

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101823\
 Data File : VY016024.D
 Acq On : 18 Oct 2023 16:54
 Operator : SY/MD
 Sample : 04699-01 2.5PPB
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 19 04:40:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 19 04:37:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	199198	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	324410	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	294761	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	147371	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	121383	53.614	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.220%	
35) Dibromofluoromethane	7.716	113	108588	50.854	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.700%	
50) Toluene-d8	10.179	98	386568	49.847	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.700%	
62) 4-Bromofluorobenzene	12.483	95	135133	48.835	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 97.680%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.906	85	3521	2.139	ug/l	96
3) Chloromethane	2.107	50	5024	2.417	ug/l	99
4) Vinyl Chloride	2.247	62	5337	2.288	ug/l	99
5) Bromomethane	2.656	94	4108	2.414	ug/l	94
6) Chloroethane	2.790	64	3396	2.264	ug/l	91
7) Trichlorofluoromethane	3.119	101	8654	2.437	ug/l	93
8) Diethyl Ether	3.527	74	3085	2.459	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.881	101	4507	2.207	ug/l	96
10) Methyl Iodide	4.082	142	6069	2.276	ug/l	96
11) Tert butyl alcohol	5.003	59	605	1.731	ug/l #	89
12) 1,1-Dichloroethene	3.863	96	4148	2.171	ug/l	87
13) Acrolein	3.741	56	4919	16.340	ug/l	98
14) Allyl chloride	4.472	41	6628	2.218	ug/l	92
15) Acrylonitrile	5.180	53	11362	15.183	ug/l	95
16) Acetone	3.979	43	13635	16.247	ug/l #	84
17) Carbon Disulfide	4.186	76	12177	2.175	ug/l	100
18) Methyl Acetate	4.485	43	8892	3.078	ug/l	98
19) Methyl tert-butyl Ether	5.228	73	13669	2.217	ug/l	96
20) Methylene Chloride	4.716	84	32590	13.072	ug/l	88
21) trans-1,2-Dichloroethene	5.216	96	4858	2.183	ug/l	87
22) Diisopropyl ether	6.118	45	14009	2.153	ug/l #	93
23) Vinyl Acetate	6.064	43	45840	11.357	ug/l #	91
24) 1,1-Dichloroethane	6.015	63	8254	2.138	ug/l	98
25) 2-Butanone	7.002	43	17014	14.801	ug/l	100
26) 2,2-Dichloropropane	6.984	77	7523	2.166	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	5640	2.201	ug/l	91
28) Bromochloromethane	7.332	49	4257	2.579	ug/l #	93
29) Tetrahydrofuran	7.362	42	10927	15.704	ug/l	93
30) Chloroform	7.502	83	9430	2.278	ug/l	99
31) Cyclohexane	7.783	56	11124	3.139	ug/l #	57
32) 1,1,1-Trichloroethane	7.704	97	8034	2.170	ug/l	100
36) 1,1-Dichloropropene	7.923	75	6665	2.075	ug/l	99
37) Ethyl Acetate	7.076	43	8419	3.636	ug/l #	89
38) Carbon Tetrachloride	7.899	117	7666	2.245	ug/l #	90
39) Methylcyclohexane	9.185	83	7930	1.975	ug/l	95
40) Benzene	8.161	78	19317	2.133	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.356	41	9172	7.635	ug/l #	42
42) 1,2-Dichloroethane	8.234	62	7085	2.429	ug/l	91
43) Isopropyl Acetate	8.277	43	10551	2.606	ug/l	98
44) Trichloroethene	8.941	130	5697	2.244	ug/l	93
45) 1,2-Dichloropropane	9.222	63	4690	2.070	ug/l	91
46) Dibromomethane	9.307	93	3664	2.436	ug/l	98
47) Bromodichloromethane	9.502	83	7203	2.185	ug/l	96
48) Methyl methacrylate	9.295	41	4232	2.296	ug/l #	87
49) 1,4-Dioxane	9.350	88	1620	67.630	ug/l #	51
51) 4-Methyl-2-Pentanone	10.075	43	31637	13.589	ug/l	93
52) Toluene	10.246	92	12661	2.156	ug/l	93
53) t-1,3-Dichloropropene	10.465	75	7335	2.054	ug/l	96
54) cis-1,3-Dichloropropene	9.929	75	7864	2.020	ug/l #	92
55) 1,1,2-Trichloroethane	10.648	97	5244	2.537	ug/l	95
56) Ethyl methacrylate	10.514	69	6437	2.131	ug/l	93
57) 1,3-Dichloropropane	10.794	76	8504	2.426	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.789	63	16368	11.283	ug/l	91
59) 2-Hexanone	10.837	43	25758	14.541	ug/l	94
60) Dibromochloromethane	10.983	129	5536	2.215	ug/l	92
61) 1,2-Dibromoethane	11.093	107	5020	2.387	ug/l	97
64) Tetrachloroethene	10.727	164	5201	2.276	ug/l	95
65) Chlorobenzene	11.520	112	13974	2.189	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	5110	2.124	ug/l	94
67) Ethyl Benzene	11.593	91	23448	2.076	ug/l	96
68) m/p-Xylenes	11.703	106	18113	4.112	ug/l	95
69) o-Xylene	12.032	106	8420	2.009	ug/l	98
70) Styrene	12.044	104	13605	1.905	ug/l	99
71) Bromoform	12.209	173	3783	2.234	ug/l #	99
73) Isopropylbenzene	12.331	105	21801	1.978	ug/l	99
74) N-amyl acetate	12.148	43	7533	2.163	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.587	83	7030	2.546	ug/l	92
76) 1,2,3-Trichloropropane	12.636	75	9329	4.471	ug/l #	100
77) Bromobenzene	12.611	156	6042	2.258	ug/l	93
78) n-propylbenzene	12.672	91	27346	2.059	ug/l	99
79) 2-Chlorotoluene	12.757	91	16127	2.164	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	18166	1.989	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.380	75	2310	2.417	ug/l	94
82) 4-Chlorotoluene	12.855	91	16704	2.148	ug/l	97
83) tert-Butylbenzene	13.081	119	16375	2.045	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	18099	1.996	ug/l	98
85) sec-Butylbenzene	13.257	105	24037	2.010	ug/l	100
86) p-Isopropyltoluene	13.373	119	18768	1.878	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	11839	2.274	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	12271	2.341	ug/l	91
89) n-Butylbenzene	13.702	91	18858	2.027	ug/l	95
90) Hexachloroethane	13.965	117	4010	2.105	ug/l	96
91) 1,2-Dichlorobenzene	13.745	146	10914	2.283	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	1591	3.027	ug/l	88
93) 1,2,4-Trichlorobenzene	15.013	180	7299	2.397	ug/l	99
94) Hexachlorobutadiene	15.117	225	3761	2.274	ug/l	96
95) Naphthalene	15.239	128	20125	2.693	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	7034	2.529	ug/l	98

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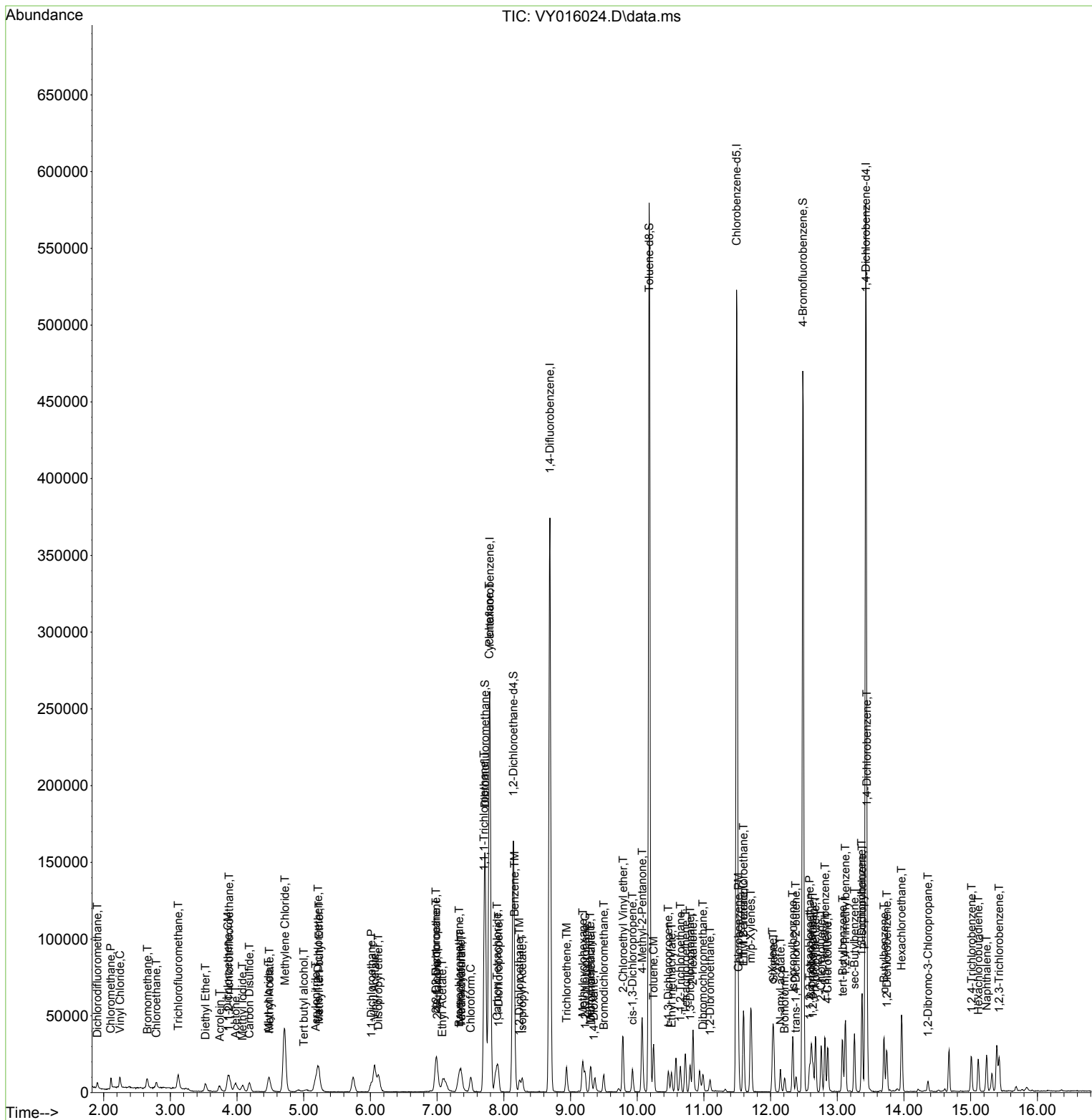
Instrument :
MSVOA_Y
ClientSampleId :

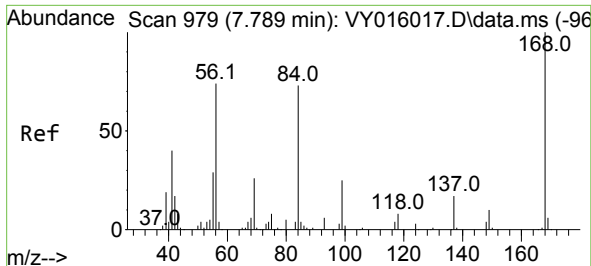
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

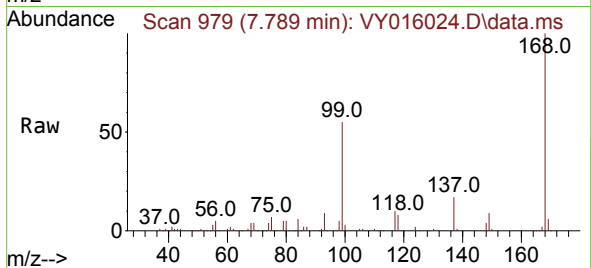
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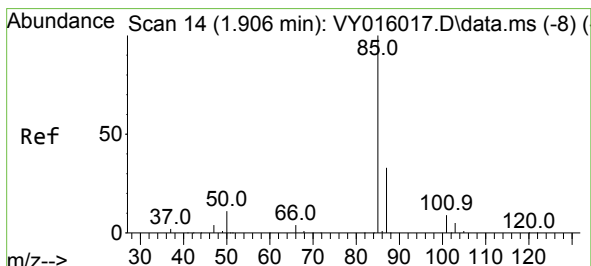
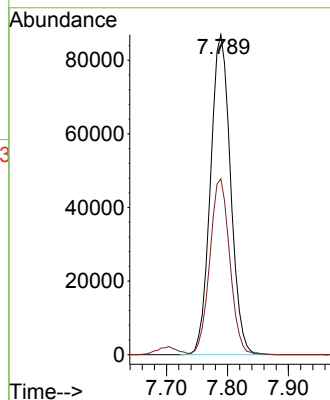
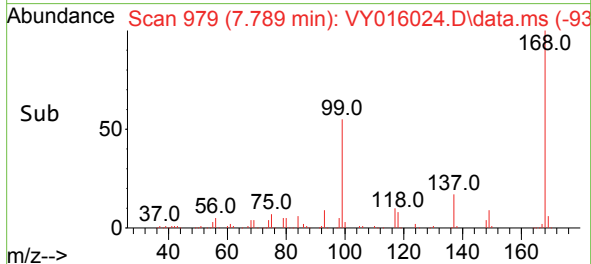


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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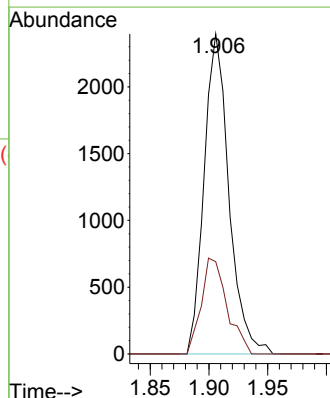
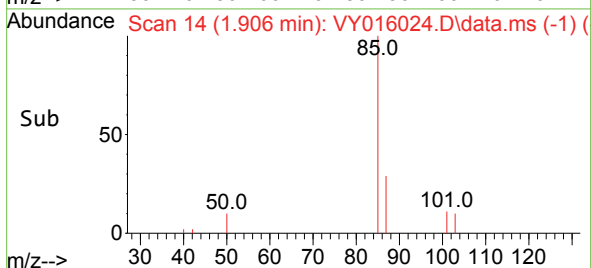
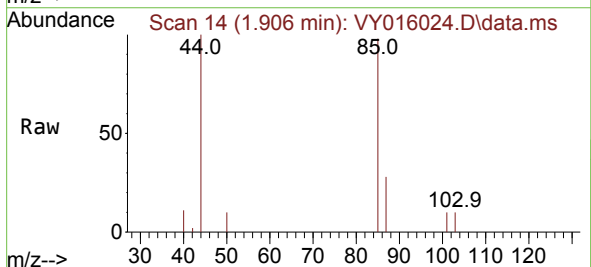


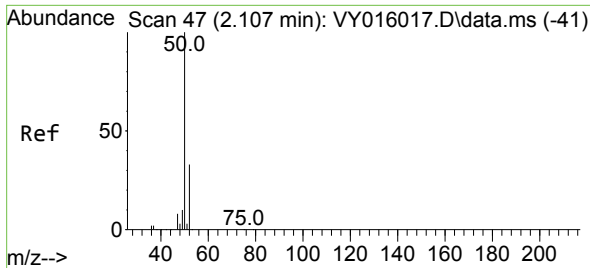
Tgt Ion:168 Resp: 199198
Ion Ratio Lower Upper
168 100
99 54.9 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 2.139 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY016024.D
Acq: 18 Oct 2023 16:54

Tgt Ion: 85 Resp: 3521
Ion Ratio Lower Upper
85 100
87 28.8 15.6 46.8

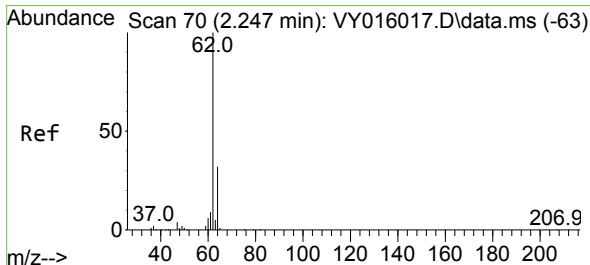
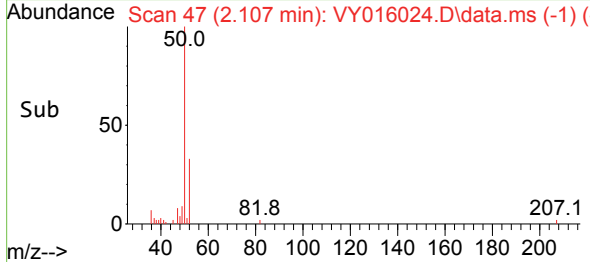
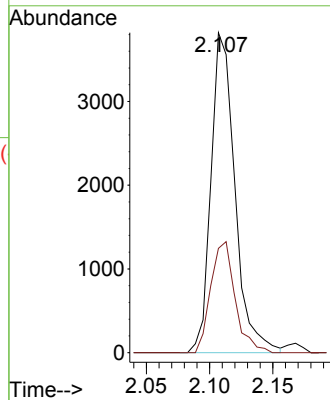
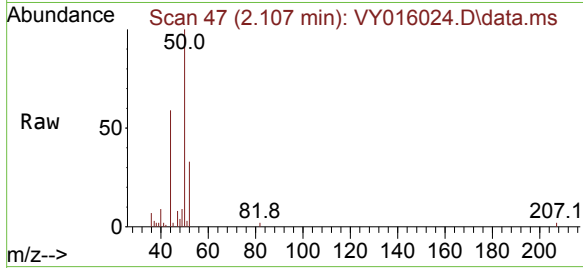




#3
Chloromethane
Concen: 2.417 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY016024.D
Acq: 18 Oct 2023 16:54

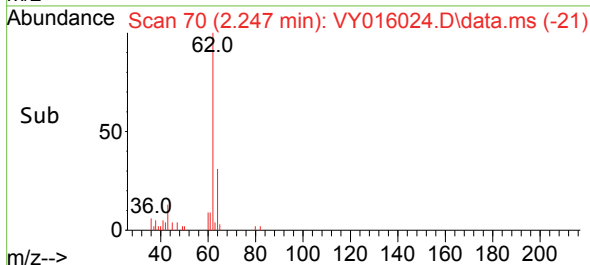
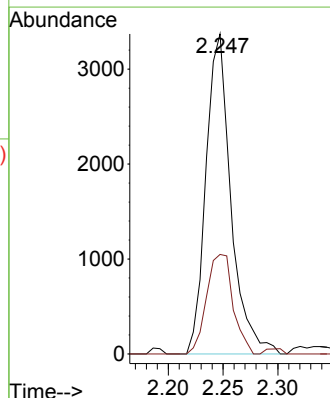
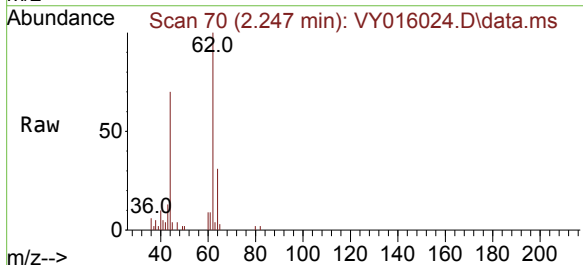
Instrument :
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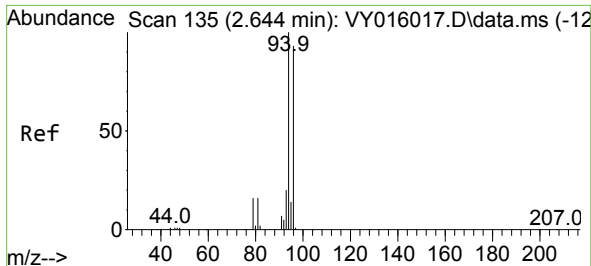
Tgt Ion: 50 Resp: 5024
Ion Ratio Lower Upper
50 100
52 32.6 25.4 38.2



#4
Vinyl Chloride
Concen: 2.288 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.000 min
Lab File: VY016024.D
Acq: 18 Oct 2023 16:54

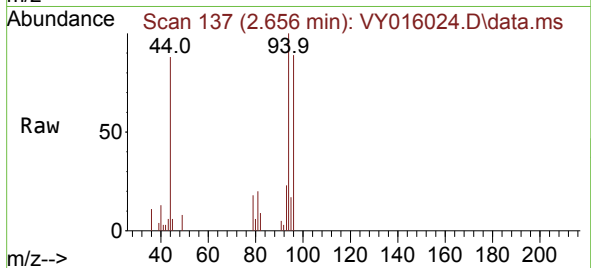
Tgt Ion: 62 Resp: 5337
Ion Ratio Lower Upper
62 100
64 31.1 24.3 36.5



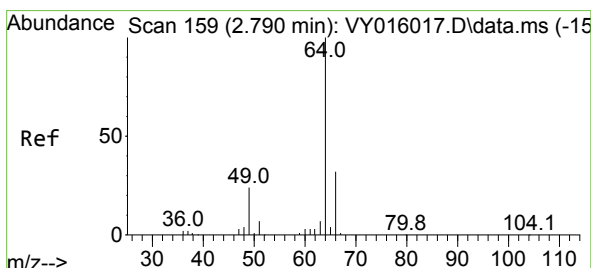
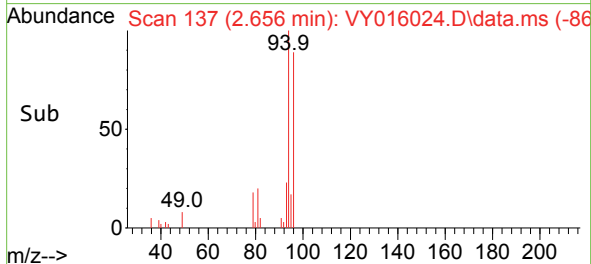
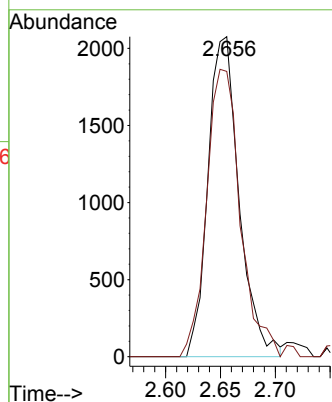


#5
Bromomethane
Concen: 2.414 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016024.D
Acq: 18 Oct 2023 16:54

Instrument :
MSVOA_Y
ClientSampleId :

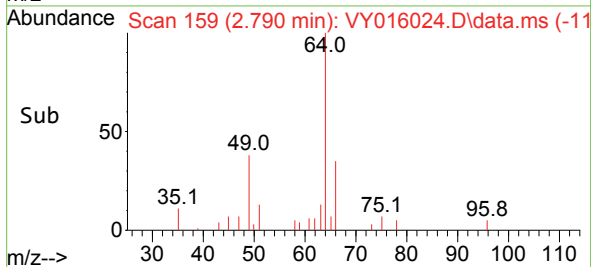
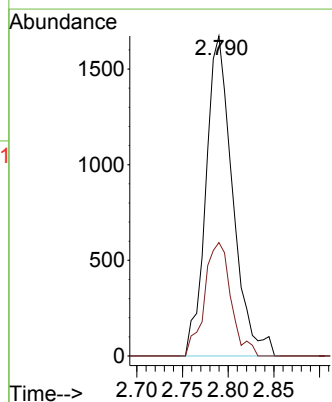
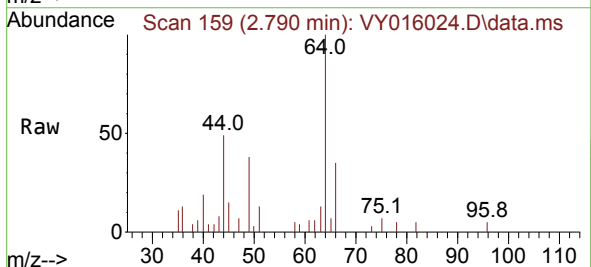


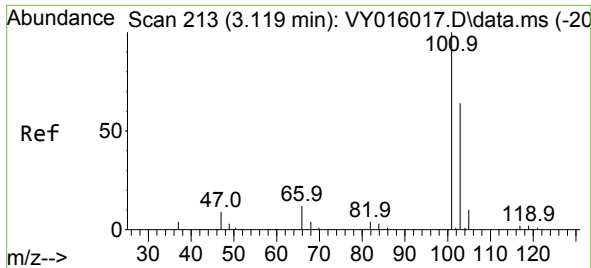
Tgt Ion: 94 Resp: 4108
Ion Ratio Lower Upper
94 100
96 89.2 75.8 113.6



#6
Chloroethane
Concen: 2.264 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
Lab File: VY016024.D
Acq: 18 Oct 2023 16:54

Tgt Ion: 64 Resp: 3396
Ion Ratio Lower Upper
64 100
66 35.4 24.4 36.6

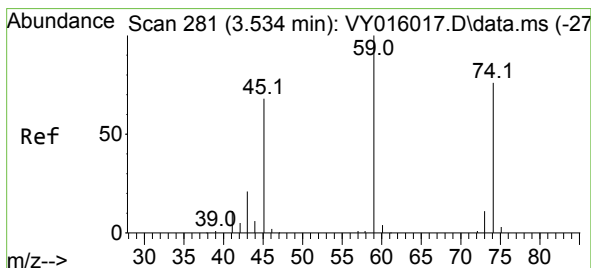
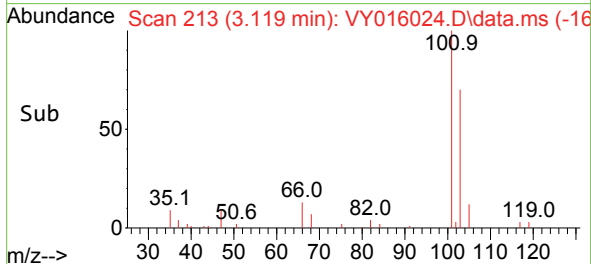
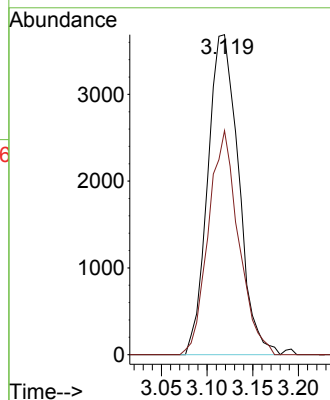
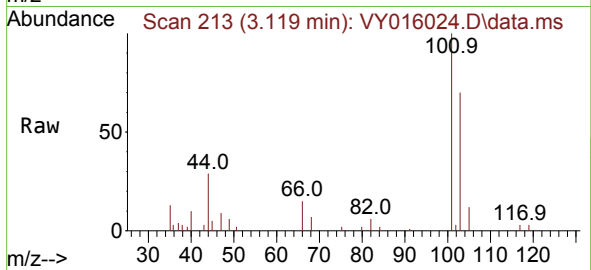




