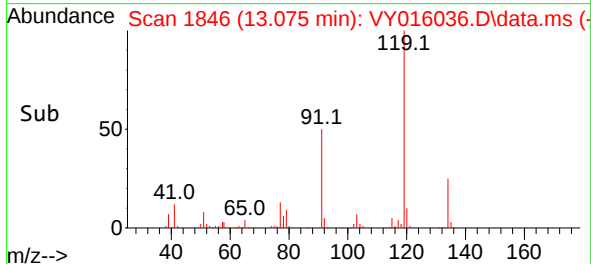
Instrument :
MSVOA_Y
ClientSampleId :
VY1019SBS01



Tgt Ion:119 Resp: 15448
Ion Ratio Lower Upper
119 100
91 63.8 32.9 98.6
134 26.6 13.0 38.9

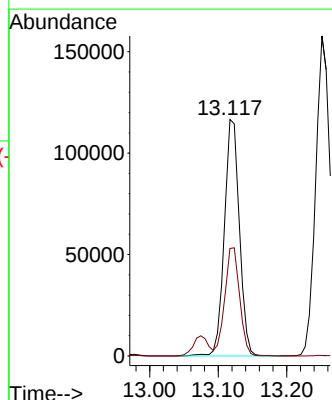
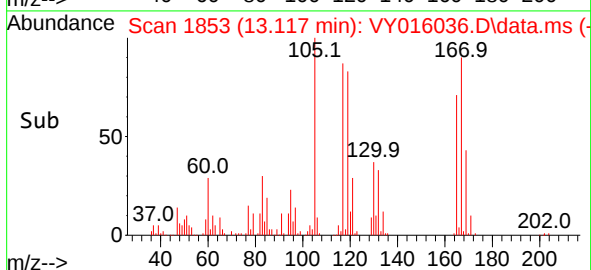
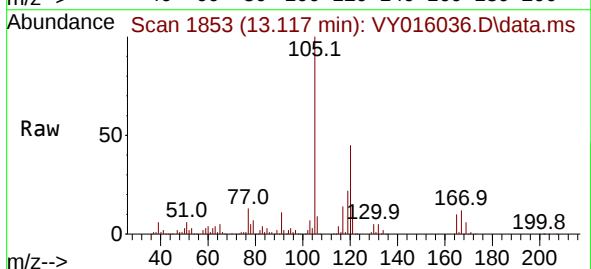
Manual Integrations
APPROVED

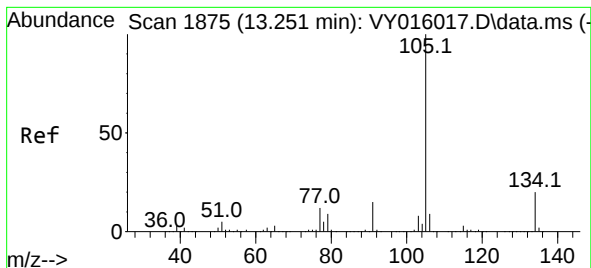
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#84
1,2,4-Trimethylbenzene
Concen: 20.307 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

Tgt Ion:105 Resp: 177209
Ion Ratio Lower Upper
105 100
120 45.2 22.2 66.6





#85

sec-Butylbenzene

Concen: 20.387 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY016036.D

Acq: 19 Oct 2023 14:25

Instrument :

MSVOA_Y

ClientSampleId :

VY1019SBS01

Tgt Ion:105 Resp: 23462

Ion Ratio Lower Upper

105 100

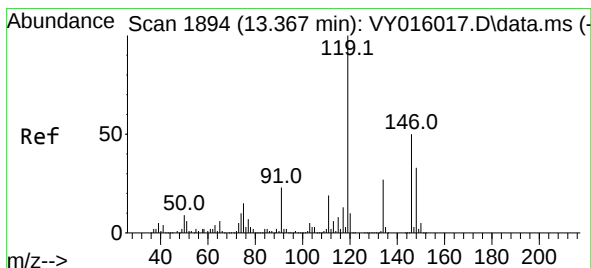
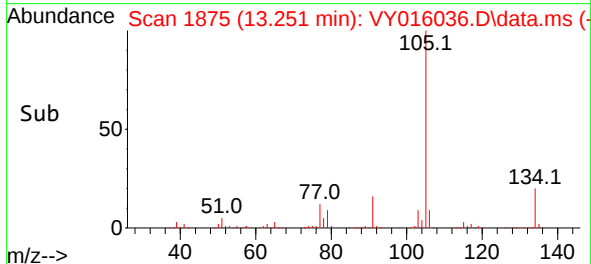
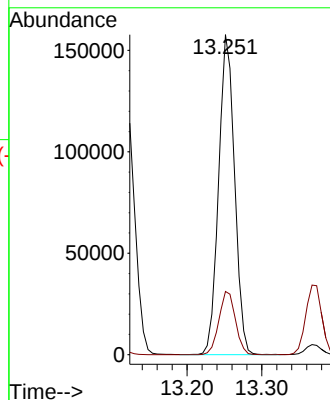
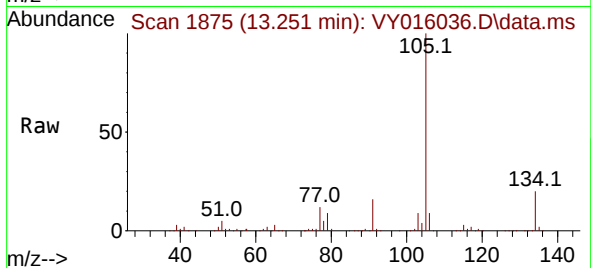
134 20.4 10.2 30.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#86

p-Isopropyltoluene

Concen: 20.168 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY016036.D

Acq: 19 Oct 2023 14:25

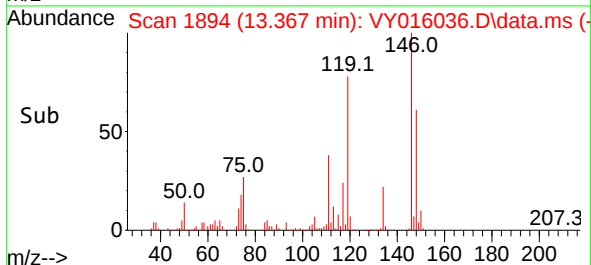
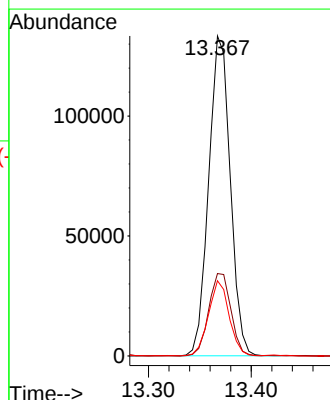
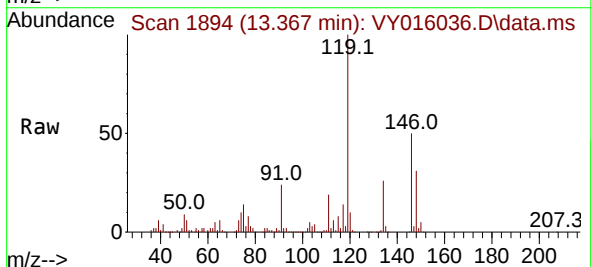
Tgt Ion:119 Resp: 193962

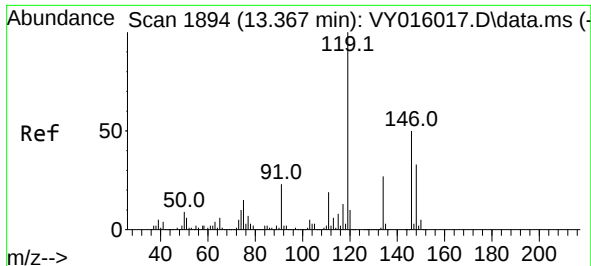
Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.8

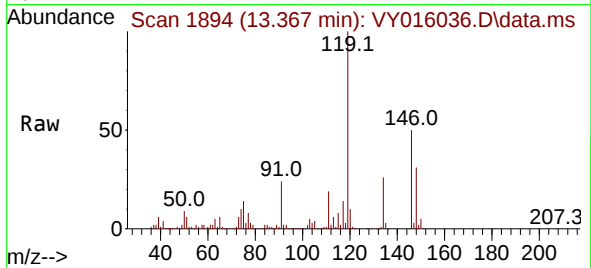
91 22.5 12.4 37.4





#87
1,3-Dichlorobenzene
Concen: 20.295 ug/l
RT: 13.367 min Scan# 1191
Delta R.T. -0.000 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