#7
Trichlorofluoromethane
Concen: 2.437 ug/l
RT: 3.119 min Scan# 213
Delta R.T. -0.000 min
Lab File: VY016024.D
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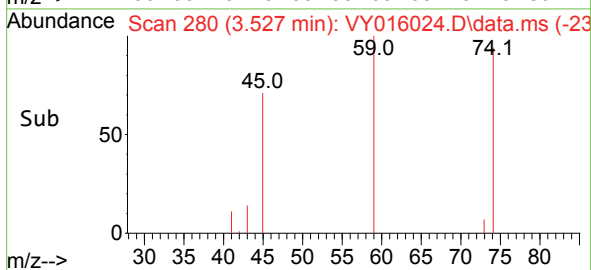
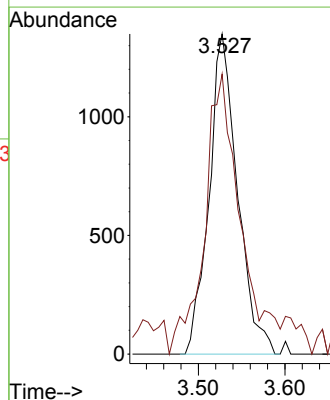
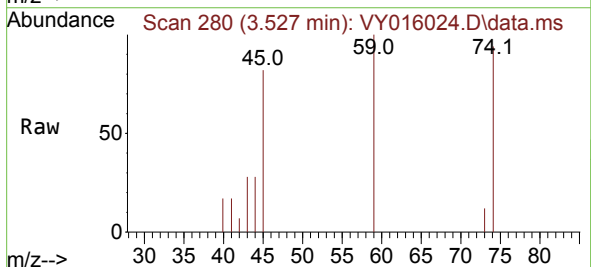
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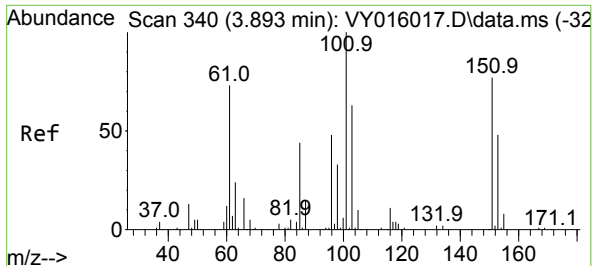
Tgt Ion:101 Resp: 8654
Ion Ratio Lower Upper
101 100
103 70.0 51.4 77.0



#8
Diethyl Ether
Concen: 2.459 ug/l
RT: 3.527 min Scan# 280
Delta R.T. -0.006 min
Lab File: VY016024.D
Acq: 18 Oct 2023 16:54

Tgt Ion: 74 Resp: 3085
Ion Ratio Lower Upper
74 100
45 109.3 51.5 154.5

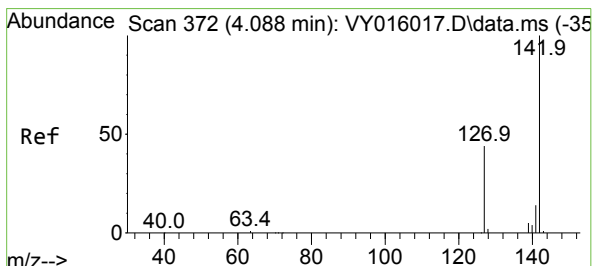
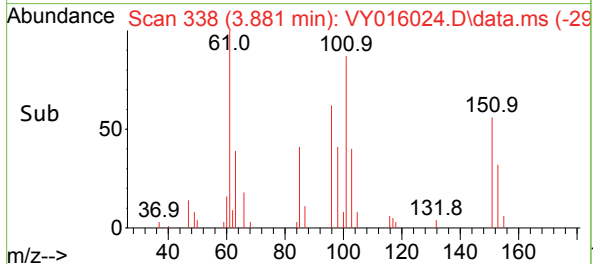
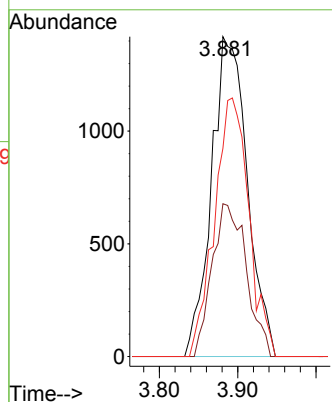
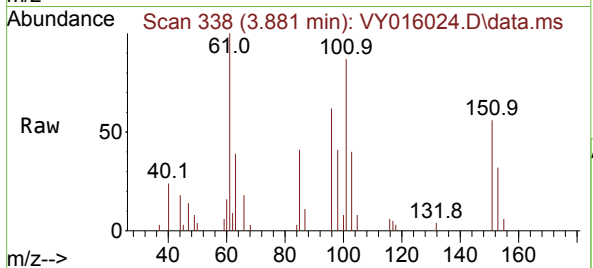




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.207 ug/l
RT: 3.881 min Scan# 31
Delta R.T. -0.012 min
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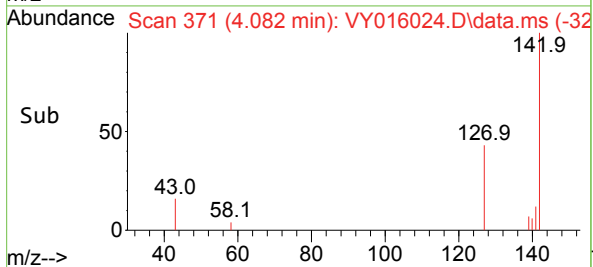
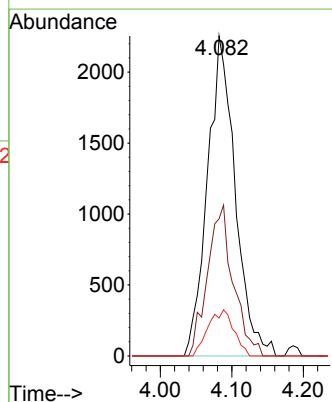
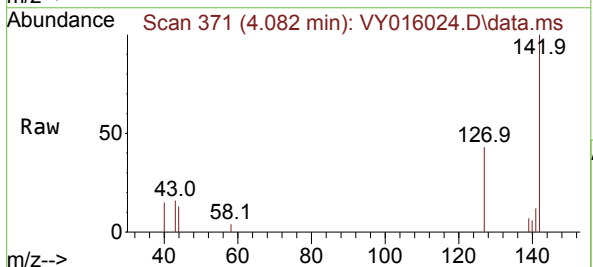
Instrument :
MSVOA_Y
ClientSampleId :

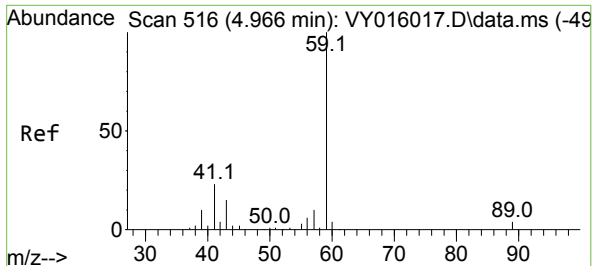
Tgt Ion:101 Resp: 4507
Ion Ratio Lower Upper
101 100
85 45.7 36.6 55.0
151 77.8 67.0 100.6



#10
Methyl Iodide
Concen: 2.276 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.006 min
Lab File: VY016024.D
Acq: 18 Oct 2023 16:54

Tgt Ion:142 Resp: 6069
Ion Ratio Lower Upper
142 100
127 43.8 37.6 56.4
141 13.4 11.8 17.8

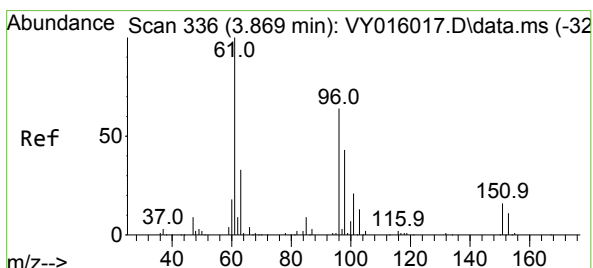
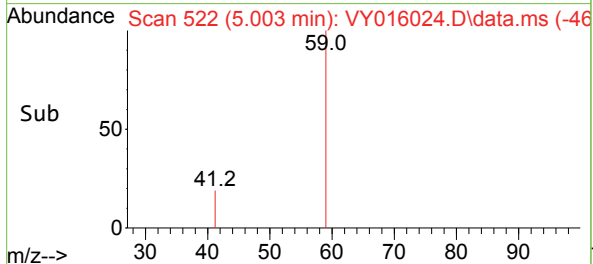
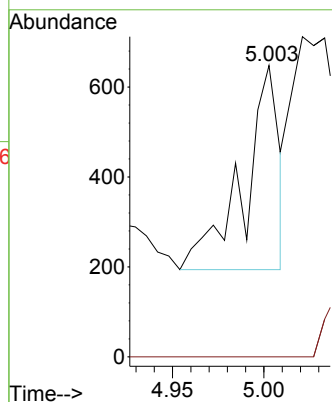
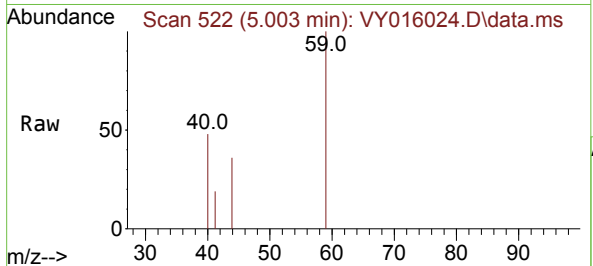




#11
Tert butyl alcohol
Concen: 1.731 ug/l
RT: 5.003 min Scan# 51
Delta R.T. 0.037 min
Lab File: VY016024.D
Acq: 18 Oct 2023 16:54

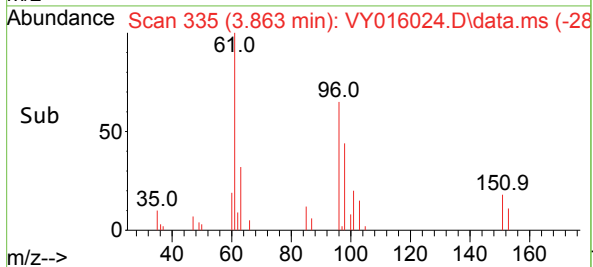
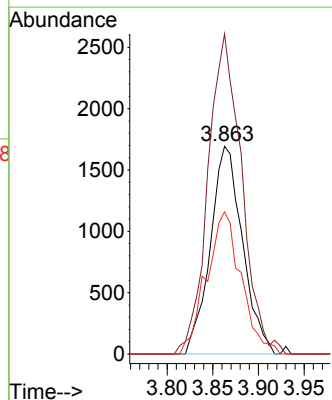
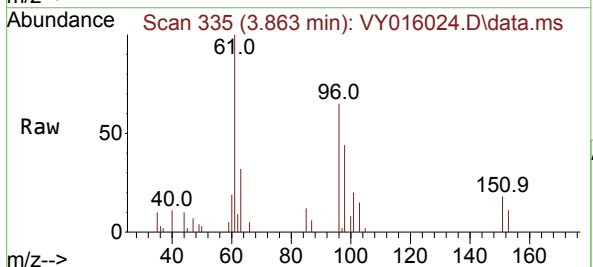
Instrument :
MSVOA_Y
ClientSampleId :

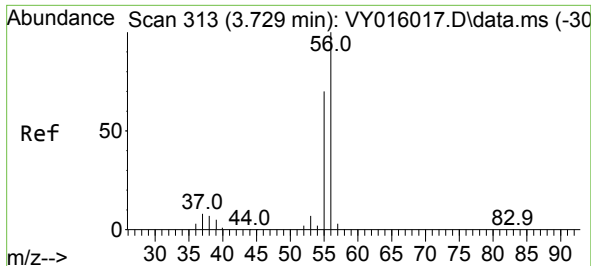
Tgt Ion: 59 Resp: 605
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 2.171 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.006 min
Lab File: VY016024.D
Acq: 18 Oct 2023 16:54

Tgt Ion: 96 Resp: 4148
Ion Ratio Lower Upper
96 100
61 150.1 136.4 204.6
98 68.4 49.4 74.2

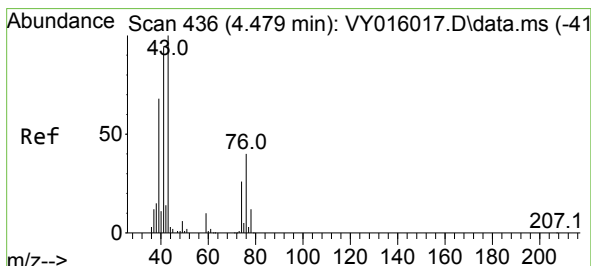
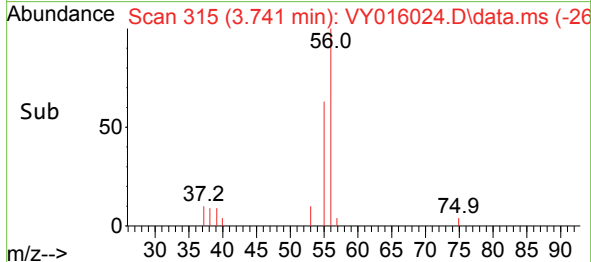
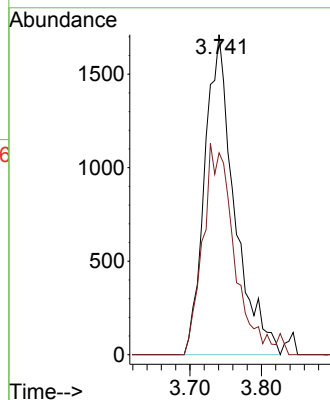
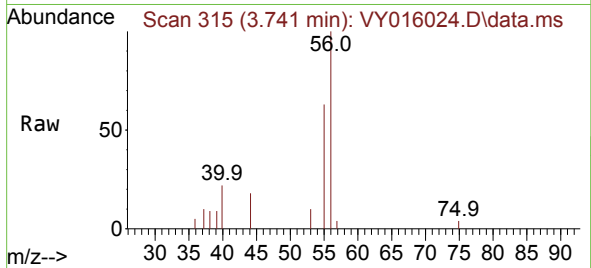




#13
Acrolein
Concen: 16.340 ug/l
RT: 3.741 min Scan# 313
Delta R.T. 0.012 min
Lab File: VY016024.D
Acq: 18 Oct 2023 16:54

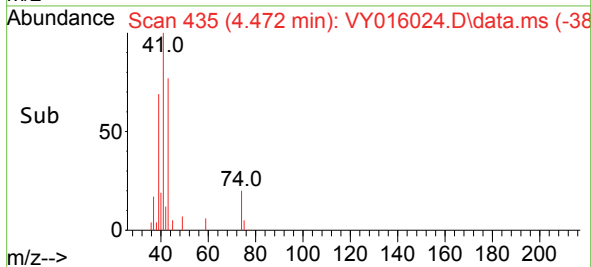
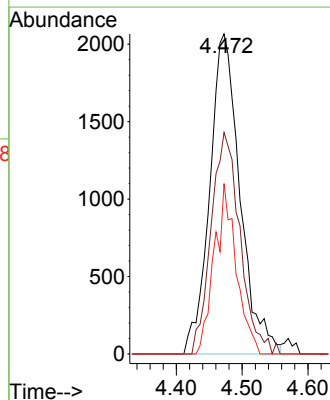
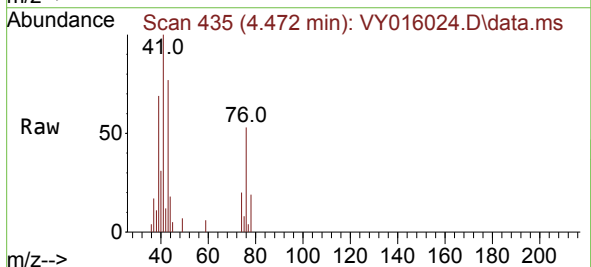
Instrument :
MSVOA_Y
ClientSampleId :

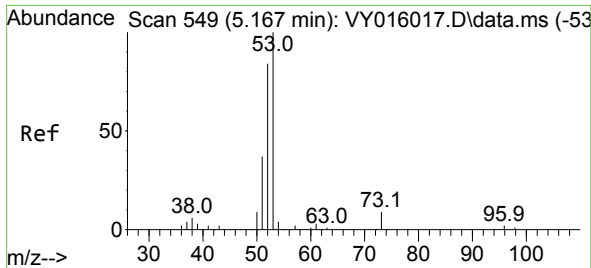
Tgt Ion: 56 Resp: 4919
Ion Ratio Lower Upper
56 100
55 69.3 57.0 85.4



#14
Allyl chloride
Concen: 2.218 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY016024.D
Acq: 18 Oct 2023 16:54

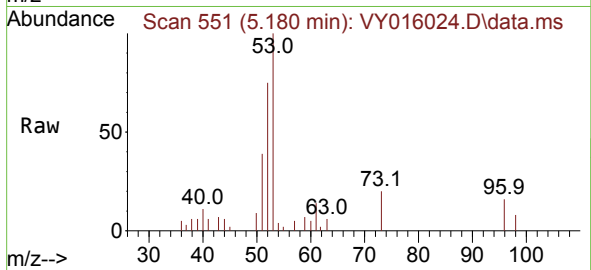
Tgt Ion: 41 Resp: 6628
Ion Ratio Lower Upper
41 100
39 66.0 58.0 87.0
76 38.5 27.4 41.2



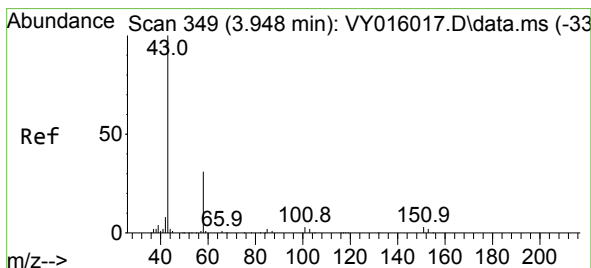
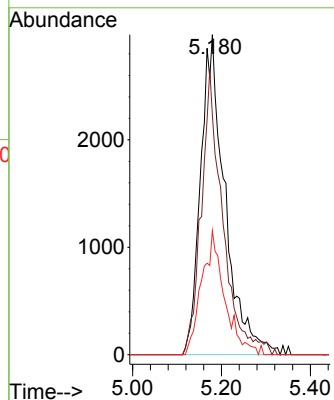
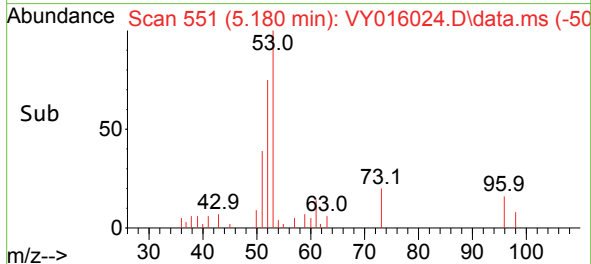


#15
Acrylonitrile
Concen: 15.183 ug/l
RT: 5.180 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY016024.D
Acq: 18 Oct 2023 16:54

Instrument :
MSVOA_Y
ClientSampleId :

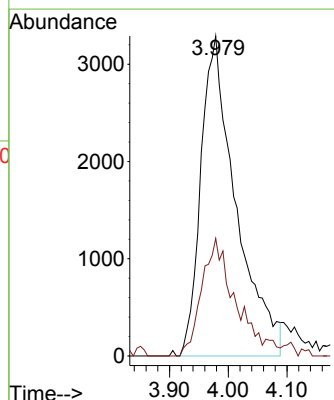
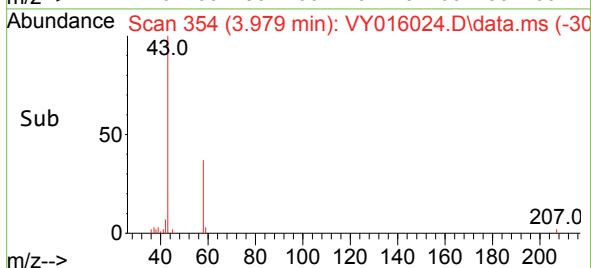
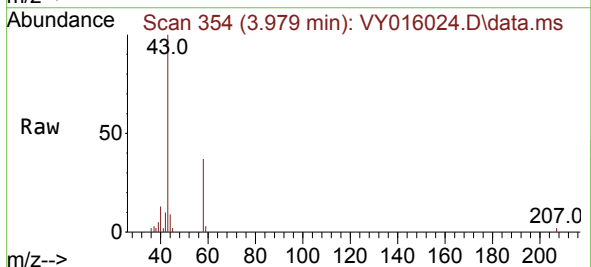


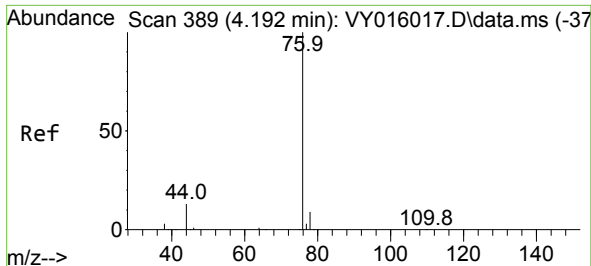
Tgt Ion: 53	Resp: 11362
Ion Ratio	Lower Upper
53 100	
52 78.3	66.9 100.3
51 36.3	29.8 44.6



#16
Acetone
Concen: 16.247 ug/l
RT: 3.979 min Scan# 354
Delta R.T. 0.030 min
Lab File: VY016024.D
Acq: 18 Oct 2023 16:54

Tgt Ion: 43	Resp: 13635
Ion Ratio	Lower Upper
43 100	
58 36.7	22.7 34.1#

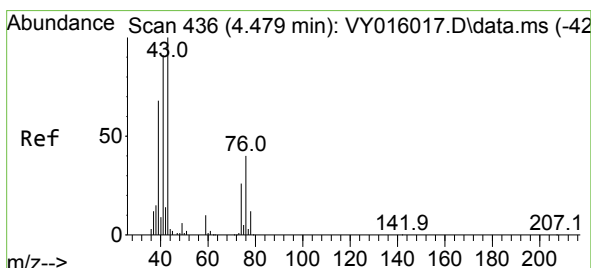
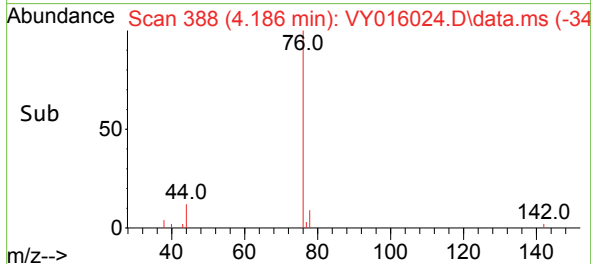
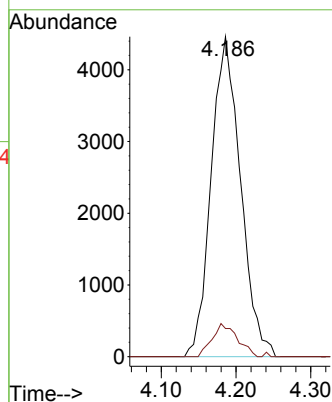
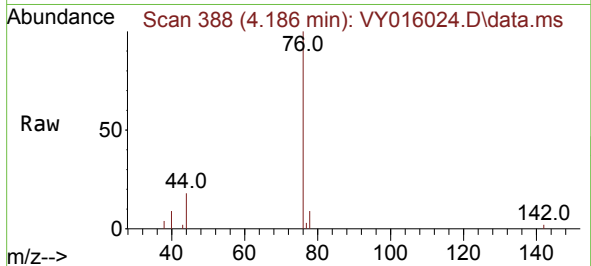




#17
Carbon Disulfide
Concen: 2.175 ug/l
RT: 4.186 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY016024.D
Acq: 18 Oct 2023 16:54

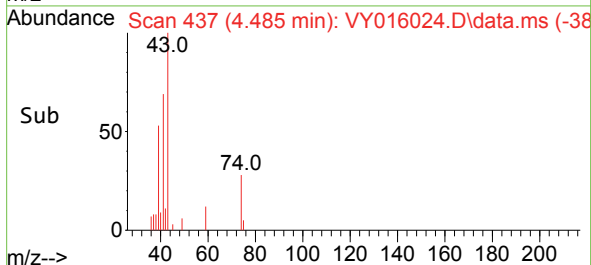
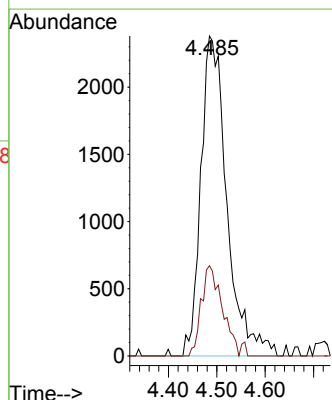
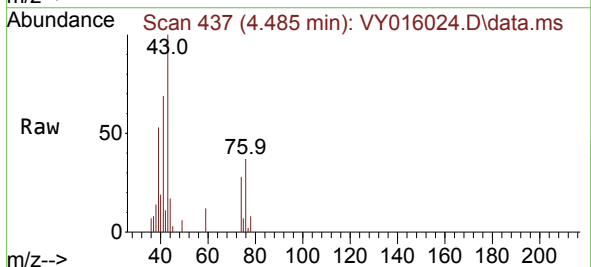
Instrument :
MSVOA_Y
ClientSampleId :