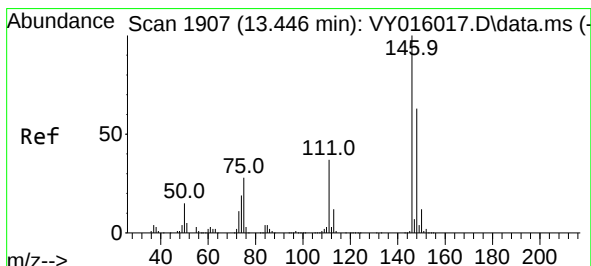
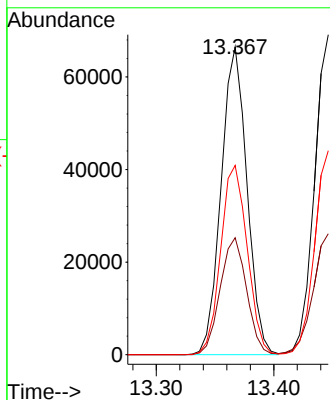
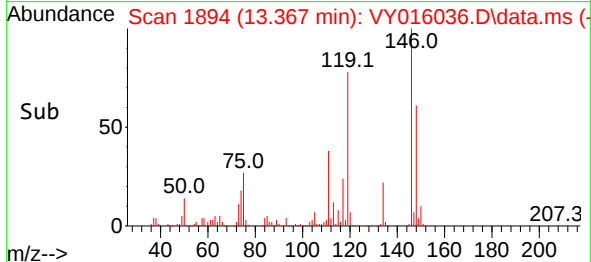
Instrument :
MSVOA_Y
ClientSampleId :
VY1019SBS01



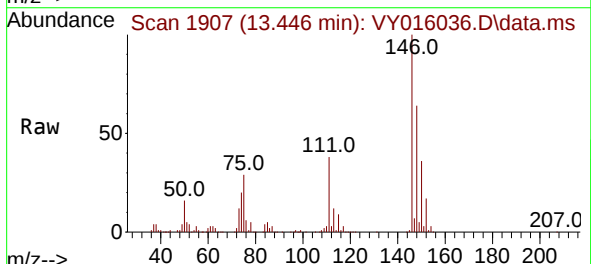
Tgt Ion:146 Resp: 101689
Ion Ratio Lower Upper
146 100
111 38.9 19.4 58.2
148 63.1 31.9 95.5

Manual Integrations
APPROVED

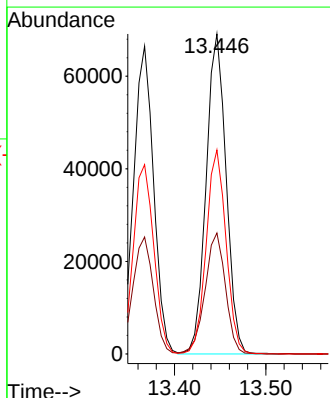
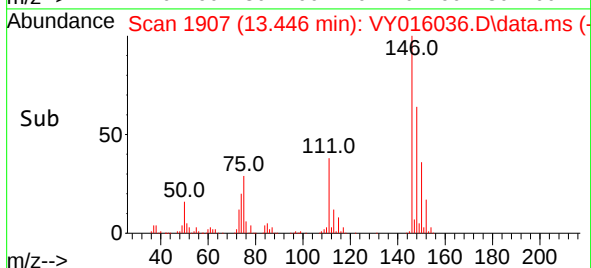
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

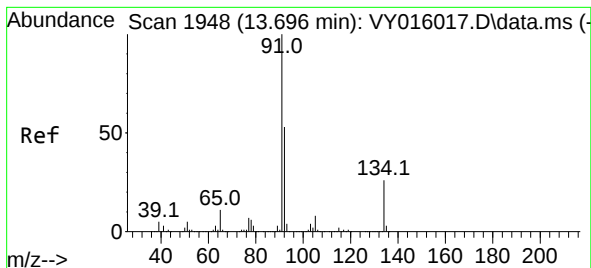


#88
1,4-Dichlorobenzene
Concen: 20.765 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25



Tgt Ion:146 Resp: 104751
Ion Ratio Lower Upper
146 100
111 38.8 18.9 56.7
148 63.4 32.1 96.5





#89

n-Butylbenzene

Concen: 20.183 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY016036.D

Acq: 19 Oct 2023 14:25

Instrument :

MSVOA_Y

ClientSampleId :

VY1019SBS01

Tgt Ion: 91 Resp: 180700

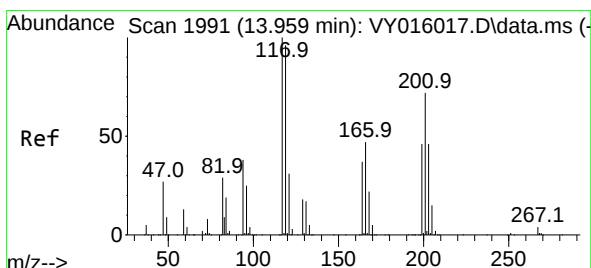
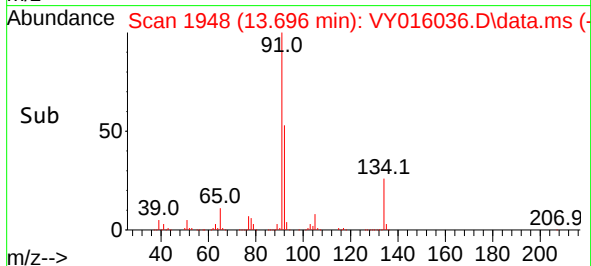
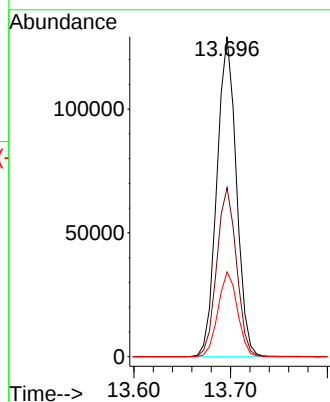
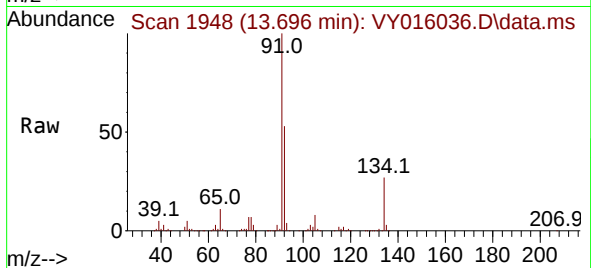
Ion	Ratio	Lower	Upper
91	100		
92	53.4	25.4	76.0
134	26.4	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#90

Hexachloroethane

Concen: 20.155 ug/l

RT: 13.959 min Scan# 1991

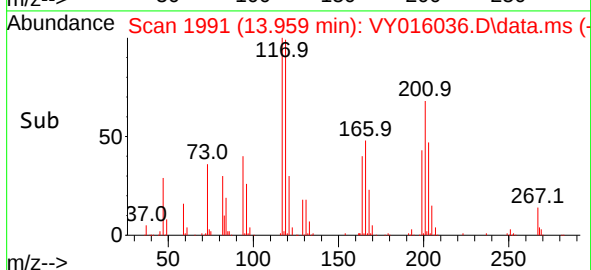
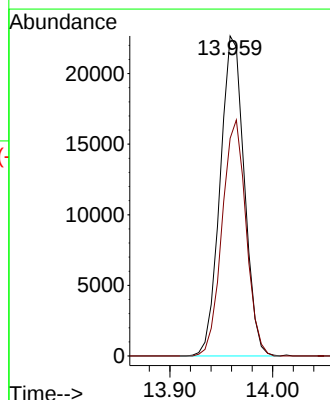
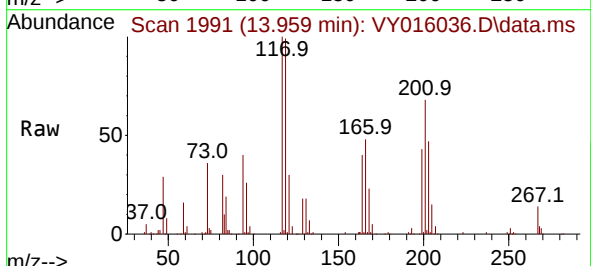
Delta R.T. -0.000 min