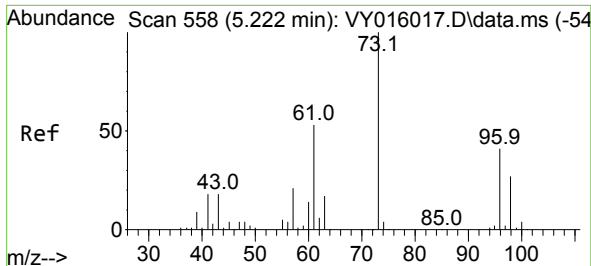
Tgt Ion: 76 Resp: 12177
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.4



#18
Methyl Acetate
Concen: 3.078 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY016024.D
Acq: 18 Oct 2023 16:54

Tgt Ion: 43 Resp: 8892
Ion Ratio Lower Upper
43 100
74 22.7 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 2.217 ug/l

RT: 5.228 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY016024.D

Acq: 18 Oct 2023 16:54

Instrument :

MSVOA_Y

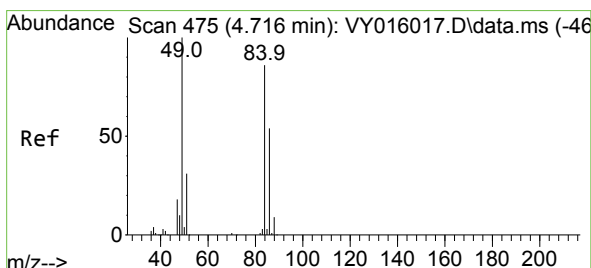
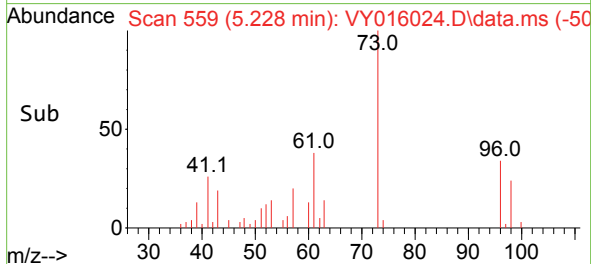
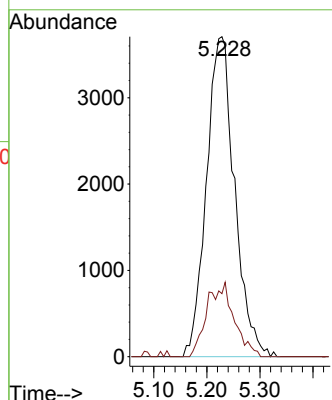
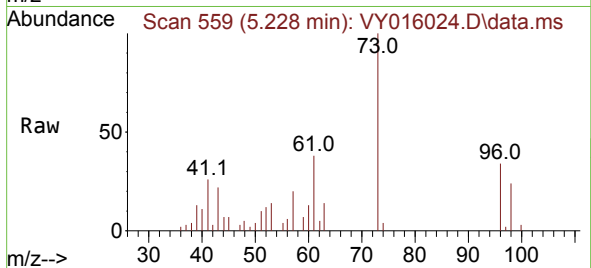
ClientSampleId :

Tgt Ion: 73 Resp: 13669

Ion Ratio Lower Upper

73 100

57 19.7 17.3 25.9



#20

Methylene Chloride

Concen: 13.072 ug/l

RT: 4.716 min Scan# 475

Delta R.T. -0.000 min

Lab File: VY016024.D

Acq: 18 Oct 2023 16:54

Tgt Ion: 84 Resp: 32590

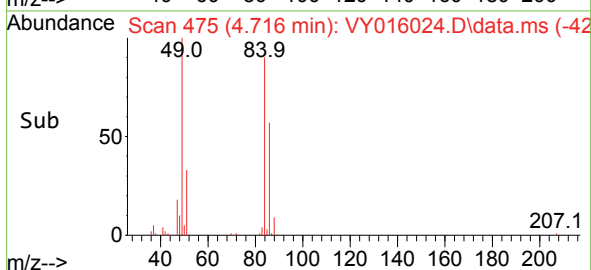
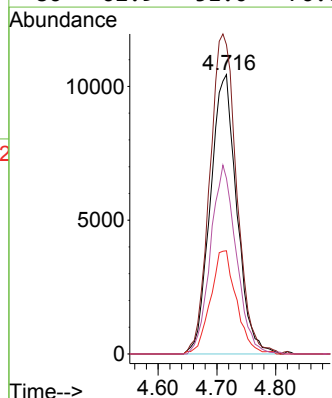
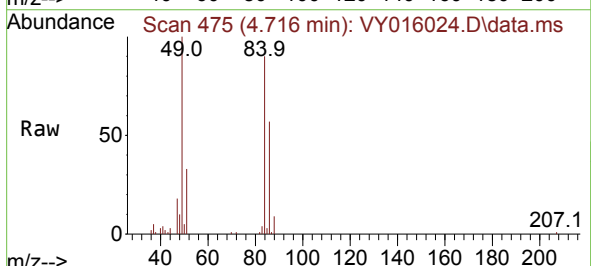
Ion Ratio Lower Upper

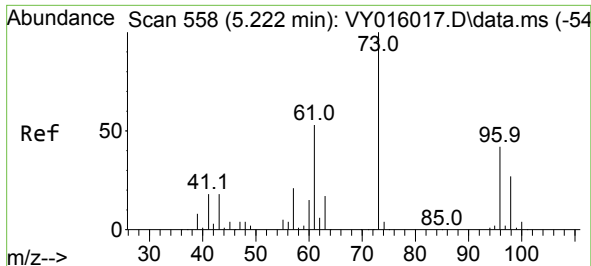
84 100

49 110.7 106.9 160.3

51 36.9 33.2 49.8

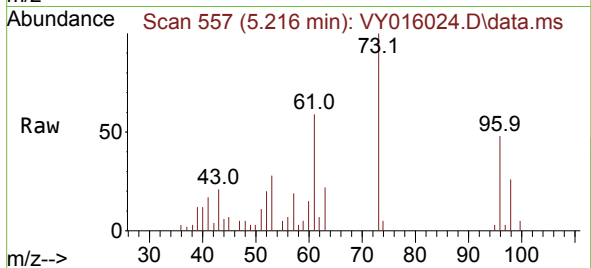
86 62.9 51.0 76.6



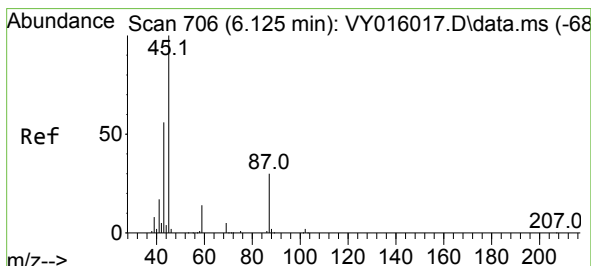
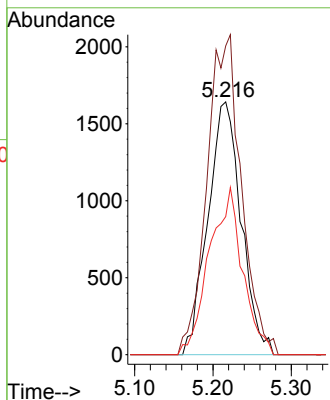
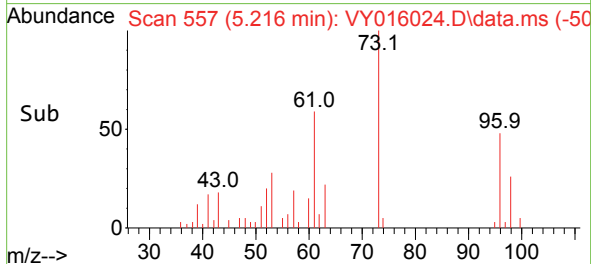


#21
trans-1,2-Dichloroethene
Concen: 2.183 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY016024.D
Acq: 18 Oct 2023 16:54

Instrument :
MSVOA_Y
ClientSampleId :

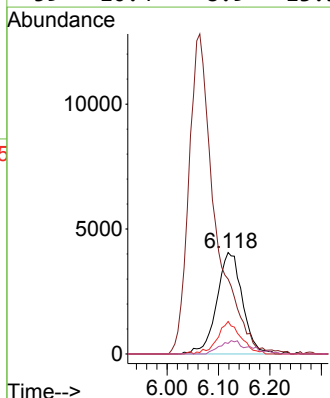
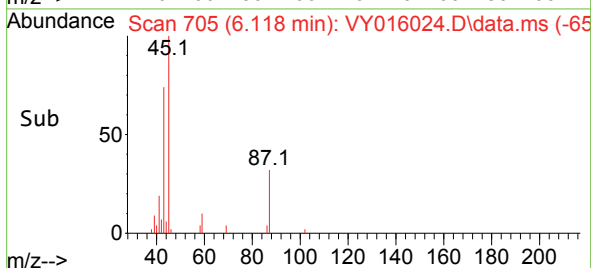
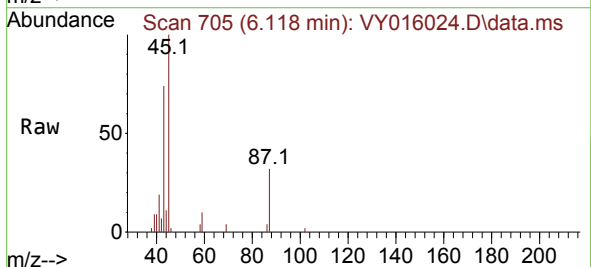


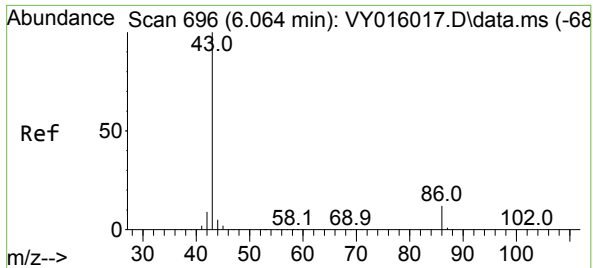
Tgt Ion: 96 Resp: 4858
Ion Ratio Lower Upper
96 100
61 122.2 110.2 165.4
98 54.6 51.8 77.6



#22
Diisopropyl ether
Concen: 2.153 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY016024.D
Acq: 18 Oct 2023 16:54

Tgt Ion: 45 Resp: 14009
Ion Ratio Lower Upper
45 100
43 70.4 52.2 78.4
87 32.0 21.0 31.6#
59 10.4 8.9 13.3

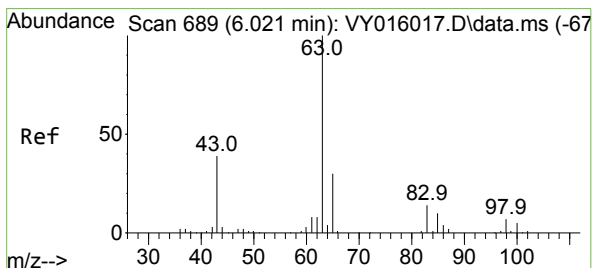
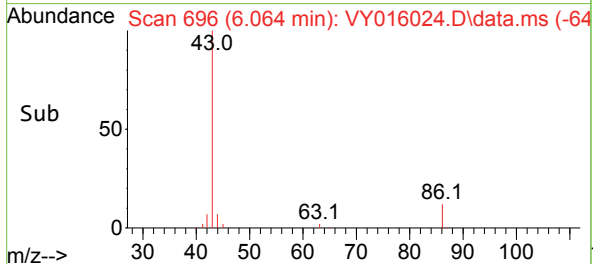
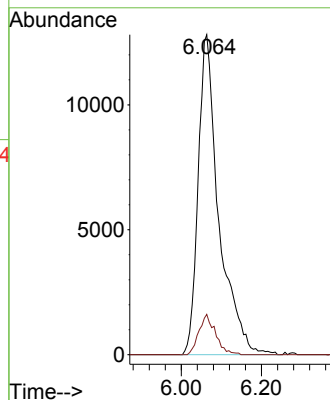
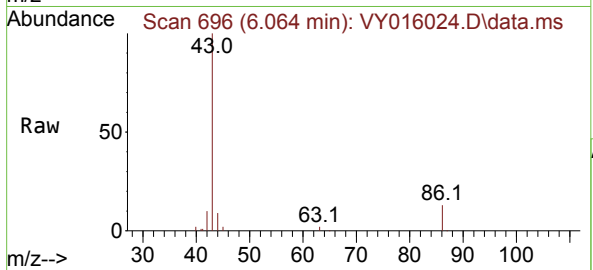




#23
 Vinyl Acetate
 Concen: 11.357 ug/l
 RT: 6.064 min Scan# 696
 Delta R.T. -0.000 min
 Lab File: VY016024.D
 Acq: 18 Oct 2023 16:54

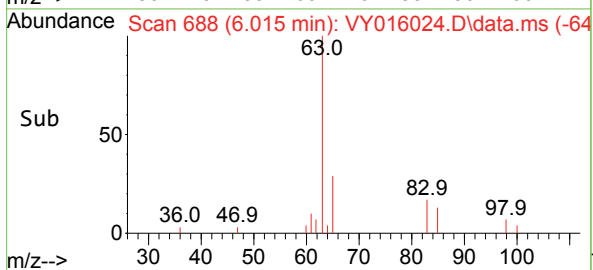
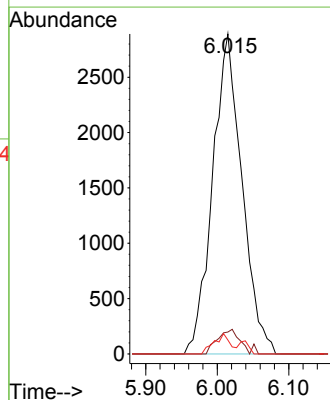
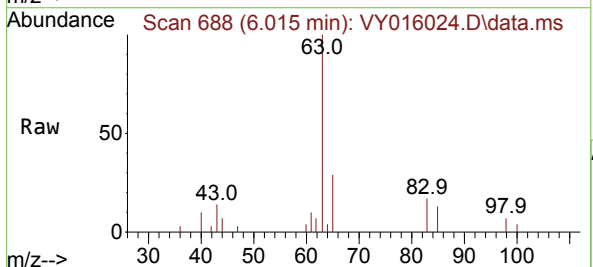
Instrument :
 MSVOA_Y
 ClientSampleId :

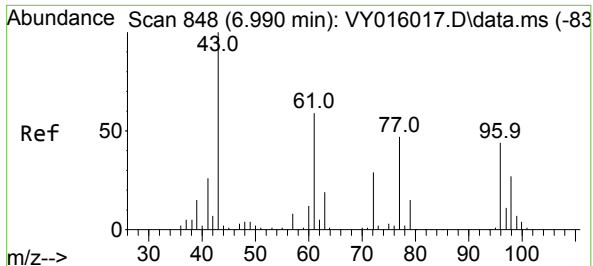
Tgt Ion: 43 Resp: 45840
 Ion Ratio Lower Upper
 43 100
 86 12.6 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 2.138 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY016024.D
 Acq: 18 Oct 2023 16:54

Tgt Ion: 63 Resp: 8254
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.1 9.4
 100 4.3 1.8 5.5





#25

2-Butanone

Concen: 14.801 ug/l

RT: 7.002 min Scan# 81

Delta R.T. 0.012 min

Lab File: VY016024.D

Acq: 18 Oct 2023 16:54

Instrument :

MSVOA_Y

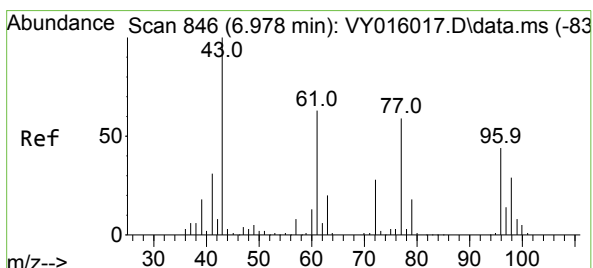
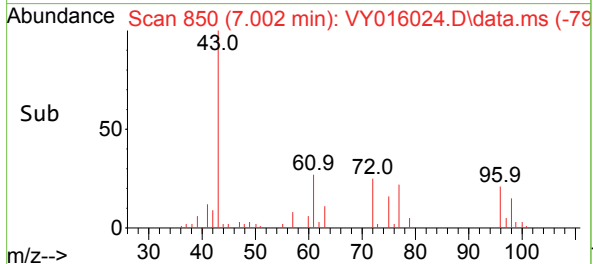
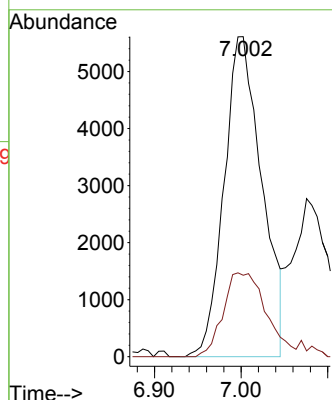
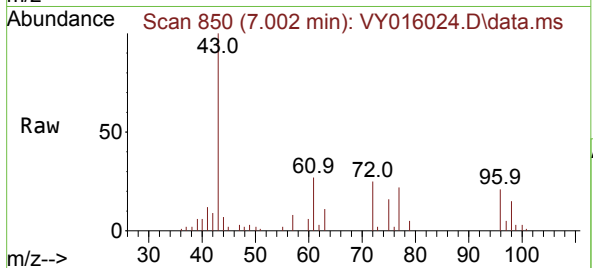
ClientSampleId :

Tgt Ion: 43 Resp: 17014

Ion Ratio Lower Upper

43 100

72 25.5 20.5 30.7



#26

2,2-Dichloropropane

Concen: 2.166 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY016024.D

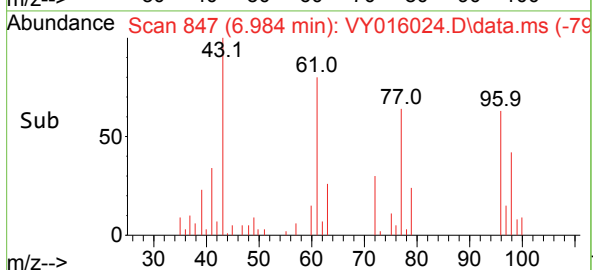
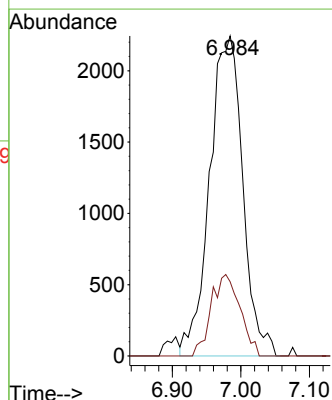
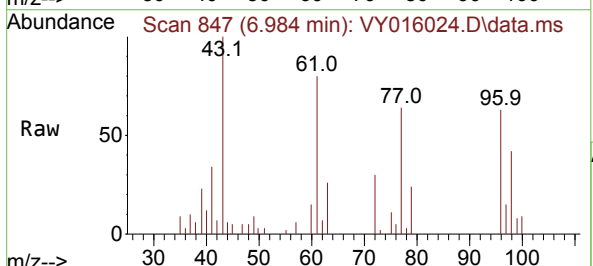
Acq: 18 Oct 2023 16:54

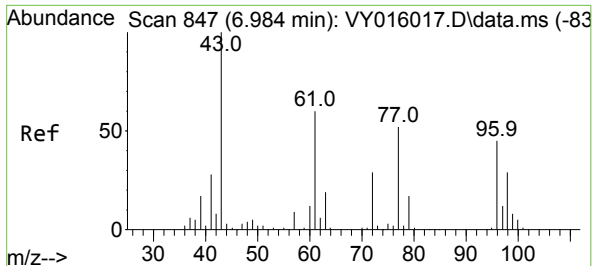
Tgt Ion: 77 Resp: 7523

Ion Ratio Lower Upper

77 100

97 22.2 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 2.201 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY016024.D

Acq: 18 Oct 2023 16:54

Instrument :

MSVOA_Y

ClientSampleId :

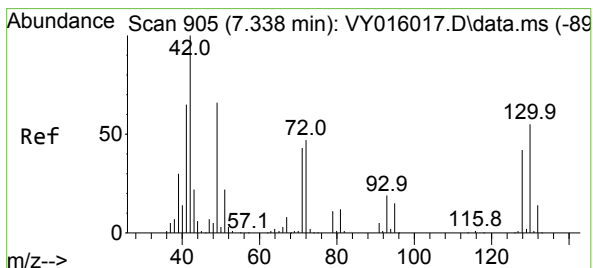
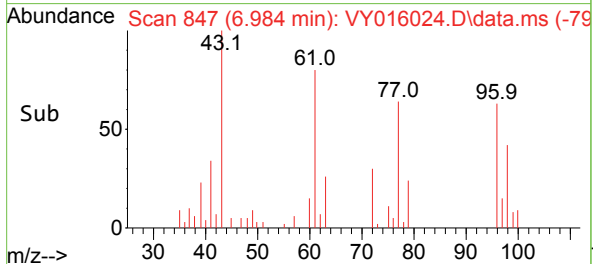
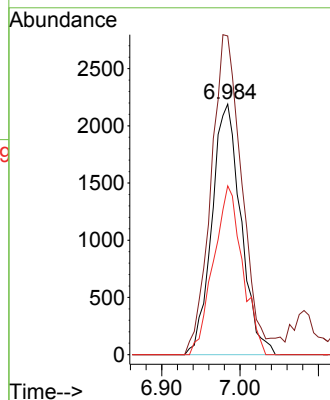
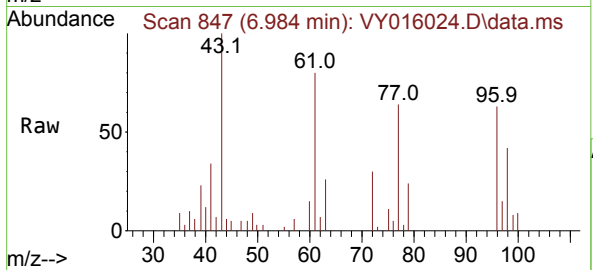
Tgt Ion: 96 Resp: 5640

Ion Ratio Lower Upper

96 100

61 136.2 0.0 301.4

98 67.1 0.0 130.4



#28

Bromochloromethane

Concen: 2.579 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.006 min

Lab File: VY016024.D

Acq: 18 Oct 2023 16:54

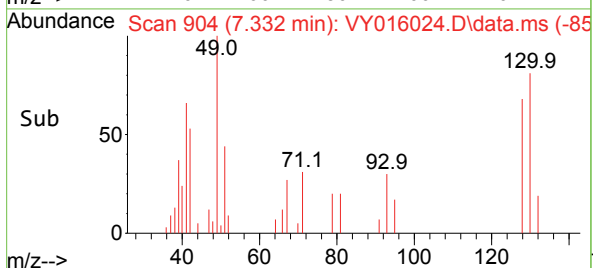
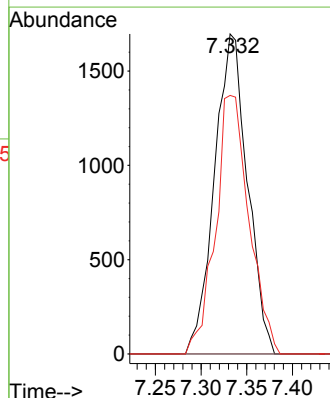
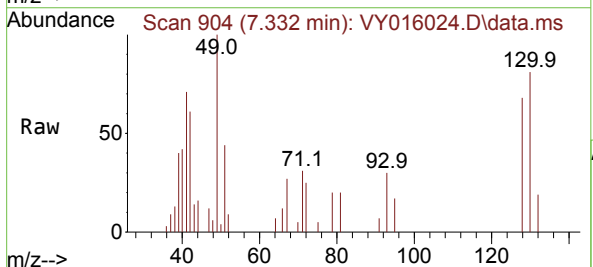
Tgt Ion: 49 Resp: 4257

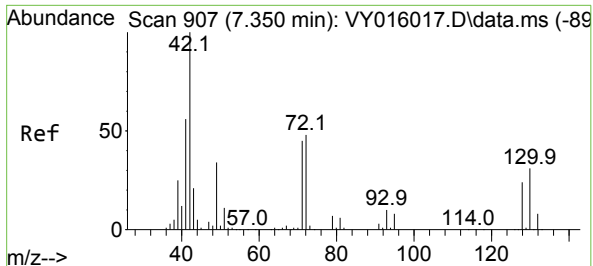
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.6

130 82.1 60.7 91.1





#29

Tetrahydrofuran

Concen: 15.704 ug/l

RT: 7.362 min Scan# 909

Delta R.T. 0.012 min

Lab File: VY016024.D

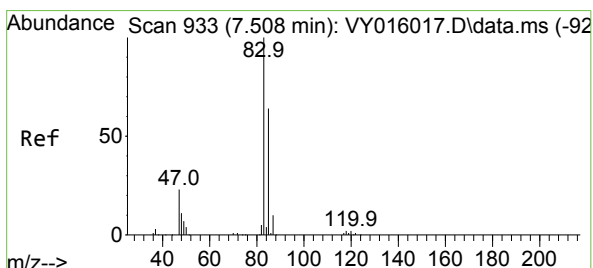
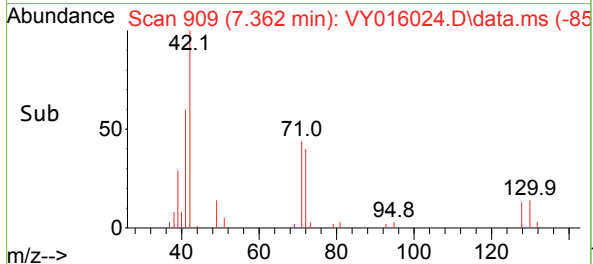
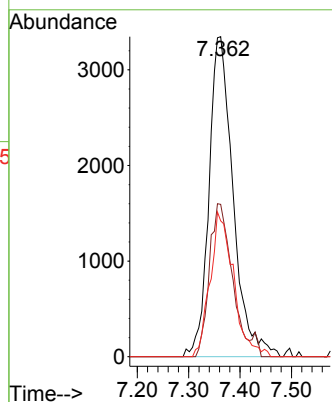
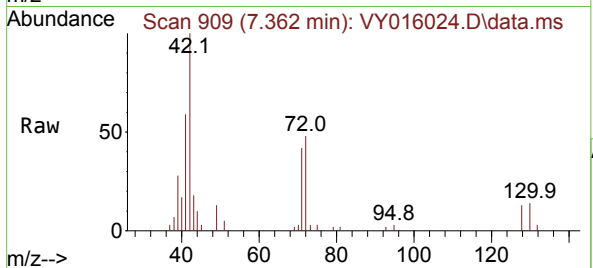
Acq: 18 Oct 2023 16:54

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	42	Resp:	10927
Ion	Ratio	Lower	Upper
42	100		
72	44.3	32.8	49.2
71	43.9	31.0	46.4



#30

Chloroform

Concen: 2.278 ug/l

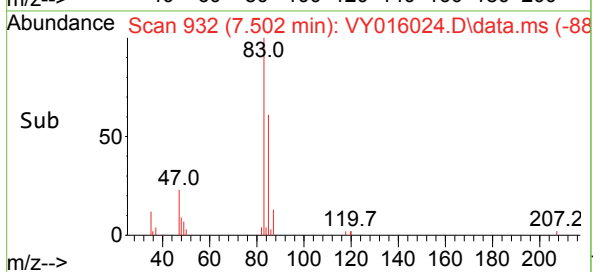
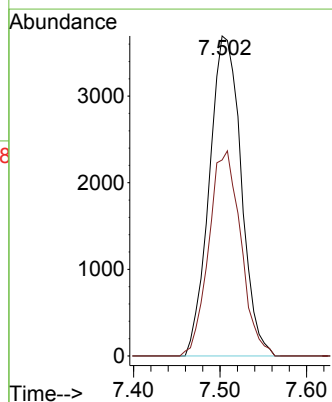
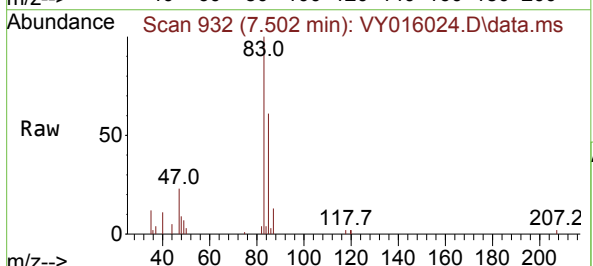
RT: 7.502 min Scan# 932

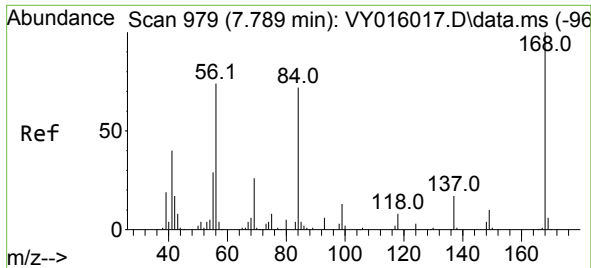
Delta R.T. -0.006 min

Lab File: VY016024.D

Acq: 18 Oct 2023 16:54

Tgt Ion:	83	Resp:	9430
Ion	Ratio	Lower	Upper
83	100		
85	61.3	49.7	74.5

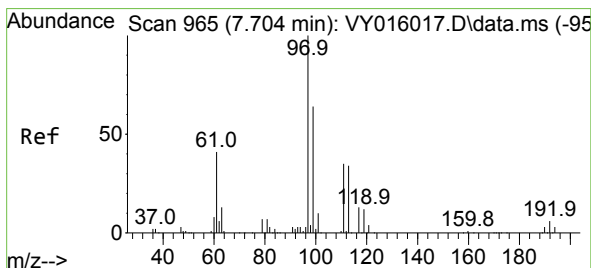
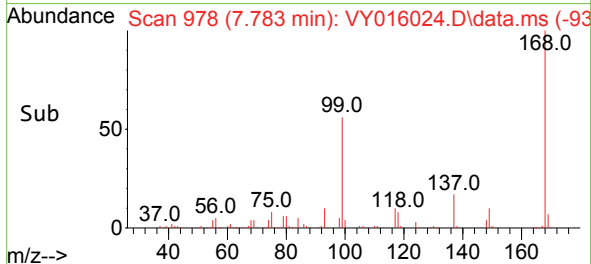
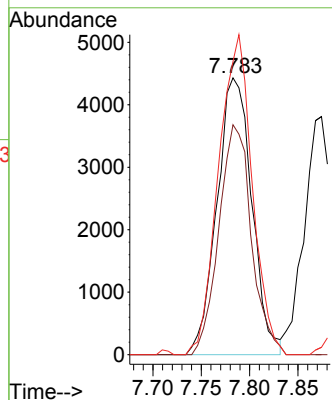
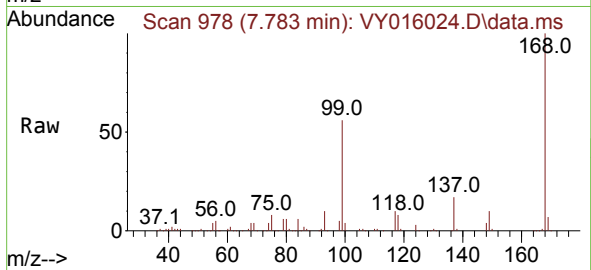




#31
Cyclohexane
Concen: 3.139 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016024.D
Acq: 18 Oct 2023 16:54

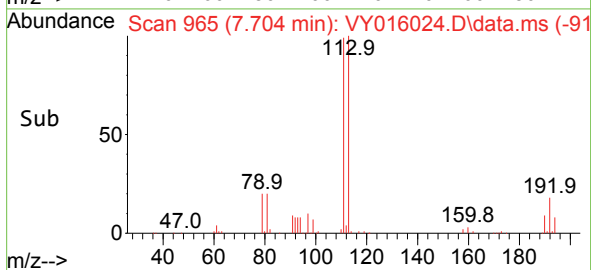
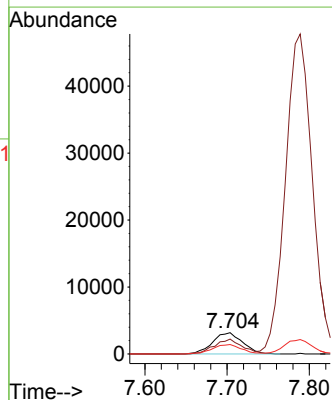
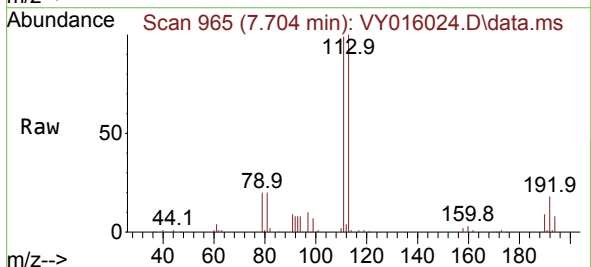
Instrument :
MSVOA_Y
ClientSampleId :

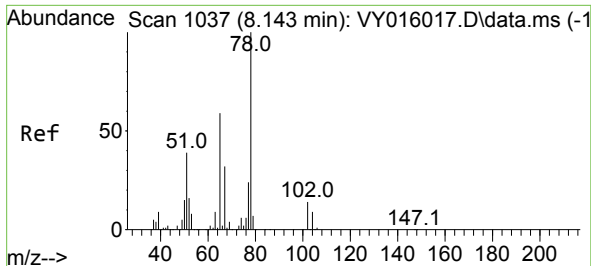
Tgt Ion: 56 Resp: 11124
Ion Ratio Lower Upper
56 100
69 83.1 27.8 41.6#
84 105.9 66.4 99.6#



#32
1,1,1-Trichloroethane
Concen: 2.170 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY016024.D
Acq: 18 Oct 2023 16:54

Tgt Ion: 97 Resp: 8034
Ion Ratio Lower Upper
97 100
99 63.6 50.8 76.2
61 43.6 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 53.614 ug/l

RT: 8.142 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016024.D

Acq: 18 Oct 2023 16:54

Instrument :

MSVOA_Y

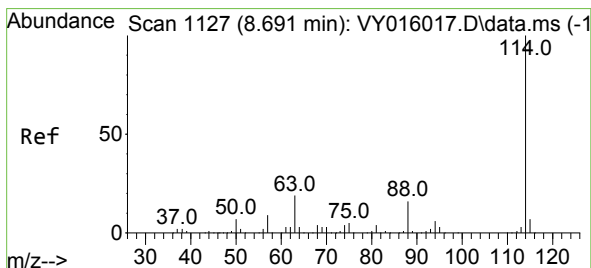
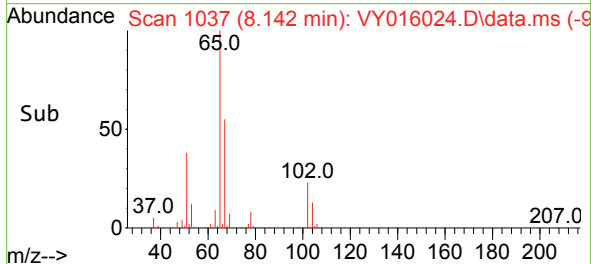
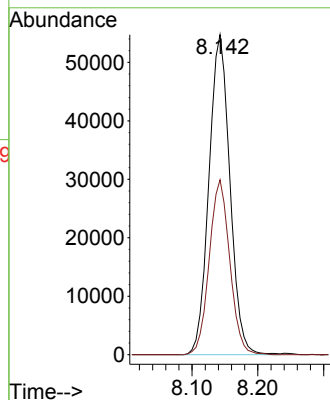
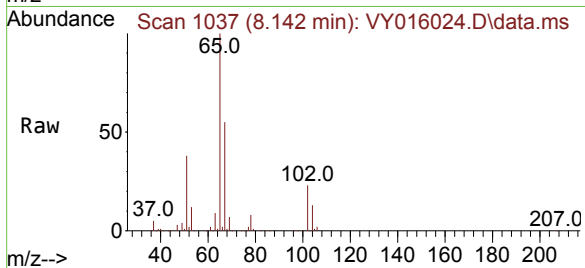
ClientSampleId :

Tgt Ion: 65 Resp: 121383

Ion Ratio Lower Upper

65 100

67 53.5 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY016024.D

Acq: 18 Oct 2023 16:54

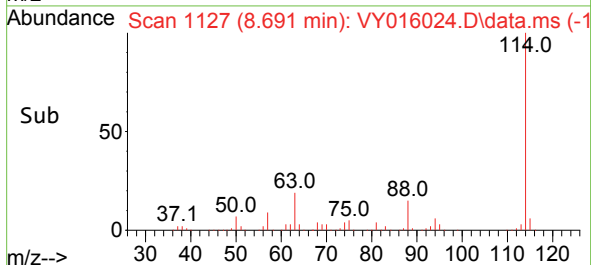
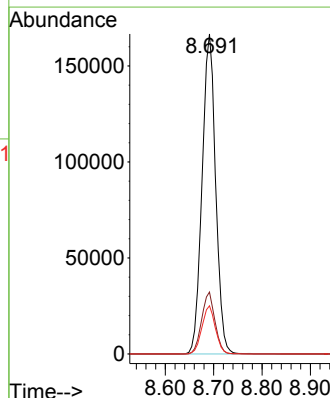
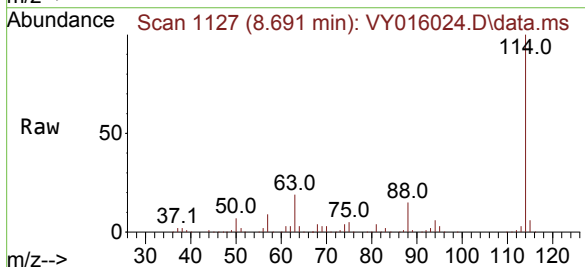
Tgt Ion: 114 Resp: 324410

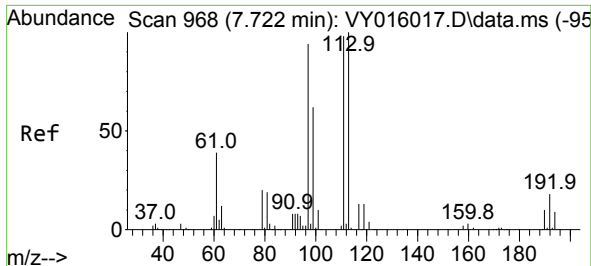
Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.4

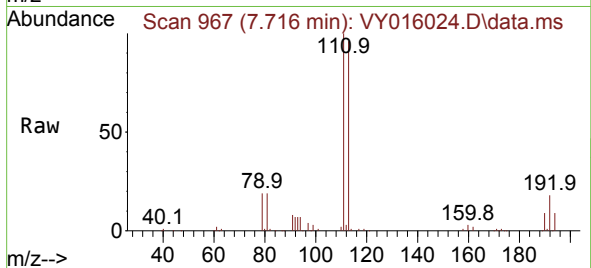
88 15.1 0.0 30.6



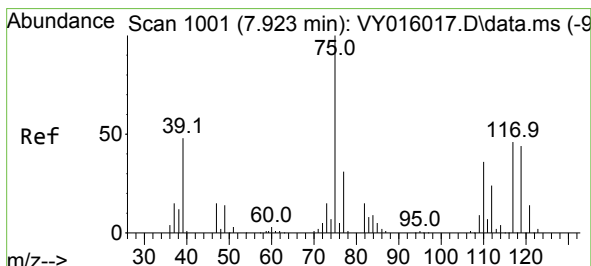
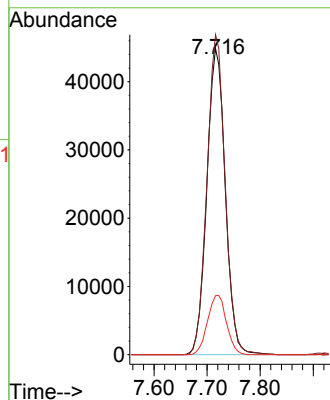
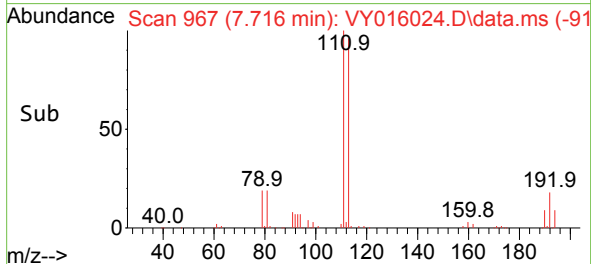


#35
Dibromofluoromethane
Concen: 50.854 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016024.D
Acq: 18 Oct 2023 16:54

Instrument :
MSVOA_Y
ClientSampleId :

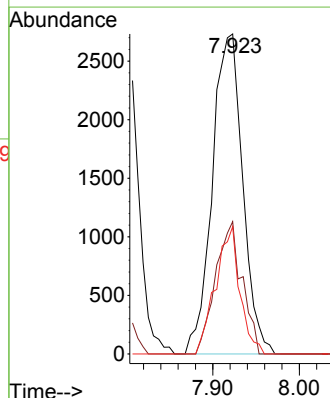
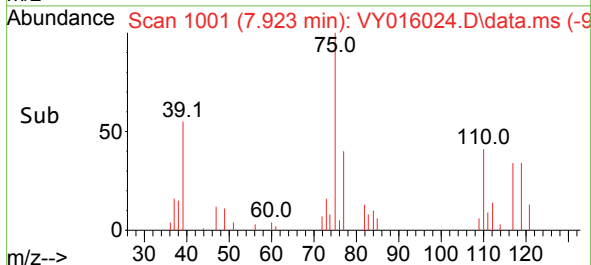
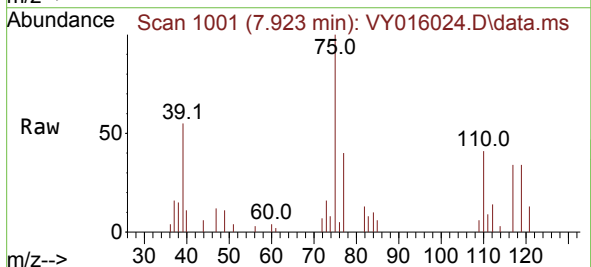


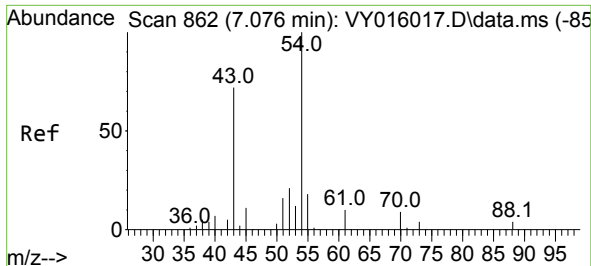
Tgt Ion:113 Resp: 108588
Ion Ratio Lower Upper
113 100
111 102.8 81.3 121.9
192 19.8 16.9 25.3



#36
1,1-Dichloropropene
Concen: 2.075 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. -0.000 min
Lab File: VY016024.D
Acq: 18 Oct 2023 16:54

Tgt Ion: 75 Resp: 6665
Ion Ratio Lower Upper
75 100
110 36.1 17.8 53.5
77 31.8 24.4 36.6





#37

Ethyl Acetate

Concen: 3.636 ug/l

RT: 7.076 min Scan# 8

Delta R.T. -0.000 min

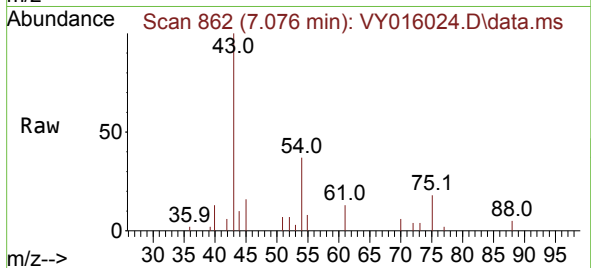
Lab File: VY016024.D

Acq: 18 Oct 2023 16:54

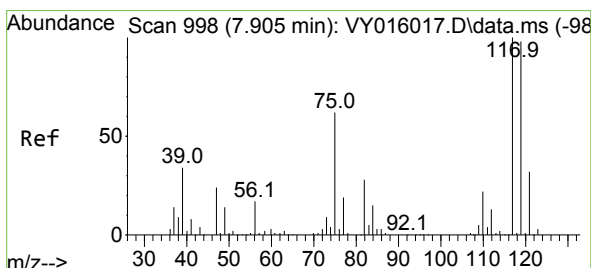
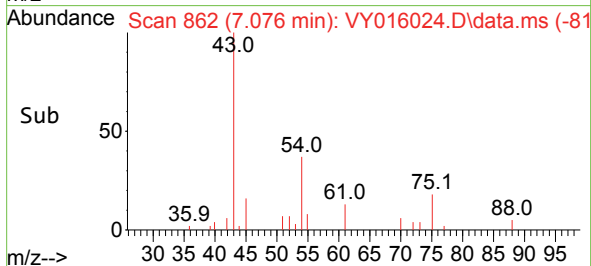
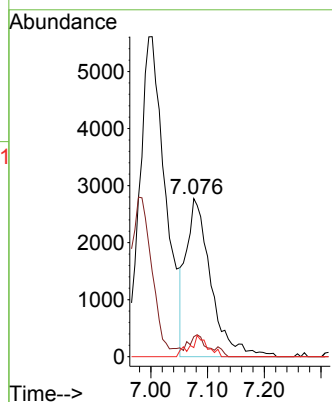
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	43	Resp:	8419
Ion	Ratio	Lower	Upper
43	100		
61	5.7	10.1	15.1#
70	9.4	7.1	10.7



#38

Carbon Tetrachloride

Concen: 2.245 ug/l

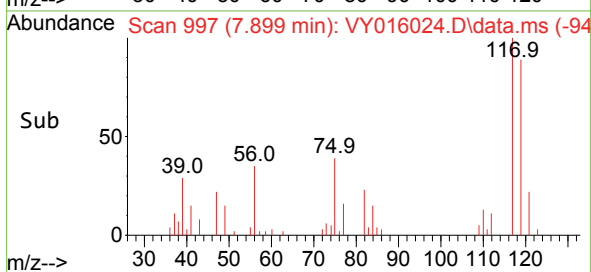
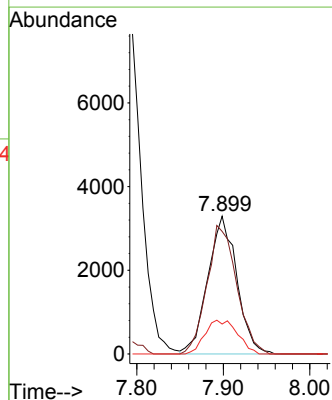
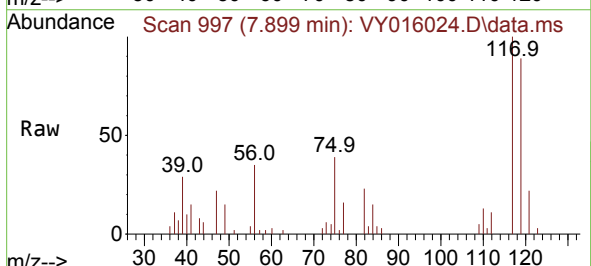
RT: 7.899 min Scan# 997

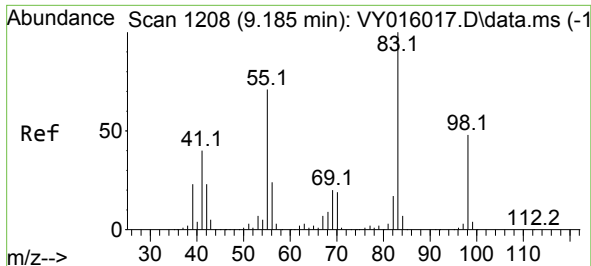
Delta R.T. -0.006 min

Lab File: VY016024.D

Acq: 18 Oct 2023 16:54

Tgt Ion:	117	Resp:	7666
Ion	Ratio	Lower	Upper
117	100		
119	88.9	76.4	114.6
121	21.8	25.8	38.6#

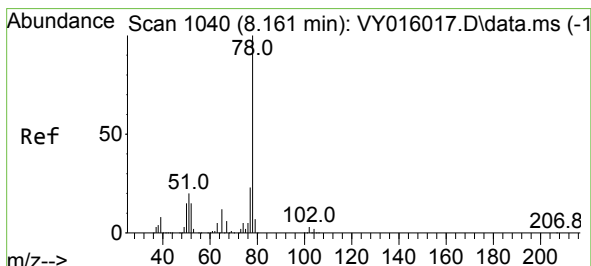
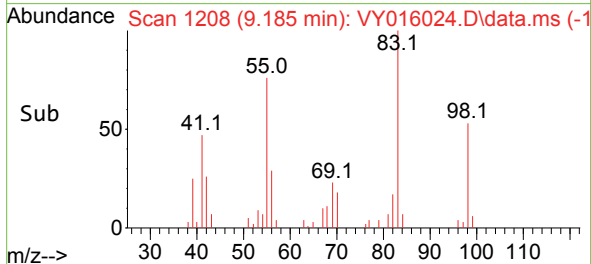
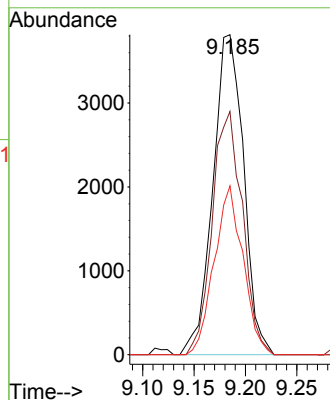
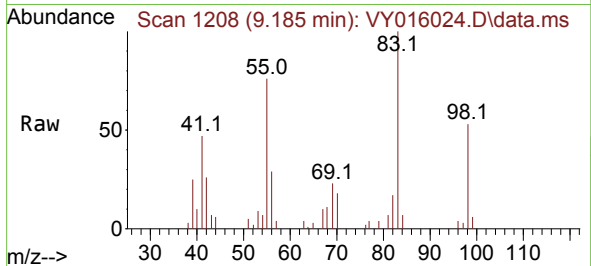




#39
Methylcyclohexane
Concen: 1.975 ug/l
RT: 9.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016024.D
Acq: 18 Oct 2023 16:54