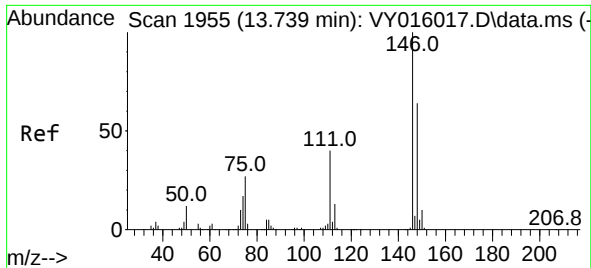
Lab File: VY016036.D

Acq: 19 Oct 2023 14:25

Tgt Ion:117 Resp: 36952

Ion	Ratio	Lower	Upper
117	100		
201	73.1	41.6	124.8





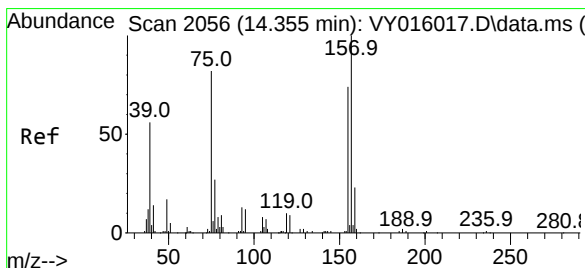
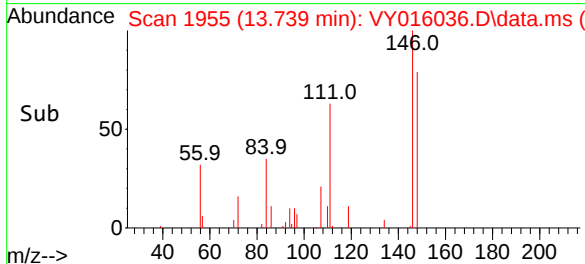
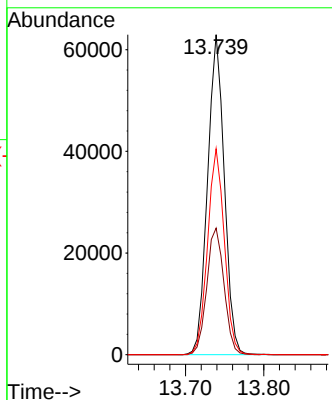
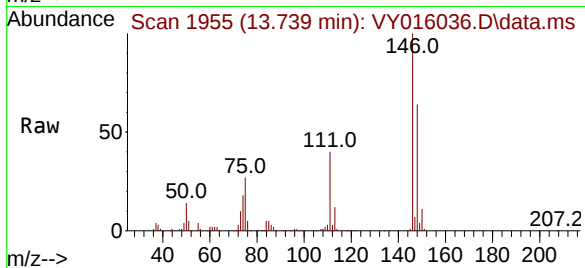
#91
1,2-Dichlorobenzene
Concen: 20.262 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

Instrument :
MSVOA_Y
ClientSampleId :
VY1019SBS01

Tgt Ion:146 Resp: 93208
Ion Ratio Lower Upper
146 100
111 40.9 19.7 59.0
148 64.5 32.0 96.2

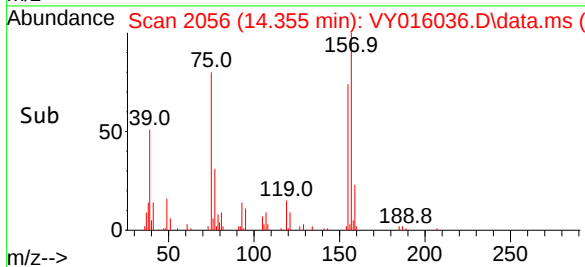
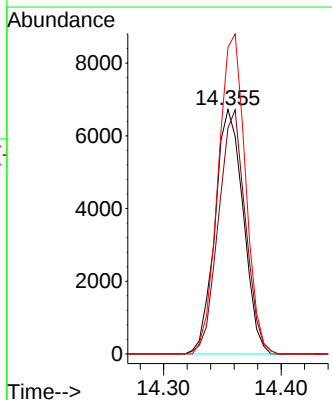
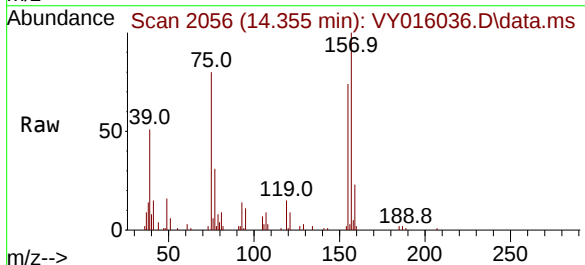
Manual Integrations
APPROVED