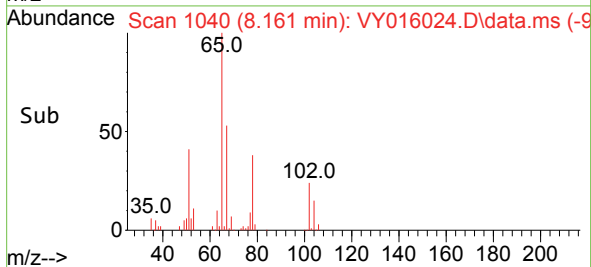
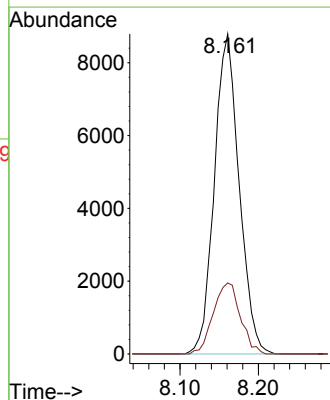
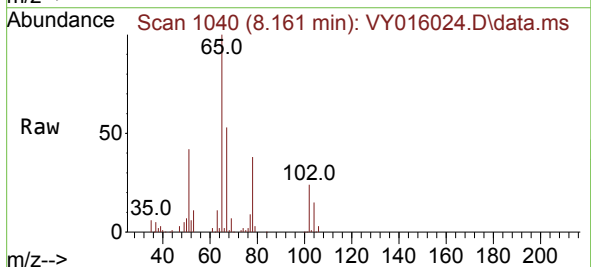
Instrument :
MSVOA_Y
ClientSampleId :

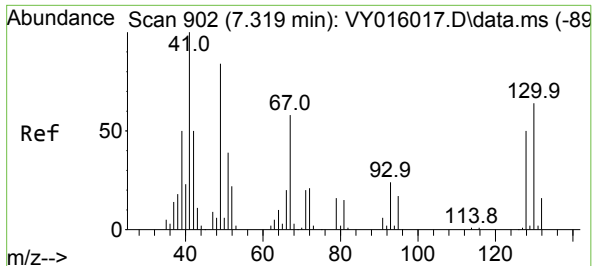
Tgt Ion: 83 Resp: 7930
Ion Ratio Lower Upper
83 100
55 76.0 63.0 94.4
98 52.8 37.4 56.2



#40
Benzene
Concen: 2.133 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY016024.D
Acq: 18 Oct 2023 16:54

Tgt Ion: 78 Resp: 19317
Ion Ratio Lower Upper
78 100
77 22.2 19.0 28.6

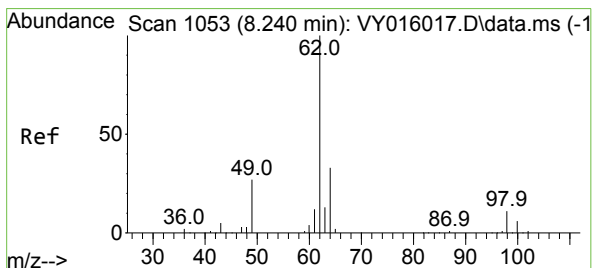
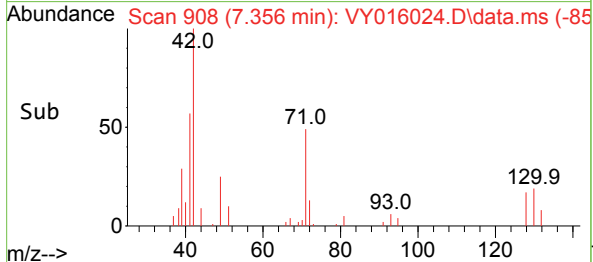
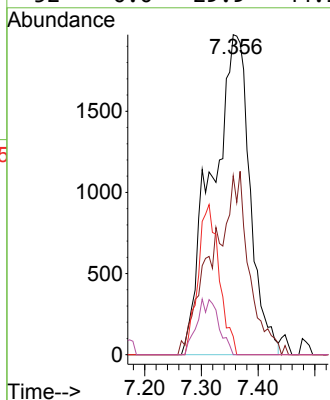
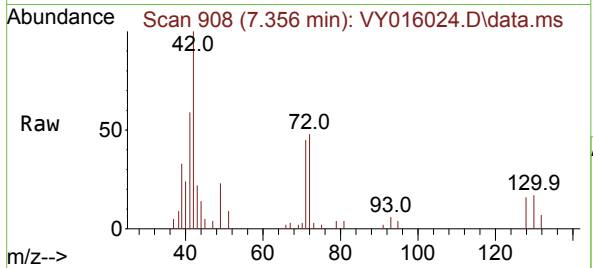




#41
Methacrylonitrile
Concen: 7.635 ug/l
RT: 7.356 min Scan# 90
Delta R.T. 0.037 min
Lab File: VY016024.D
Acq: 18 Oct 2023 16:54

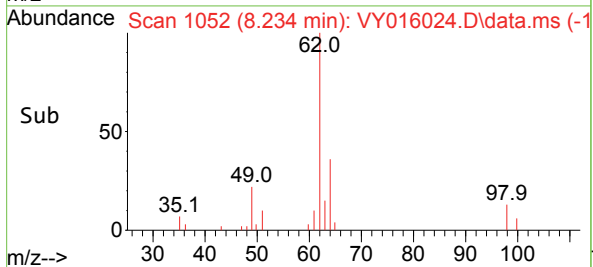
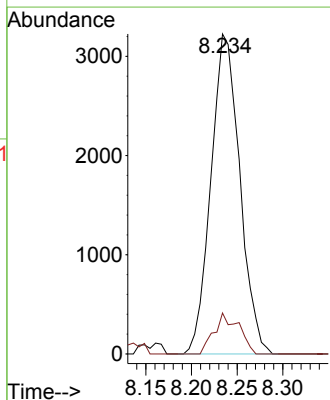
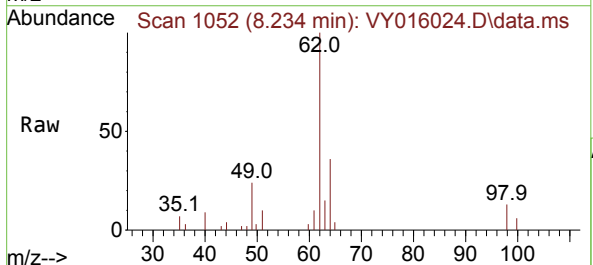
Instrument :
MSVOA_Y
ClientSampleId :

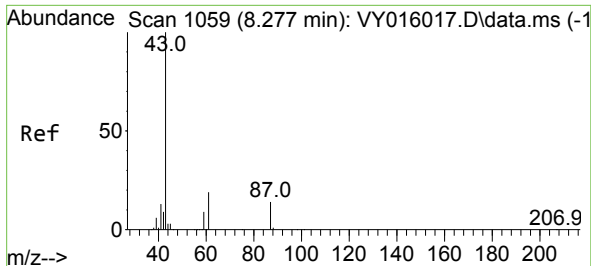
Tgt Ion: 41 Resp: 9172
Ion Ratio Lower Upper
41 100
39 55.0 52.1 78.1
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 2.429 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY016024.D
Acq: 18 Oct 2023 16:54

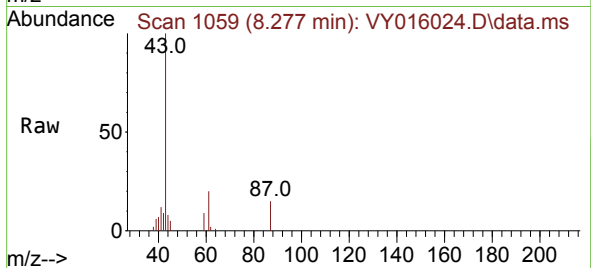
Tgt Ion: 62 Resp: 7085
Ion Ratio Lower Upper
62 100
98 10.9 0.0 15.8



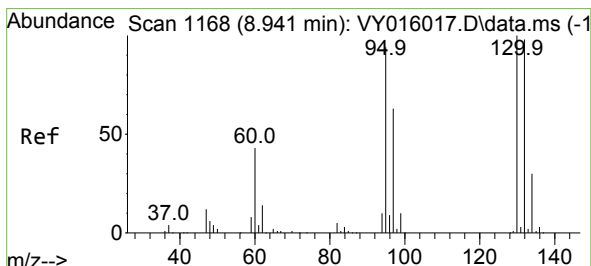
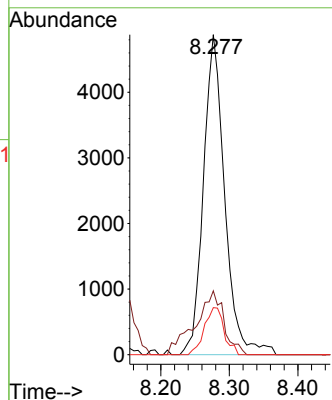
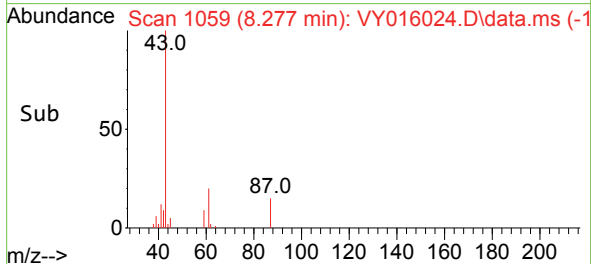


#43
Isopropyl Acetate
Concen: 2.606 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VY016024.D
Acq: 18 Oct 2023 16:54

Instrument :
MSVOA_Y
ClientSampleId :

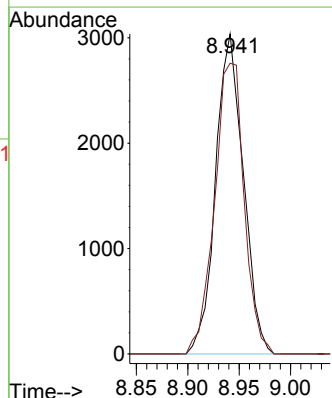
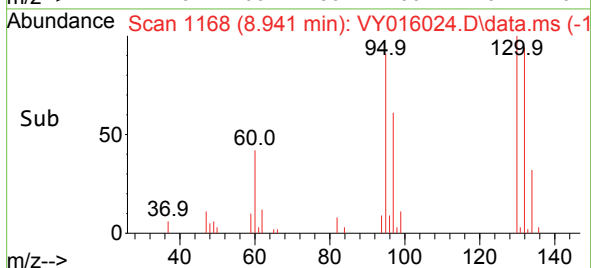
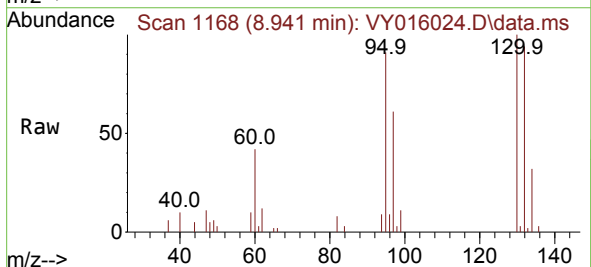


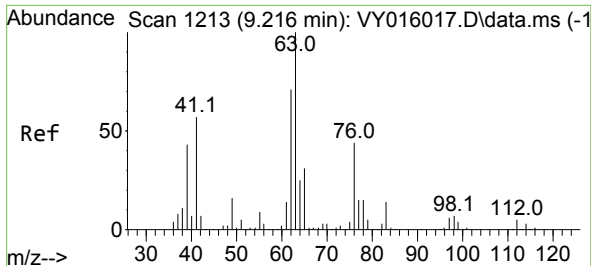
Tgt Ion: 43 Resp: 10551
Ion Ratio Lower Upper
43 100
61 26.8 21.1 31.7
87 13.6 9.8 14.8



#44
Trichloroethene
Concen: 2.244 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY016024.D
Acq: 18 Oct 2023 16:54

Tgt Ion:130 Resp: 5697
Ion Ratio Lower Upper
130 100
95 90.9 0.0 196.0

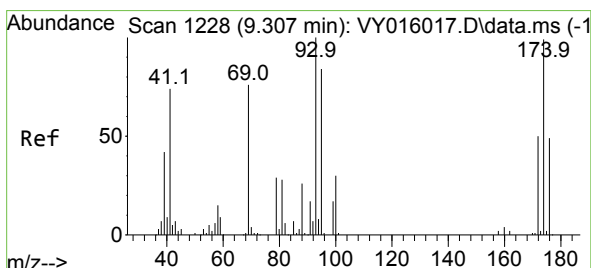
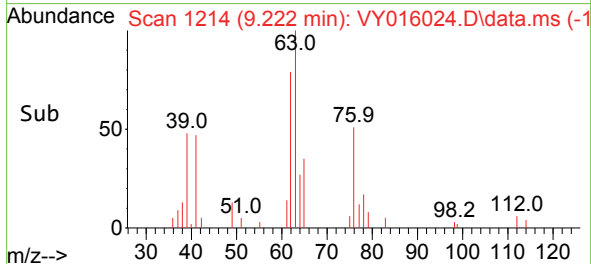
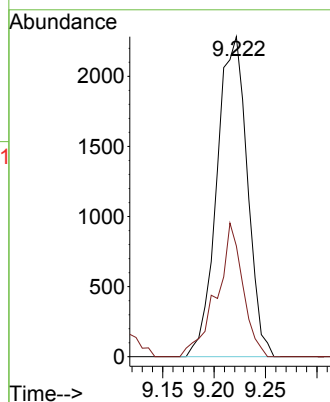
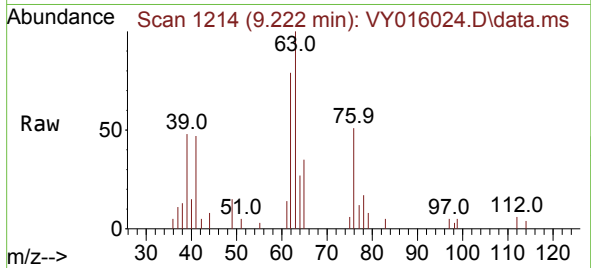




#45
1,2-Dichloropropane
Concen: 2.070 ug/l
RT: 9.222 min Scan# 1214
Delta R.T. 0.006 min
Lab File: VY016024.D
Acq: 18 Oct 2023 16:54

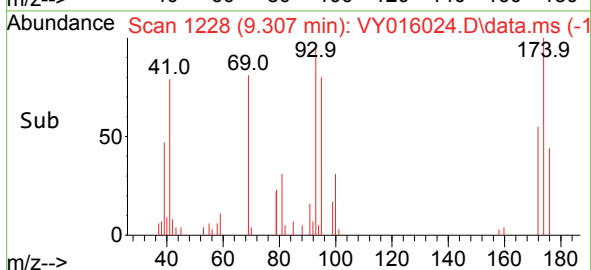
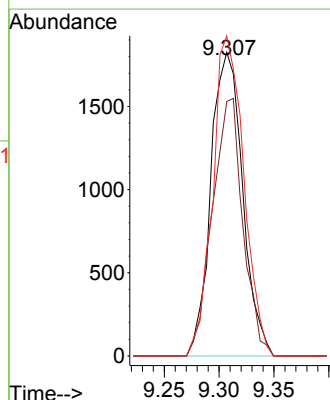
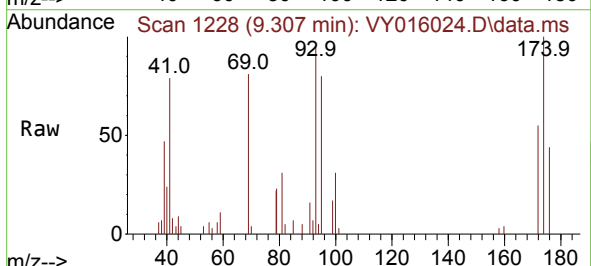
Instrument :
MSVOA_Y
ClientSampleId :

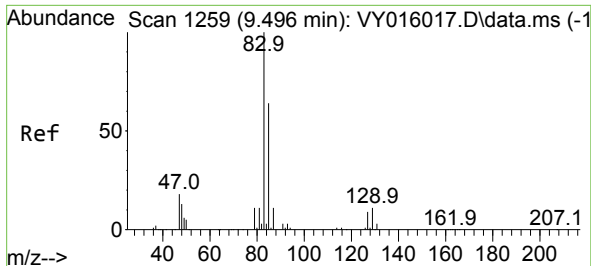
Tgt Ion: 63 Resp: 4690
Ion Ratio Lower Upper
63 100
65 34.6 23.8 35.6



#46
Dibromomethane
Concen: 2.436 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VY016024.D
Acq: 18 Oct 2023 16:54

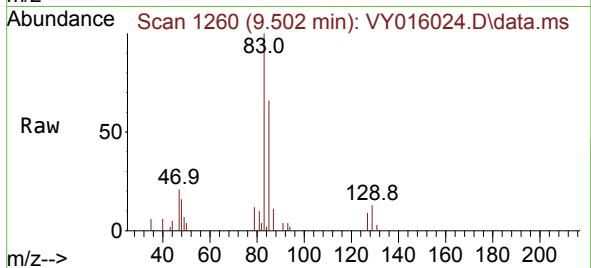
Tgt Ion: 93 Resp: 3664
Ion Ratio Lower Upper
93 100
95 81.8 66.6 100.0
174 103.5 84.8 127.2



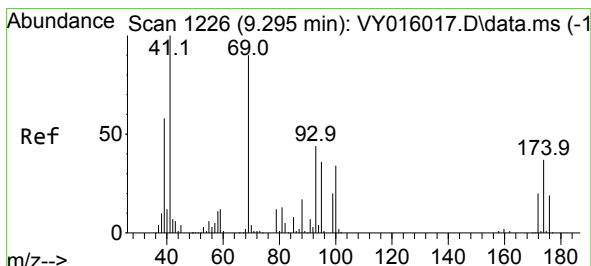
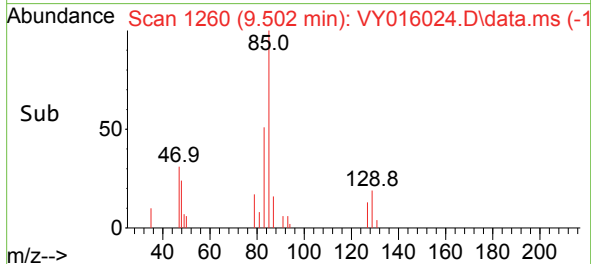
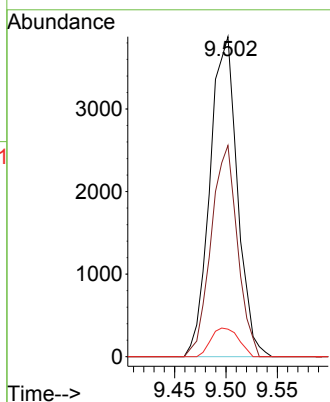


#47
Bromodichloromethane
Concen: 2.185 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.006 min
Lab File: VY016024.D
Acq: 18 Oct 2023 16:54

Instrument :
MSVOA_Y
ClientSampleId :

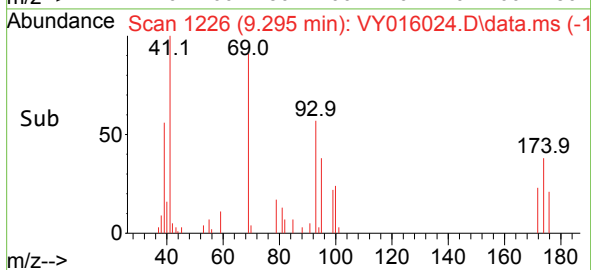
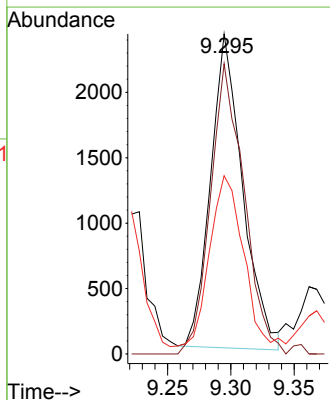
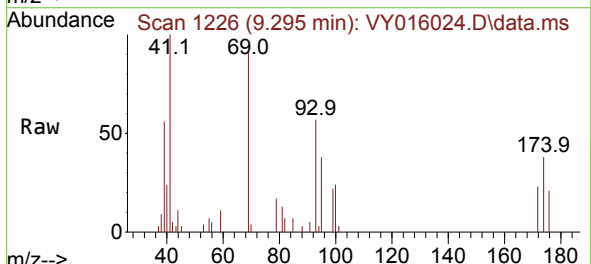


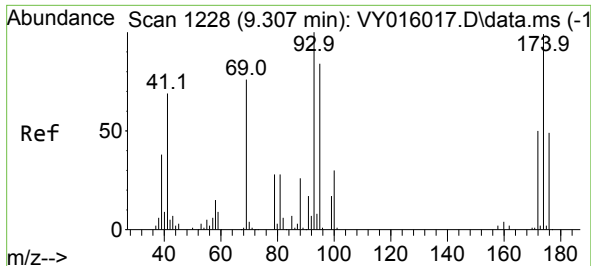
Tgt Ion: 83 Resp: 7203
Ion Ratio Lower Upper
83 100
85 66.0 50.1 75.1
127 8.6 7.1 10.7



#48
Methyl methacrylate
Concen: 2.296 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY016024.D
Acq: 18 Oct 2023 16:54

Tgt Ion: 41 Resp: 4232
Ion Ratio Lower Upper
41 100
69 96.9 64.5 96.7#
39 58.7 50.8 76.2





#49

1,4-Dioxane

Concen: 67.630 ug/l

RT: 9.350 min Scan# 1

Delta R.T. 0.043 min

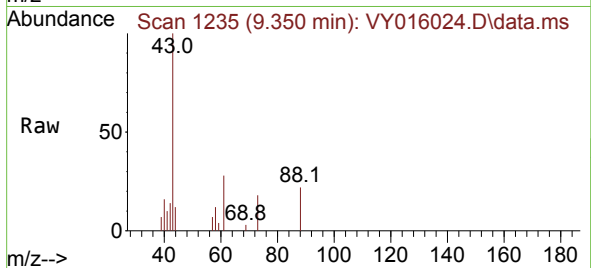
Lab File: VY016024.D

Acq: 18 Oct 2023 16:54

Instrument :

MSVOA_Y

ClientSampleId :



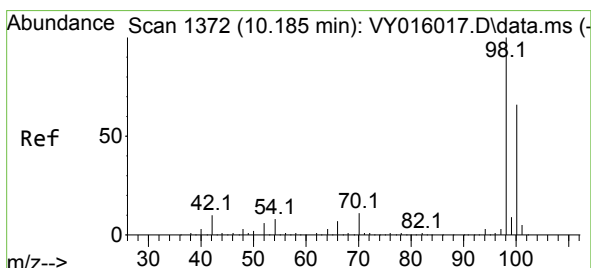
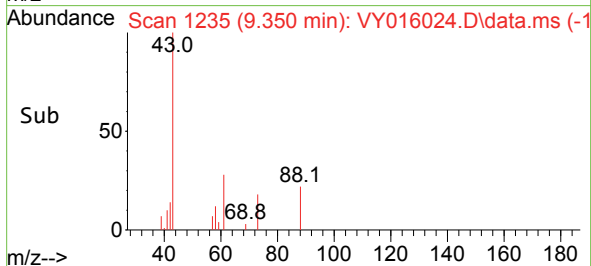
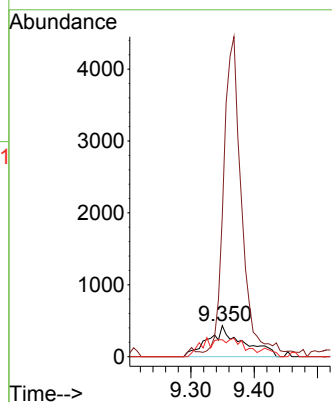
Tgt Ion: 88 Resp: 1620

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 9.0 30.9 46.3#



#50

Toluene-d8

Concen: 49.847 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.006 min

Lab File: VY016024.D

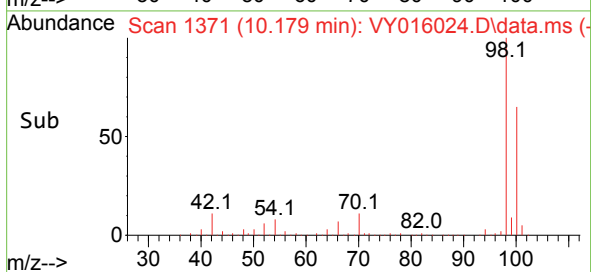
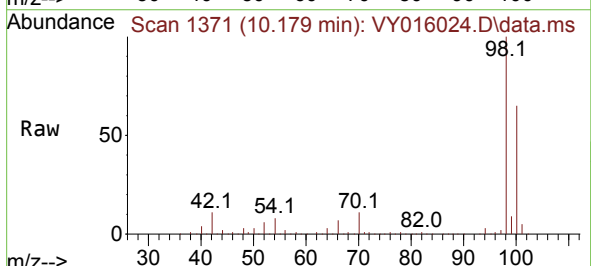
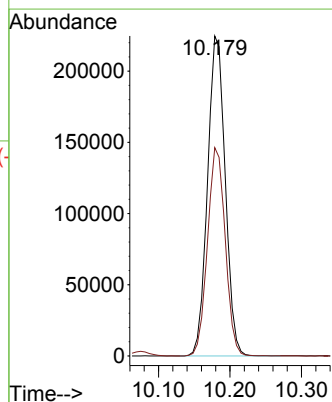
Acq: 18 Oct 2023 16:54

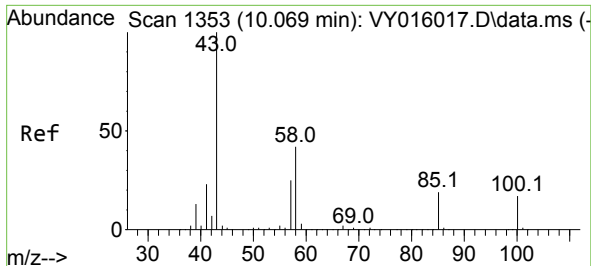
Tgt Ion: 98 Resp: 386568

Ion Ratio Lower Upper

98 100

100 65.2 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 13.589 ug/l

RT: 10.075 min Scan# 1353

Delta R.T. 0.006 min

Lab File: VY016024.D

Acq: 18 Oct 2023 16:54

Instrument :