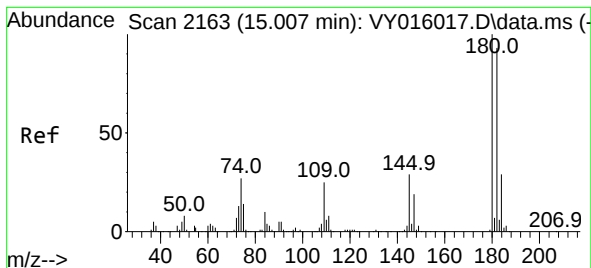
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 22.219 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

Tgt Ion: 75 Resp: 11239
Ion Ratio Lower Upper
75 100
155 95.2 41.5 124.6
157 126.1 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 19.305 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY016036.D

Acq: 19 Oct 2023 14:25

Instrument :

MSVOA_Y

ClientSampleId :

VY1019SBS01

Tgt Ion:180 Resp: 5657

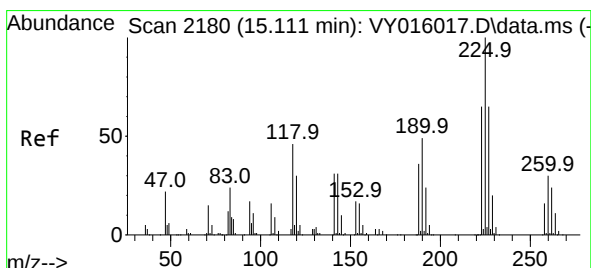
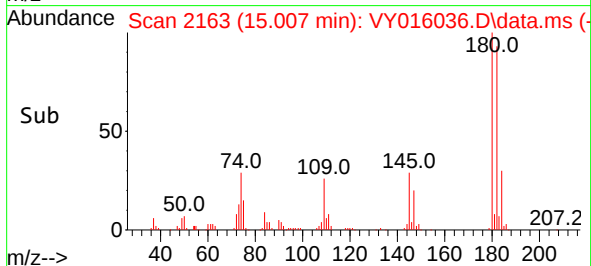
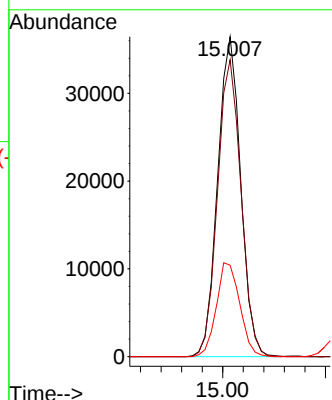
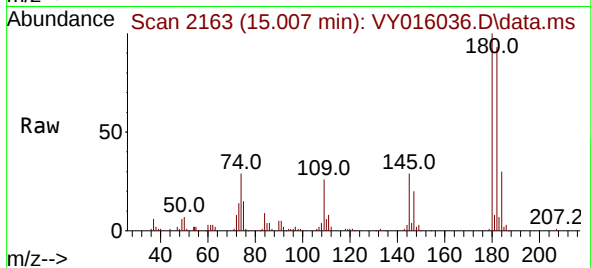
Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.0	141.2
145	29.9	14.5	43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#94