MSVOA_Y

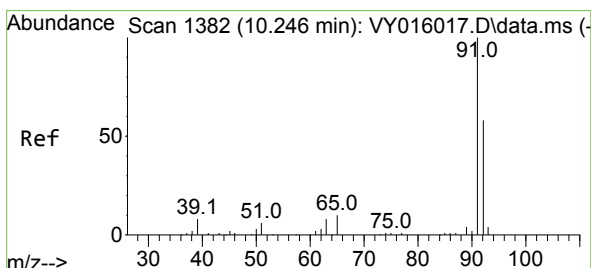
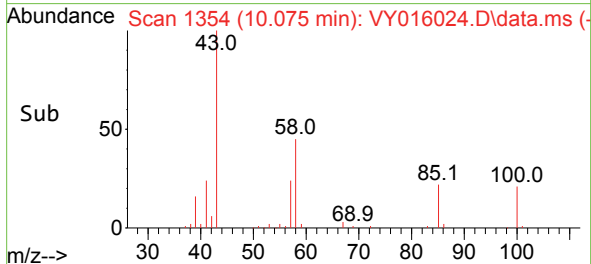
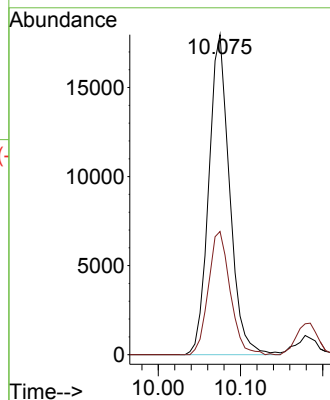
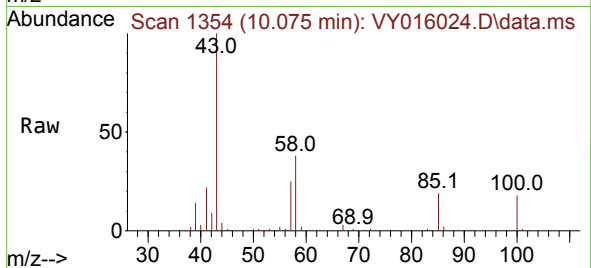
ClientSampleId :

Tgt Ion: 43 Resp: 31637

Ion Ratio Lower Upper

43 100

58 40.3 29.0 43.6



#52

Toluene

Concen: 2.156 ug/l

RT: 10.246 min Scan# 1382

Delta R.T. -0.000 min

Lab File: VY016024.D

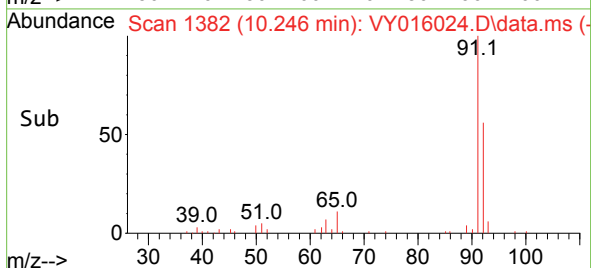
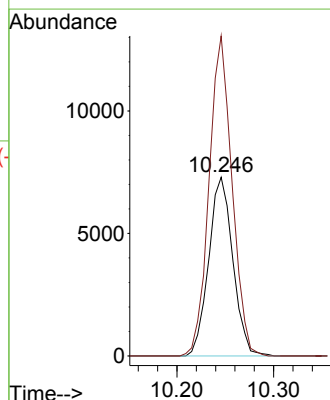
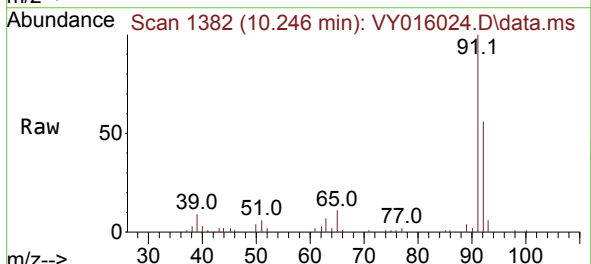
Acq: 18 Oct 2023 16:54

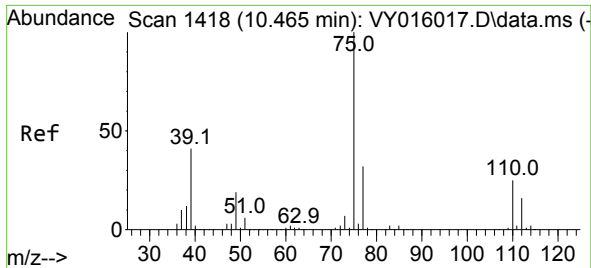
Tgt Ion: 92 Resp: 12661

Ion Ratio Lower Upper

92 100

91 170.4 143.8 215.6

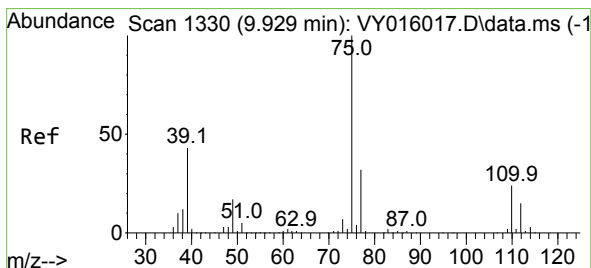
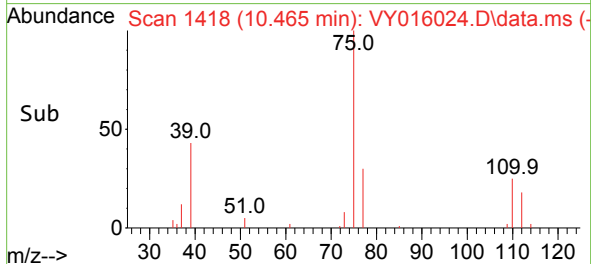
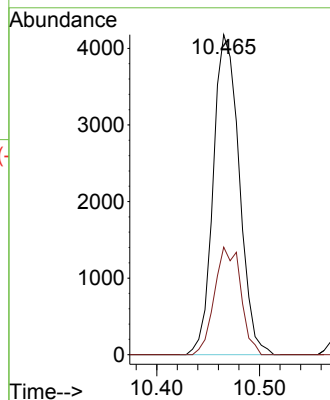
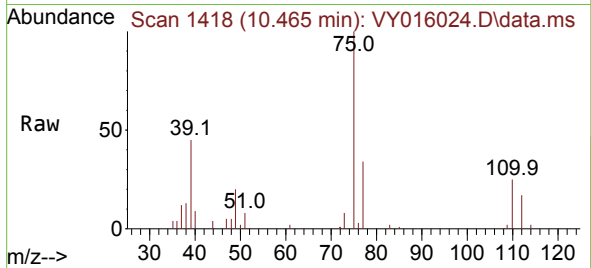




#53
 t-1,3-Dichloropropene
 Concen: 2.054 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. -0.000 min
 Lab File: VY016024.D
 Acq: 18 Oct 2023 16:54

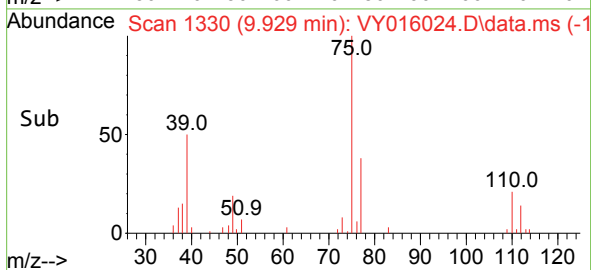
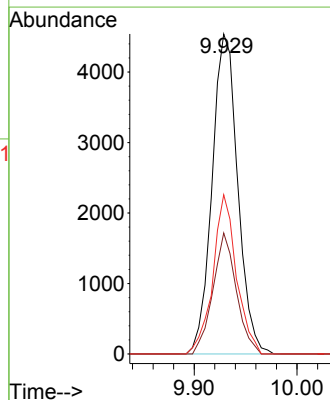
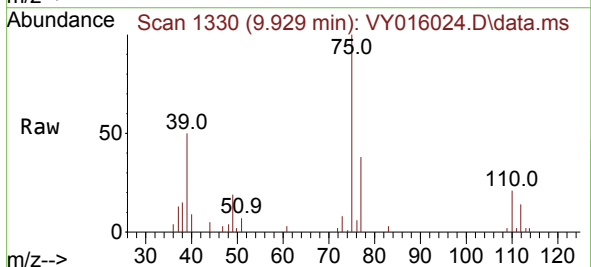
Instrument :
 MSVOA_Y
 ClientSampleId :

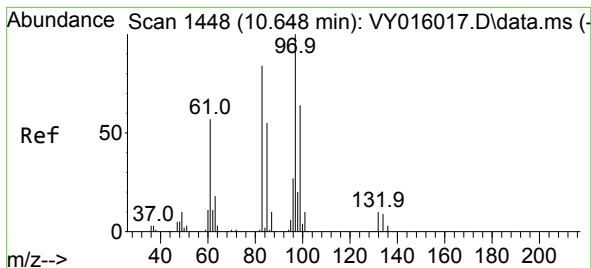
Tgt Ion: 75 Resp: 7335
 Ion Ratio Lower Upper
 75 100
 77 33.6 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 2.020 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY016024.D
 Acq: 18 Oct 2023 16:54

Tgt Ion: 75 Resp: 7864
 Ion Ratio Lower Upper
 75 100
 77 37.8 24.2 36.4#
 39 49.7 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 2.537 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. -0.000 min

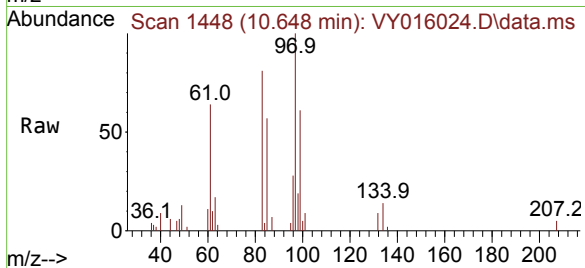
Lab File: VY016024.D

Acq: 18 Oct 2023 16:54

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 97 Resp: 5244

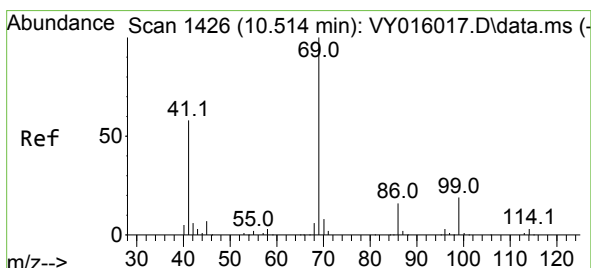
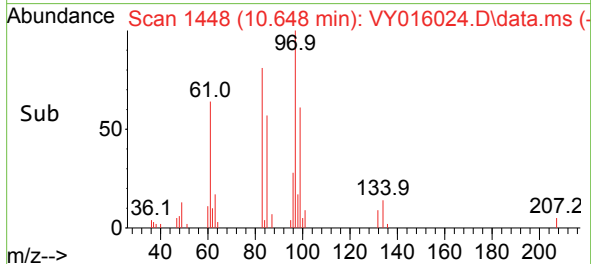
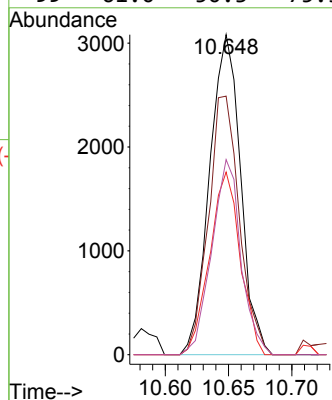
Ion Ratio Lower Upper

97 100

83 80.8 72.0 108.0

85 57.0 45.4 68.0

99 61.0 50.3 75.5



#56

Ethyl methacrylate

Concen: 2.131 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. -0.000 min

Lab File: VY016024.D

Acq: 18 Oct 2023 16:54

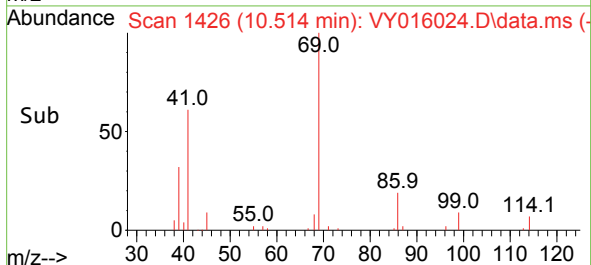
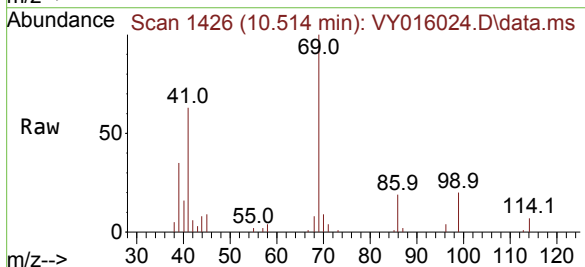
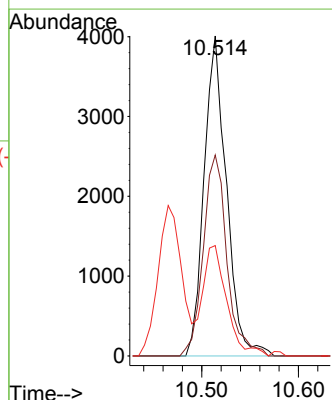
Tgt Ion: 69 Resp: 6437

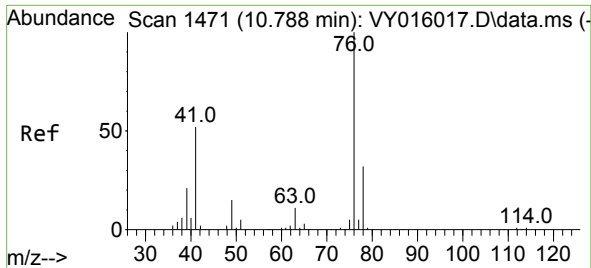
Ion Ratio Lower Upper

69 100

41 66.7 57.6 86.4

39 37.7 34.1 51.1

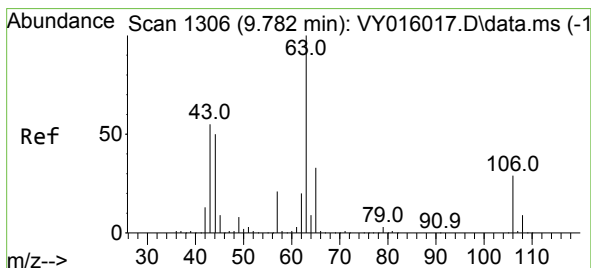
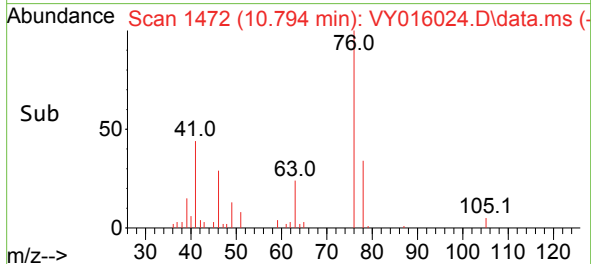
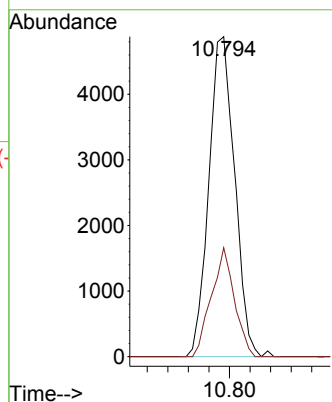
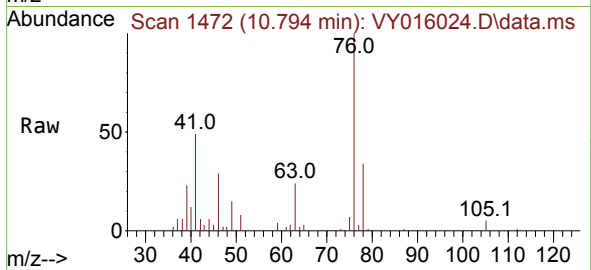




#57
1,3-Dichloropropane
Concen: 2.426 ug/l
RT: 10.794 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VY016024.D
Acq: 18 Oct 2023 16:54

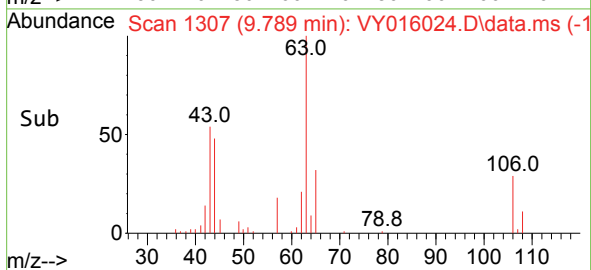
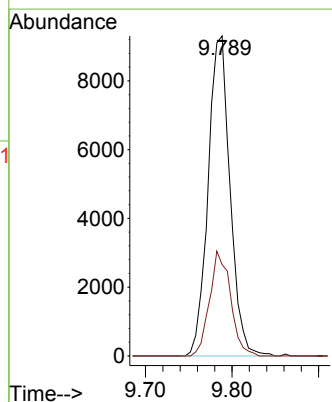
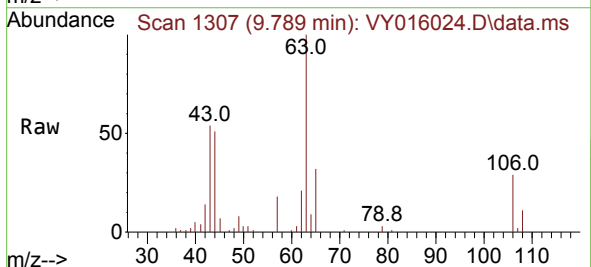
Instrument :
MSVOA_Y
ClientSampleId :

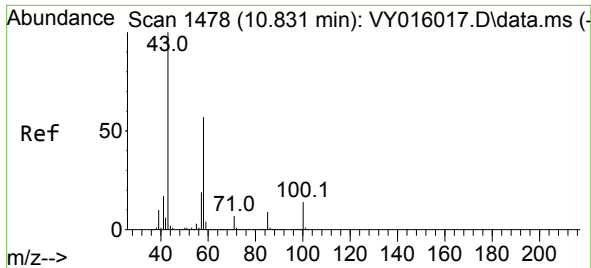
Tgt Ion: 76 Resp: 8504
Ion Ratio Lower Upper
76 100
78 30.3 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 11.283 ug/l
RT: 9.789 min Scan# 1307
Delta R.T. 0.006 min
Lab File: VY016024.D
Acq: 18 Oct 2023 16:54

Tgt Ion: 63 Resp: 16368
Ion Ratio Lower Upper
63 100
106 31.3 21.2 31.8

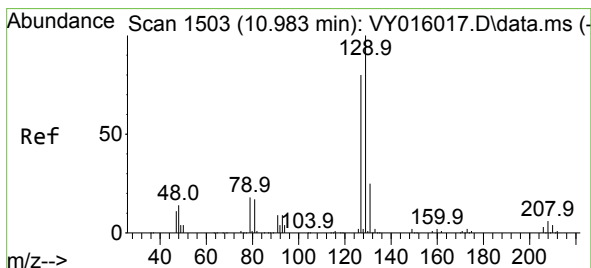
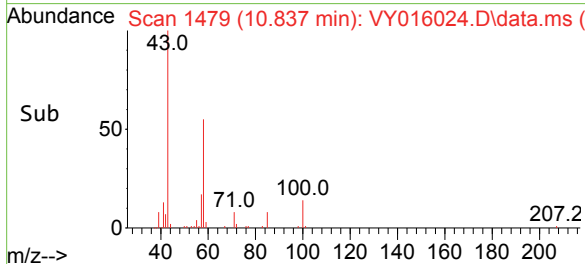
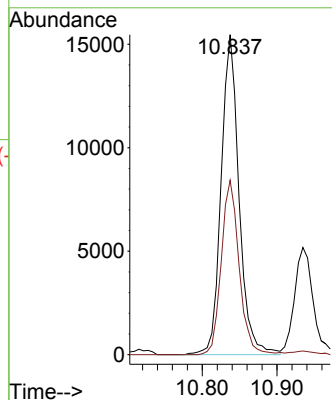
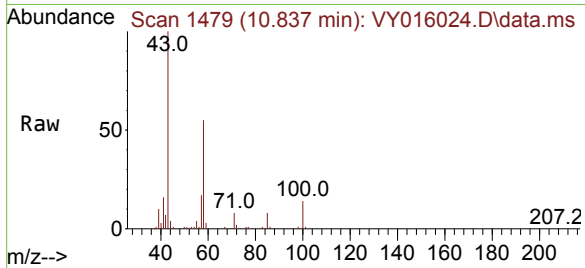




#59
2-Hexanone
Concen: 14.541 ug/l
RT: 10.837 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VY016024.D
Acq: 18 Oct 2023 16:54

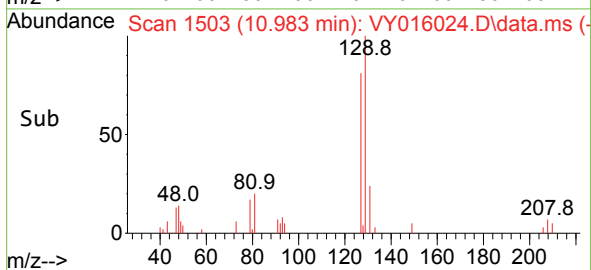
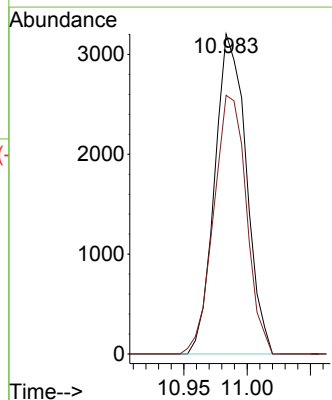
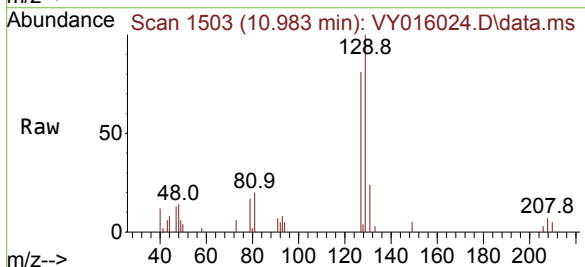
Instrument :
MSVOA_Y
ClientSampleId :

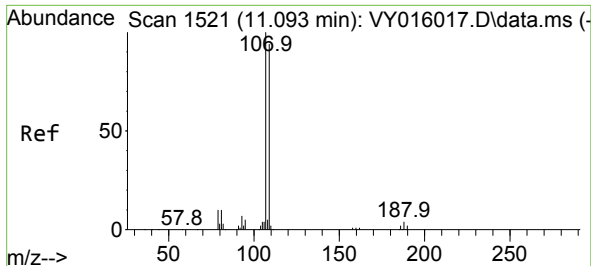
Tgt Ion: 43 Resp: 25758
Ion Ratio Lower Upper
43 100
58 54.3 25.1 75.3



#60
Dibromochloromethane
Concen: 2.215 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY016024.D
Acq: 18 Oct 2023 16:54

Tgt Ion: 129 Resp: 5536
Ion Ratio Lower Upper
129 100
127 83.9 38.5 115.5

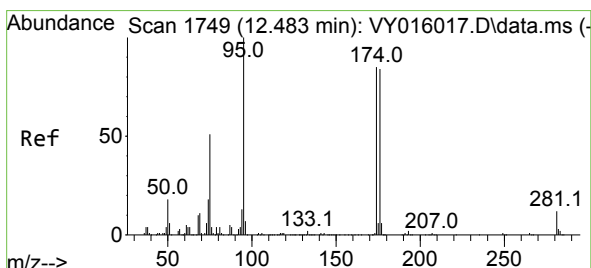
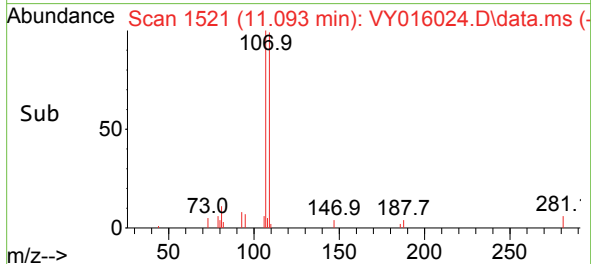
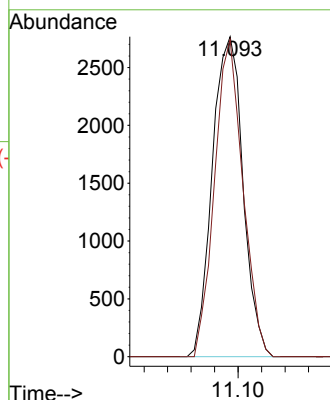
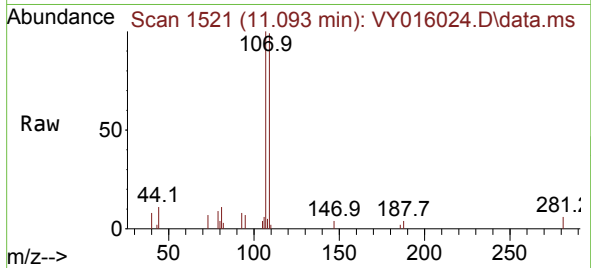




#61
1,2-Dibromoethane
Concen: 2.387 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. -0.000 min
Lab File: VY016024.D
Acq: 18 Oct 2023 16:54