Hexachlorobutadiene

Concen: 18.725 ug/l

RT: 15.111 min Scan# 2180

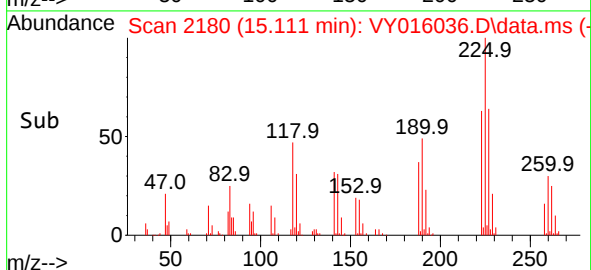
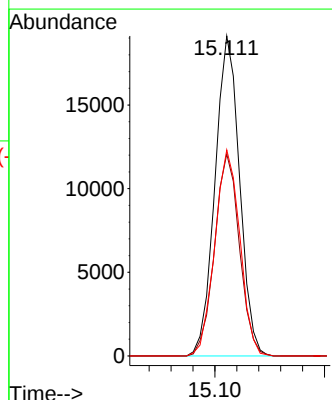
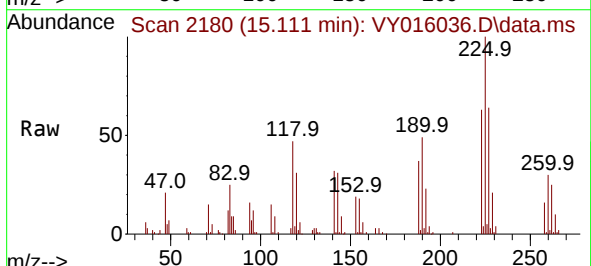
Delta R.T. -0.000 min

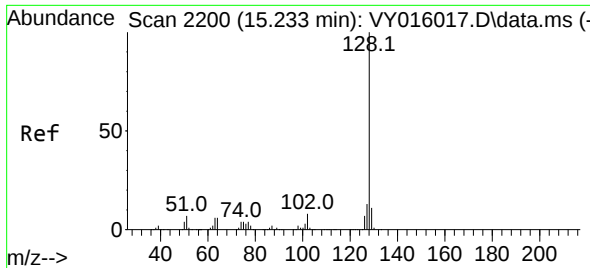
Lab File: VY016036.D

Acq: 19 Oct 2023 14:25

Tgt Ion:225 Resp: 29805

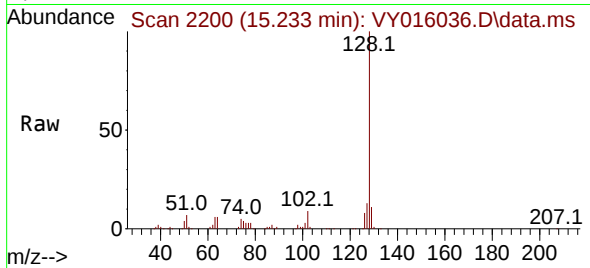
Ion	Ratio	Lower	Upper
225	100		
223	63.9	31.9	95.9
227	65.5	33.0	98.9





#95
Naphthalene
Concen: 20.192 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

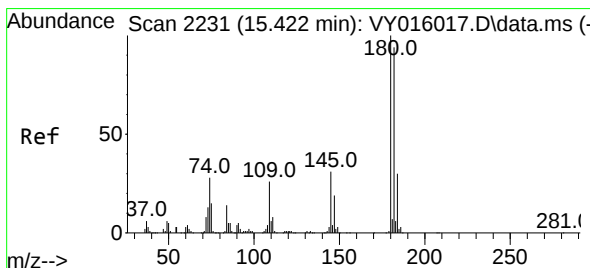
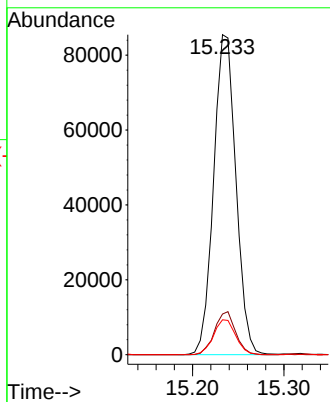
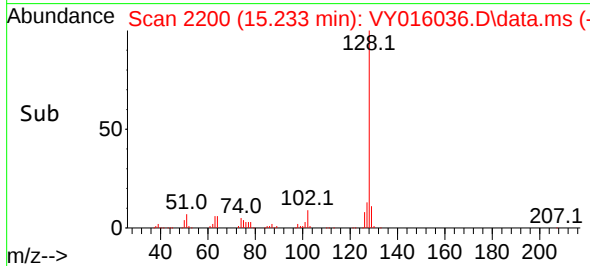
Instrument :
MSVOA_Y
ClientSampleId :
VY1019SBS01



Tgt Ion:128 Resp: 145230
Ion Ratio Lower Upper
128 100
127 12.7 10.8 16.2
129 10.9 8.6 13.0

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 19.043 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

Tgt Ion:180 Resp: 50975
Ion Ratio Lower Upper
180 100
182 96.2 47.3 141.8
145 32.1 15.4 46.2