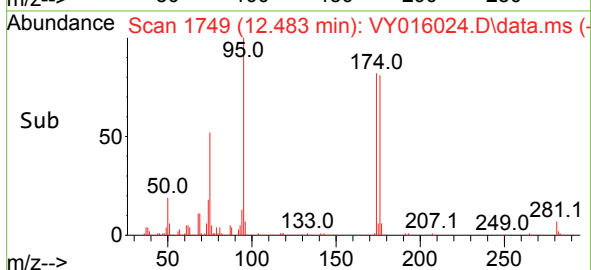
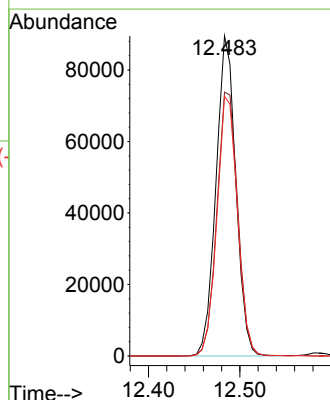
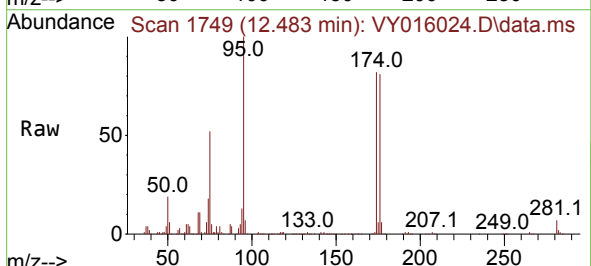
Instrument :
MSVOA_Y
ClientSampleId :

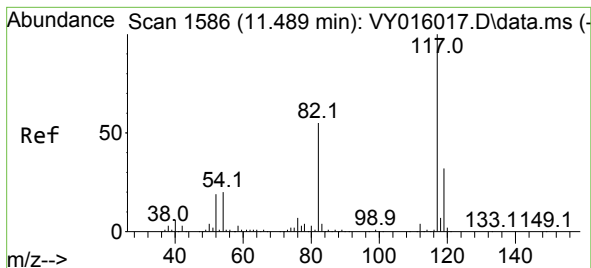
Tgt Ion:107 Resp: 5020
Ion Ratio Lower Upper
107 100
109 91.4 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 48.835 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY016024.D
Acq: 18 Oct 2023 16:54

Tgt Ion: 95 Resp: 135133
Ion Ratio Lower Upper
95 100
174 87.0 0.0 178.2
176 84.2 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016024.D

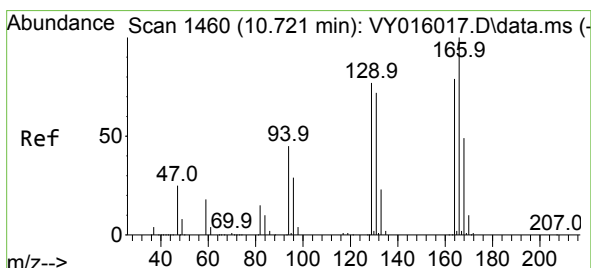
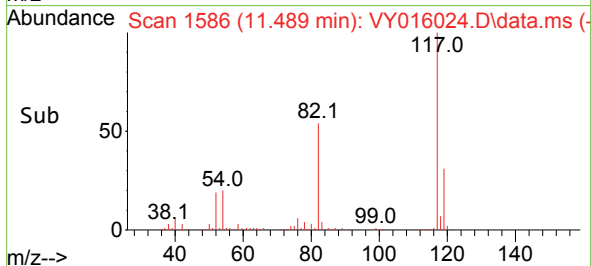
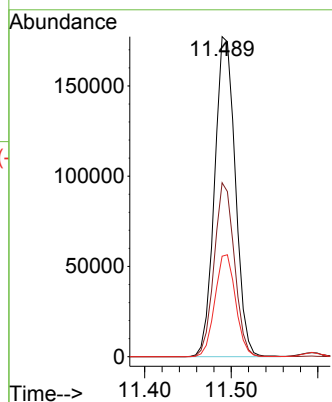
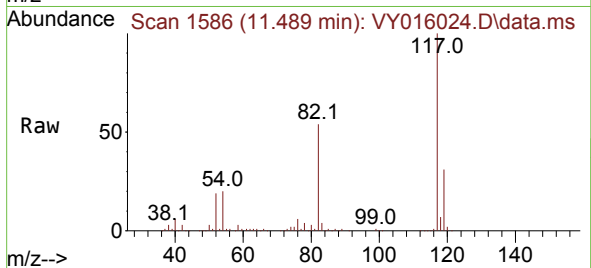
Acq: 18 Oct 2023 16:54

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:117	Resp:	294761
Ion	Ratio	Lower Upper
117	100	
82	54.4	43.4 65.0
119	31.4	26.3 39.5



#64

Tetrachloroethene

Concen: 2.276 ug/l

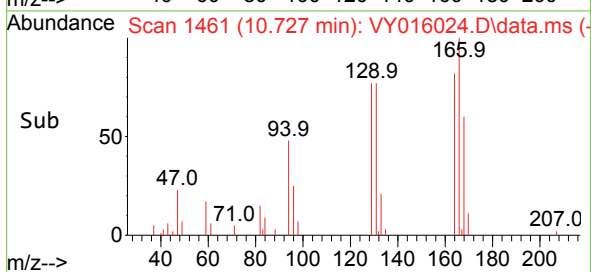
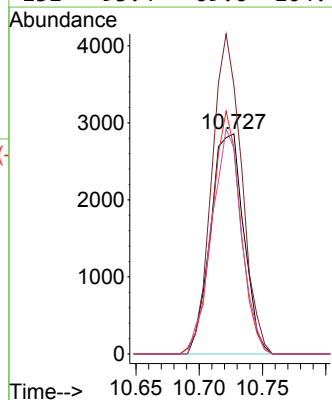
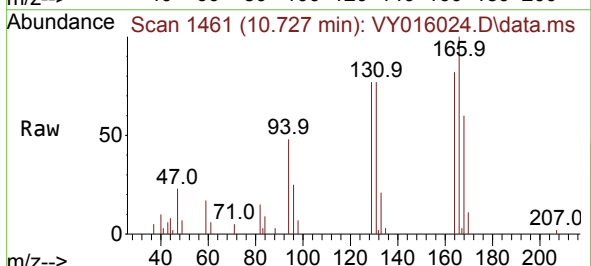
RT: 10.727 min Scan# 1461

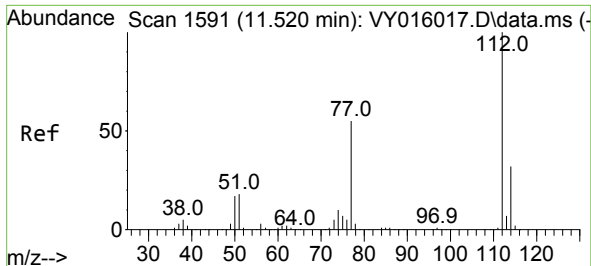
Delta R.T. 0.006 min

Lab File: VY016024.D

Acq: 18 Oct 2023 16:54

Tgt Ion:164	Resp:	5201
Ion	Ratio	Lower Upper
164	100	
166	121.9	103.0 154.6
129	93.5	77.2 115.8
131	93.4	69.6 104.4

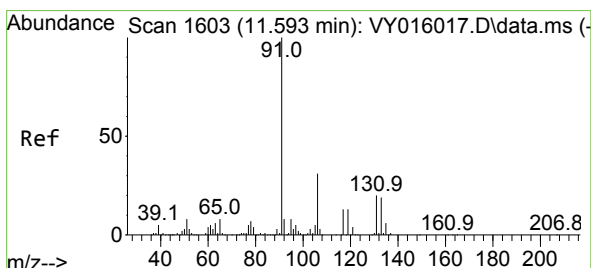
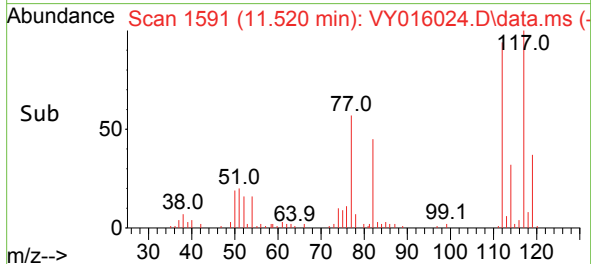
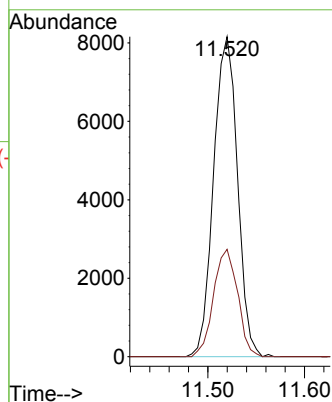
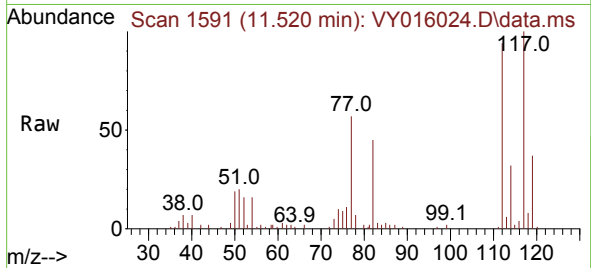




#65
Chlorobenzene
Concen: 2.189 ug/l
RT: 11.520 min Scan# 1159
Delta R.T. -0.000 min
Lab File: VY016024.D
Acq: 18 Oct 2023 16:54

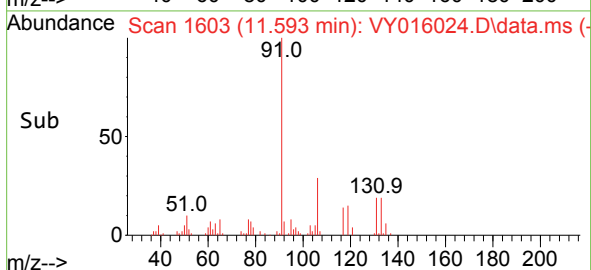
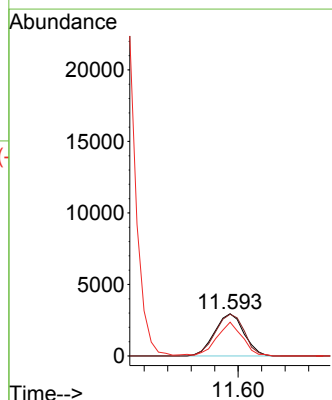
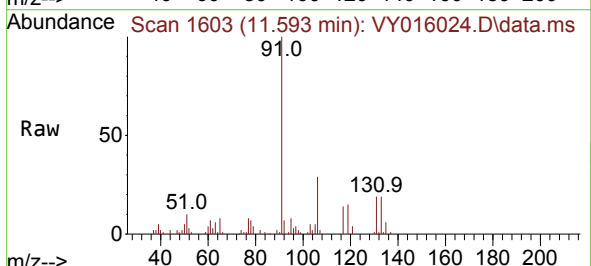
Instrument :
MSVOA_Y
ClientSampleId :

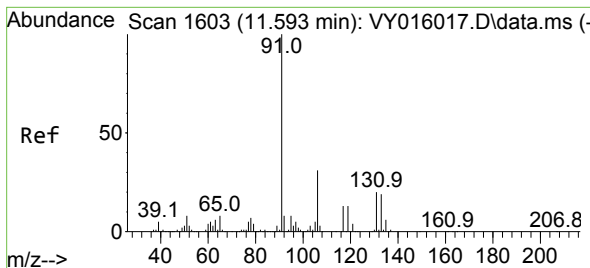
Tgt Ion:112 Resp: 13974
Ion Ratio Lower Upper
112 100
114 33.5 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 2.124 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY016024.D
Acq: 18 Oct 2023 16:54

Tgt Ion:131 Resp: 5110
Ion Ratio Lower Upper
131 100
133 98.8 47.5 142.6
119 70.5 31.6 94.7





#67

Ethyl Benzene

Concen: 2.076 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY016024.D

Acq: 18 Oct 2023 16:54

Instrument :

MSVOA_Y

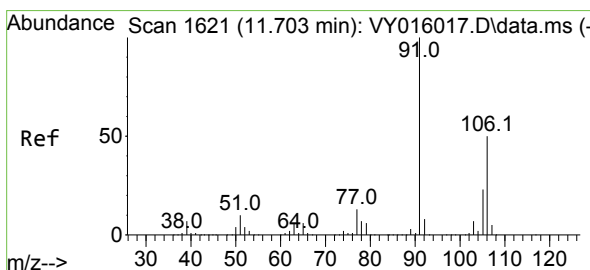
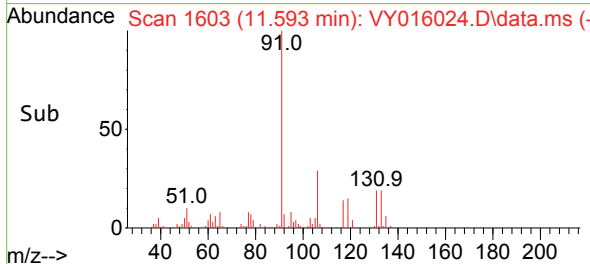
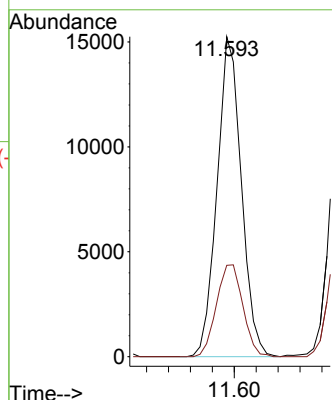
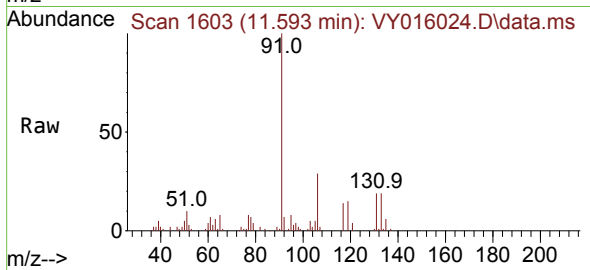
ClientSampleId :

Tgt Ion: 91 Resp: 23448

Ion Ratio Lower Upper

91 100

106 28.6 24.6 36.8



#68

m/p-Xylenes

Concen: 4.112 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY016024.D

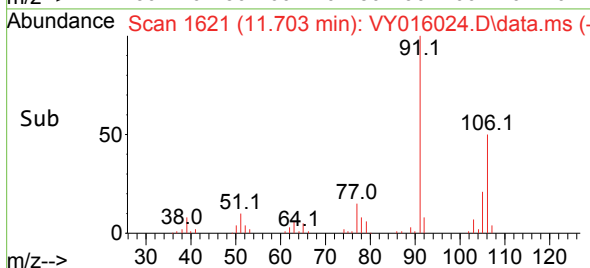
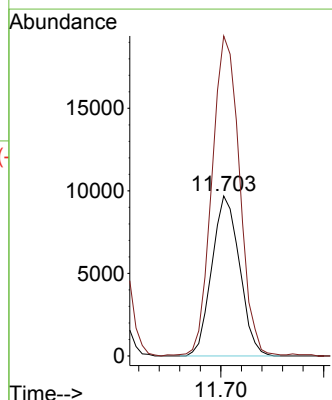
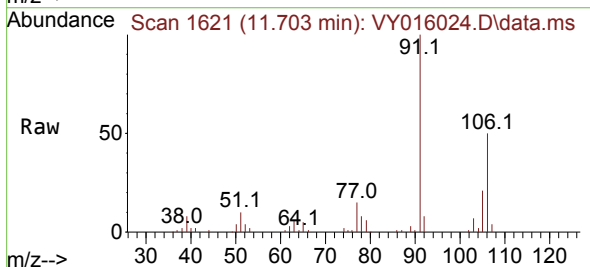
Acq: 18 Oct 2023 16:54

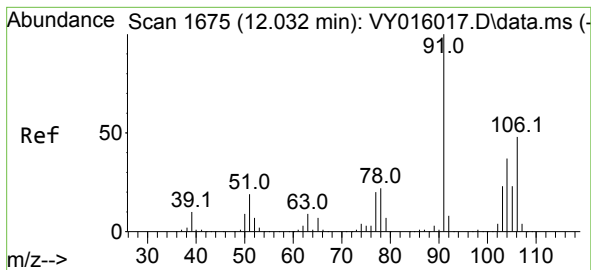
Tgt Ion: 106 Resp: 18113

Ion Ratio Lower Upper

106 100

91 199.8 166.1 249.1





#69

o-Xylene

Concen: 2.009 ug/l

RT: 12.032 min Scan# 1675

Delta R.T. -0.000 min

Lab File: VY016024.D

Acq: 18 Oct 2023 16:54

Instrument :

MSVOA_Y

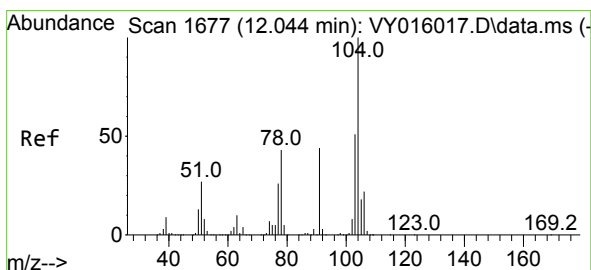
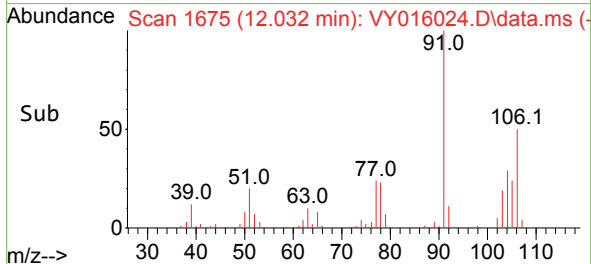
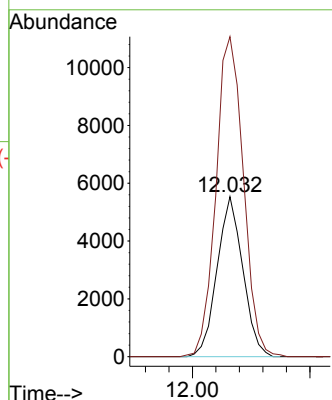
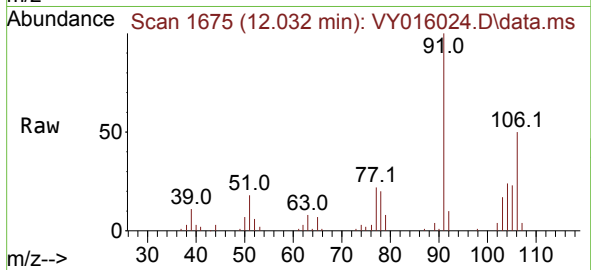
ClientSampleId :

Tgt Ion:106 Resp: 8420

Ion Ratio Lower Upper

106 100

91 213.3 108.1 324.3



#70

Styrene

Concen: 1.905 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. -0.000 min

Lab File: VY016024.D

Acq: 18 Oct 2023 16:54

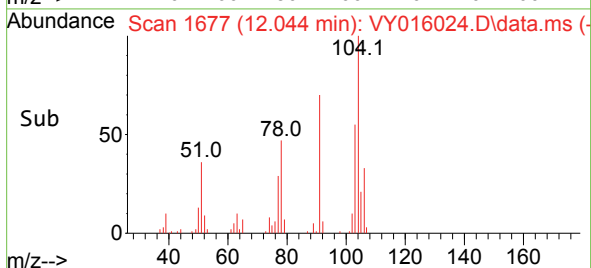
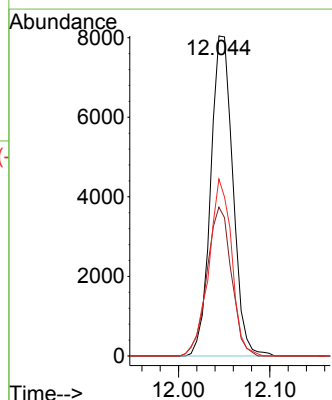
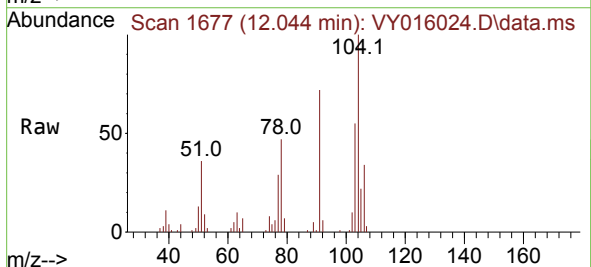
Tgt Ion:104 Resp: 13605

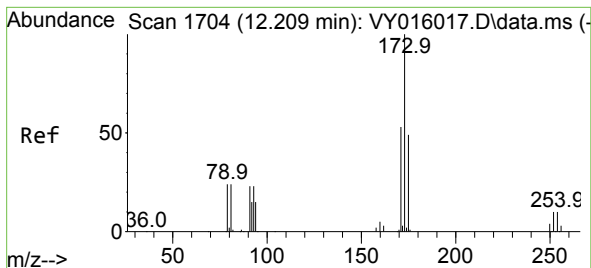
Ion Ratio Lower Upper

104 100

78 51.1 41.5 62.3

103 57.1 44.6 67.0





#71

Bromoform

Concen: 2.234 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. -0.000 min

Lab File: VY016024.D

Acq: 18 Oct 2023 16:54

Instrument :

MSVOA_Y

ClientSampleId :

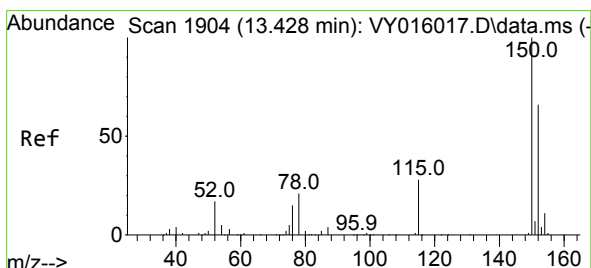
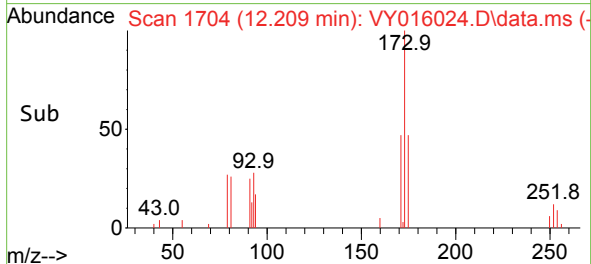
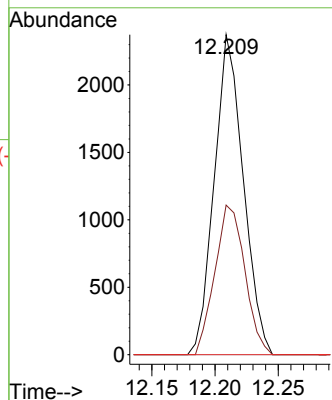
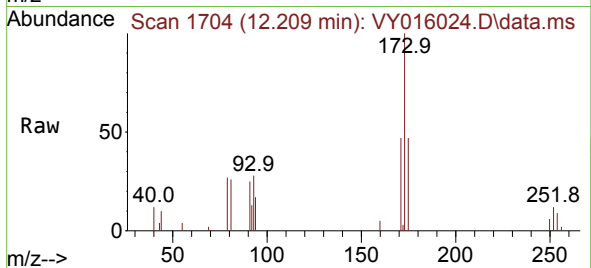
Tgt Ion:173 Resp: 3783

Ion Ratio Lower Upper

173 100

175 48.3 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY016024.D

Acq: 18 Oct 2023 16:54

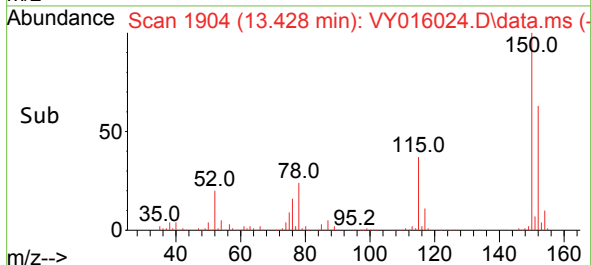
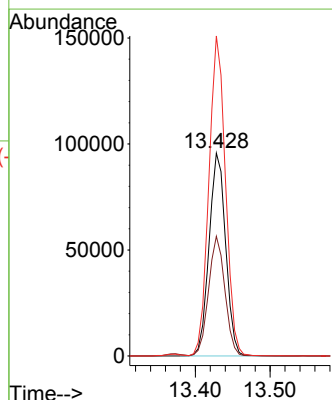
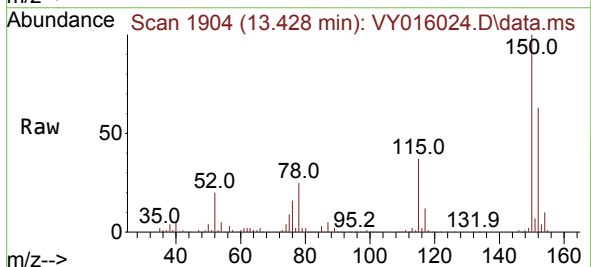
Tgt Ion:152 Resp: 147371

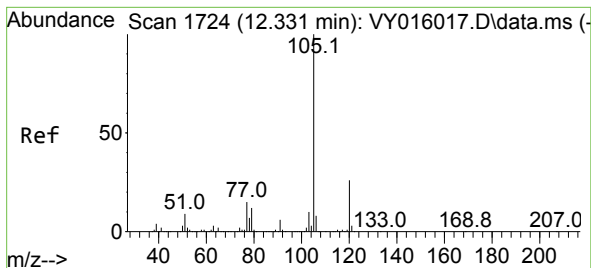
Ion Ratio Lower Upper

152 100

115 58.2 28.8 86.5

150 157.2 0.0 348.8





#73

Isopropylbenzene

Concen: 1.978 ug/l

RT: 12.331 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016024.D

Acq: 18 Oct 2023 16:54

Instrument :

MSVOA_Y

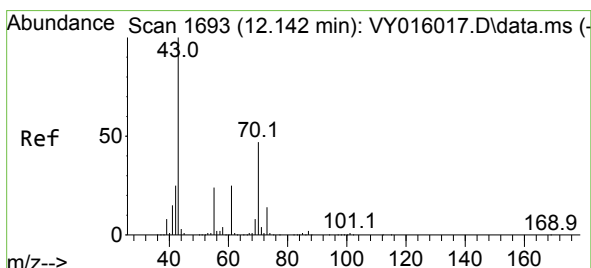
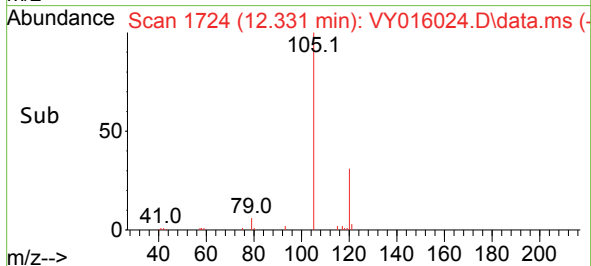
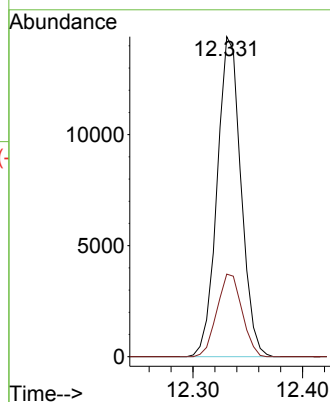
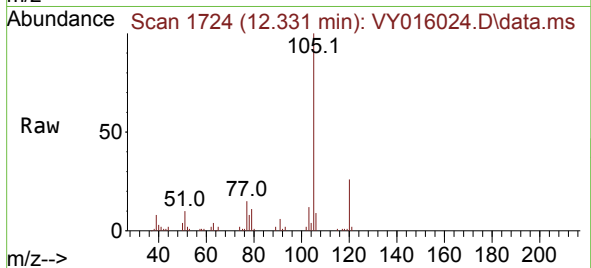
ClientSampleId :

Tgt Ion:105 Resp: 21801

Ion Ratio Lower Upper

105 100

120 27.0 13.3 39.9



#74

N-ethyl acetate

Concen: 2.163 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.006 min

Lab File: VY016024.D

Acq: 18 Oct 2023 16:54

Tgt Ion: 43 Resp: 7533

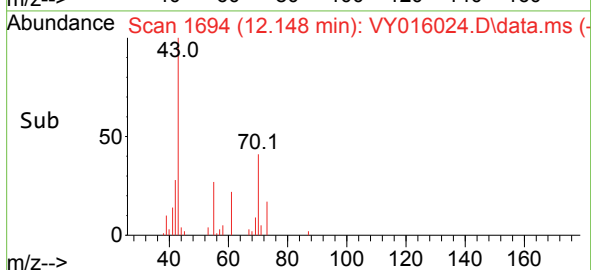
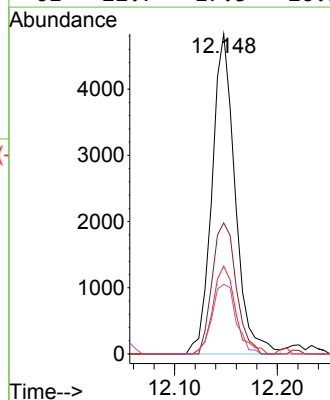
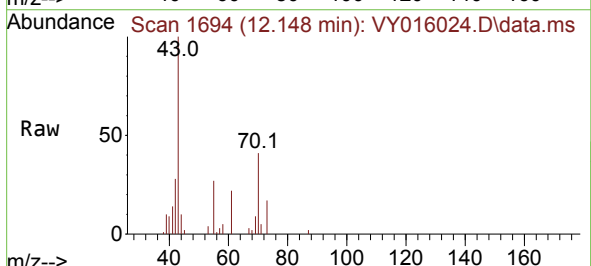
Ion Ratio Lower Upper

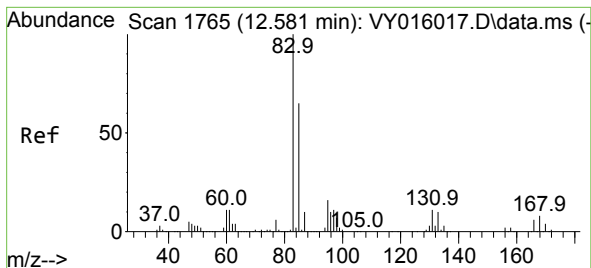
43 100

70 42.3 29.7 44.5

55 27.0 18.3 27.5

61 22.7 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 2.546 ug/l

RT: 12.587 min Scan# 1765

Delta R.T. 0.006 min

Lab File: VY016024.D

Acq: 18 Oct 2023 16:54

Instrument :

MSVOA_Y

ClientSampleId :

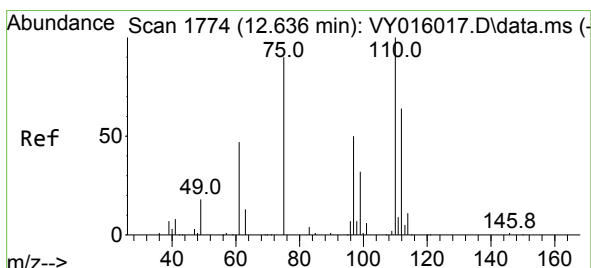
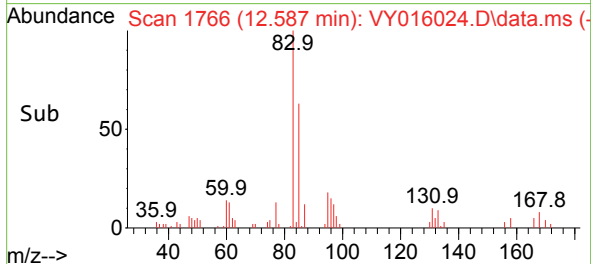
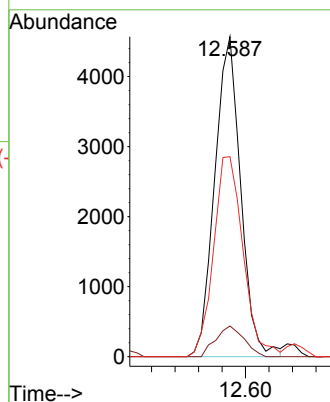
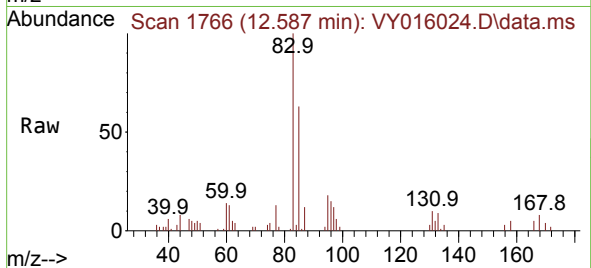
Tgt Ion: 83 Resp: 7030

Ion Ratio Lower Upper

83 100

131 10.4 5.4 16.2

85 70.9 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 4.471 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. -0.000 min

Lab File: VY016024.D

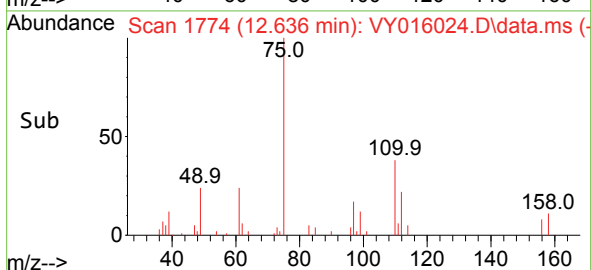
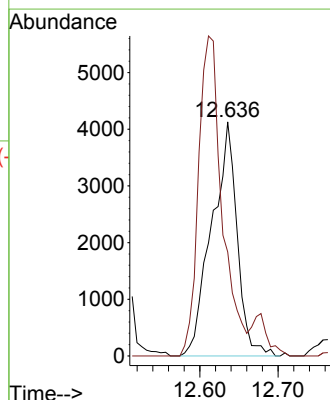
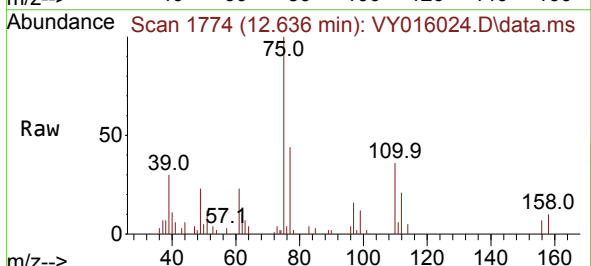
Acq: 18 Oct 2023 16:54

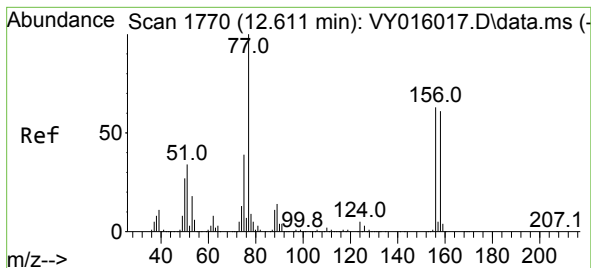
Tgt Ion: 75 Resp: 9329

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 2.258 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. -0.000 min

Lab File: VY016024.D

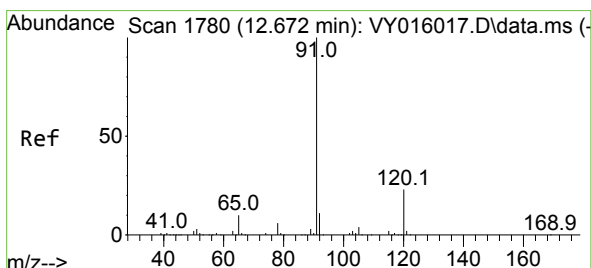
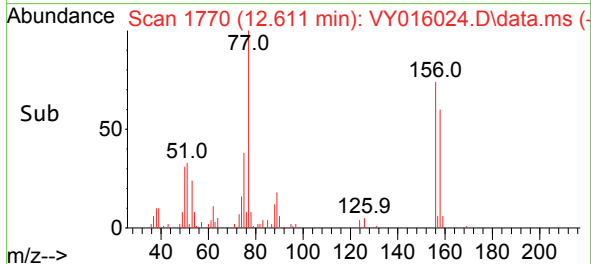
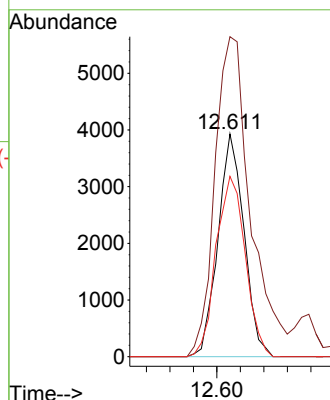
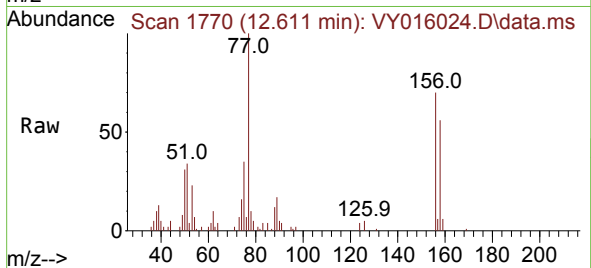
Acq: 18 Oct 2023 16:54

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	156	Resp:	6042
Ion Ratio	Lower	Upper	
156	100		
77	196.0	92.8	278.6
158	90.9	48.4	145.3



#78

n-propylbenzene

Concen: 2.059 ug/l

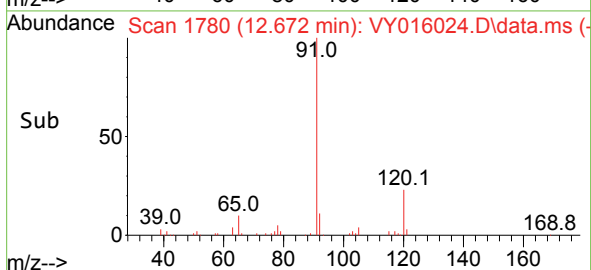
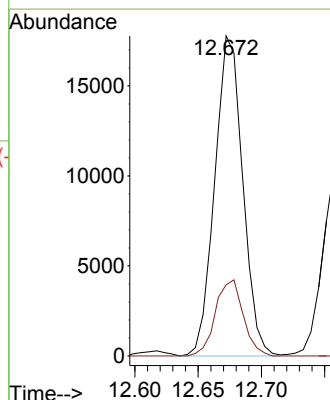
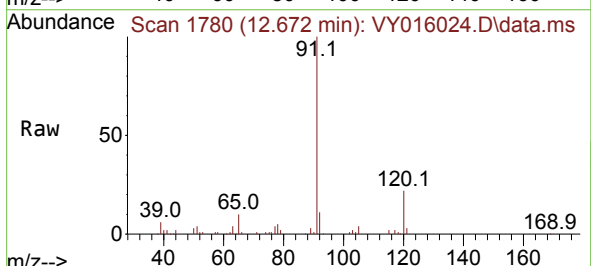
RT: 12.672 min Scan# 1780

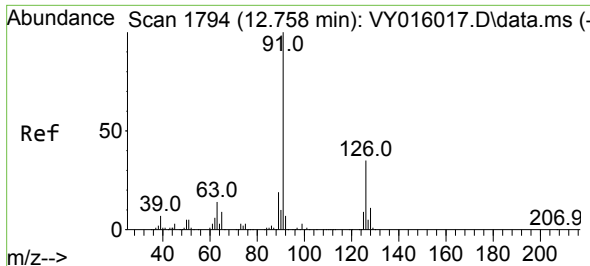
Delta R.T. -0.000 min

Lab File: VY016024.D

Acq: 18 Oct 2023 16:54

Tgt Ion:	91	Resp:	27346
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.5	34.4

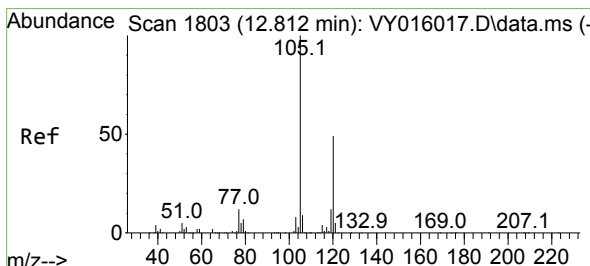
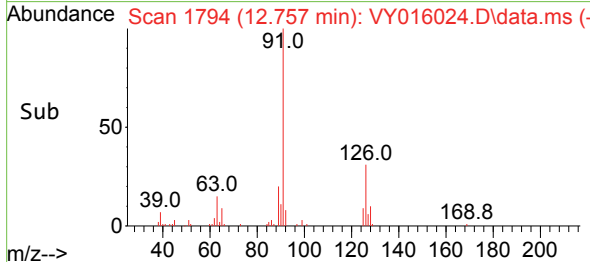
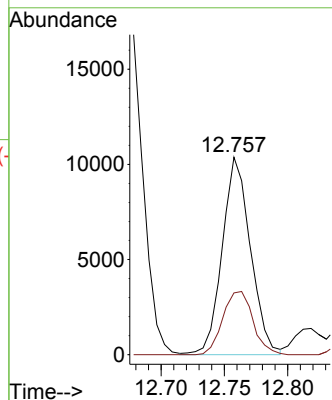
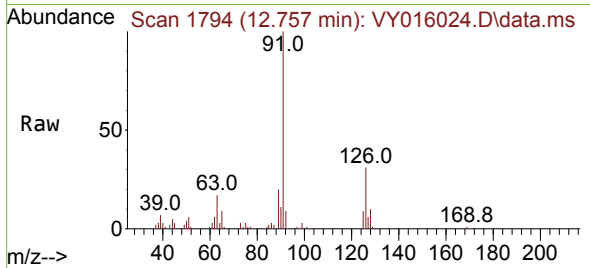




#79
2-Chlorotoluene
Concen: 2.164 ug/l
RT: 12.757 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016024.D
Acq: 18 Oct 2023 16:54

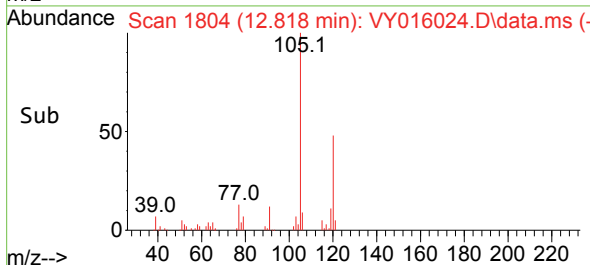
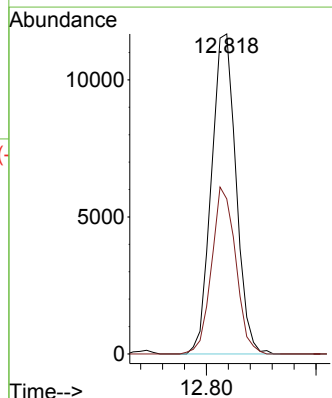
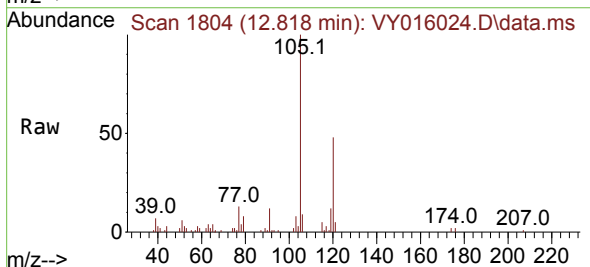
Instrument :
MSVOA_Y
ClientSampleId :

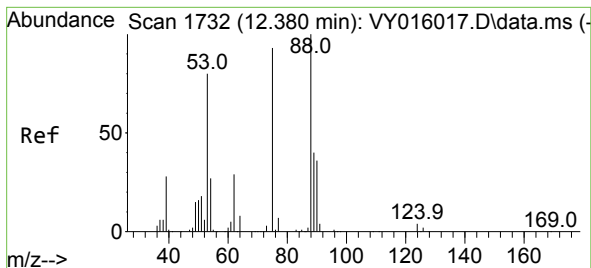
Tgt Ion: 91 Resp: 16127
Ion Ratio Lower Upper
91 100
126 34.1 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 1.989 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VY016024.D
Acq: 18 Oct 2023 16:54

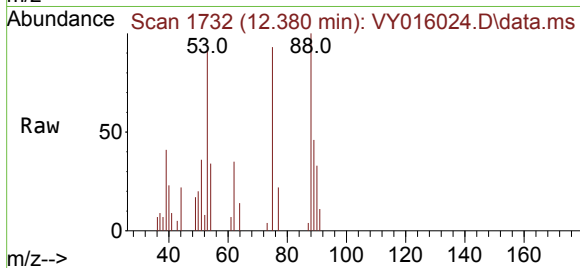
Tgt Ion: 105 Resp: 18166
Ion Ratio Lower Upper
105 100
120 51.1 23.9 71.7



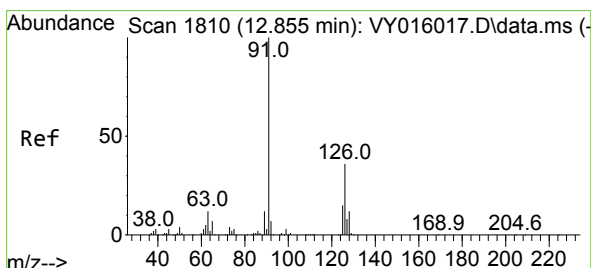
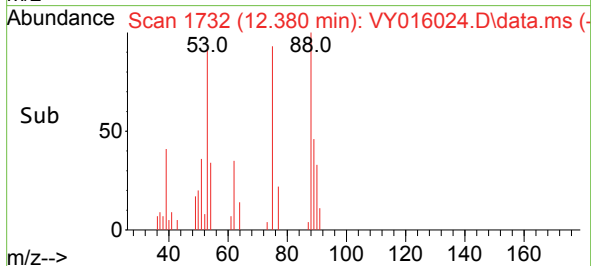
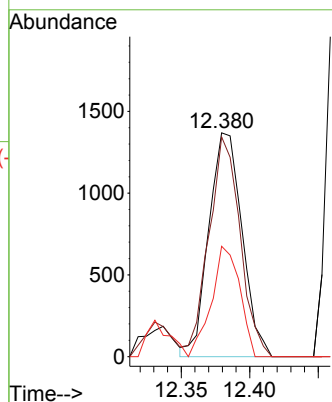


#81
trans-1,4-Dichloro-2-butene
Concen: 2.417 ug/l
RT: 12.380 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016024.D
Acq: 18 Oct 2023 16:54

Instrument :
MSVOA_Y
ClientSampleId :

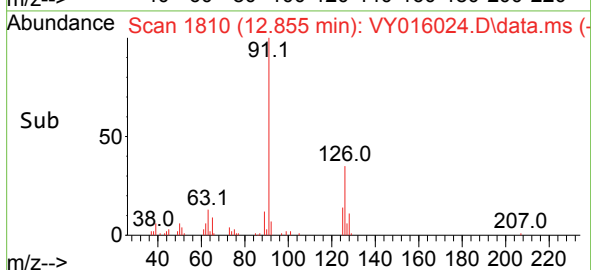
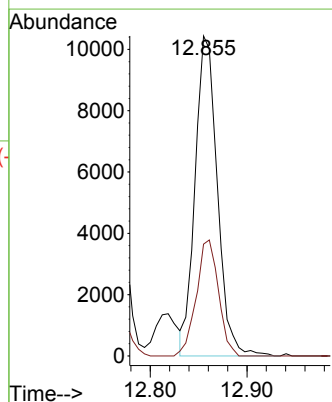
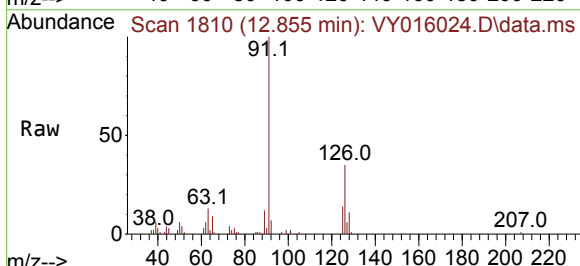


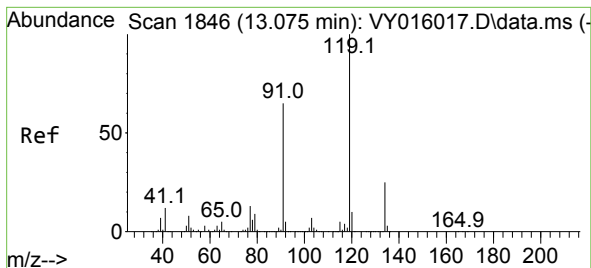
Tgt Ion:	75	Resp:	2310
Ion	Ratio	Lower	Upper
75	100		
53	92.4	77.8	116.8
89	41.9	37.4	56.0



#82
4-Chlorotoluene
Concen: 2.148 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY016024.D
Acq: 18 Oct 2023 16:54

Tgt Ion:	91	Resp:	16704
Ion	Ratio	Lower	Upper
91	100		
126	36.1	17.2	51.6





#83

tert-Butylbenzene

Concen: 2.045 ug/l

RT: 13.081 min Scan# 1847

Delta R.T. 0.006 min

Lab File: VY016024.D

Acq: 18 Oct 2023 16:54

Instrument :

MSVOA_Y

ClientSampleId :

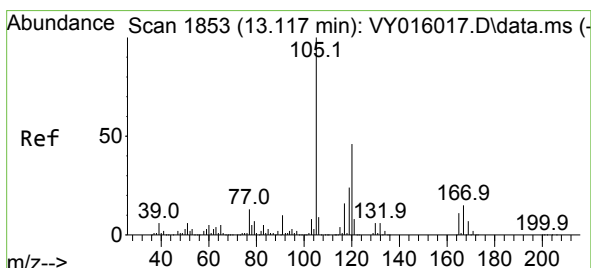
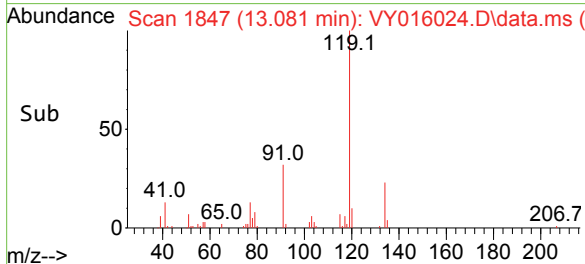
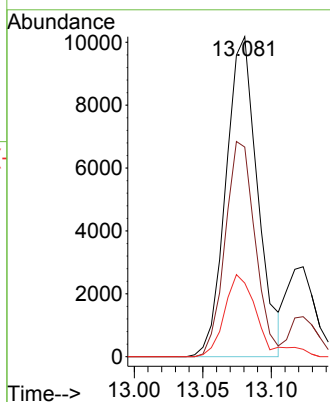
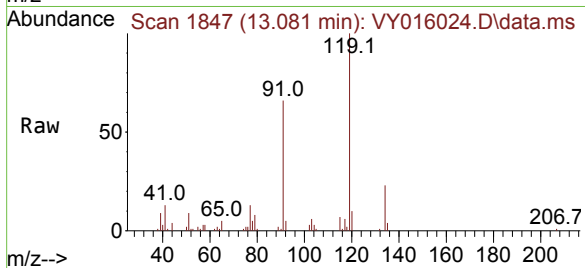
Tgt Ion:119 Resp: 16375

Ion Ratio Lower Upper

119 100

91 63.7 32.9 98.6

134 25.6 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 1.996 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY016024.D

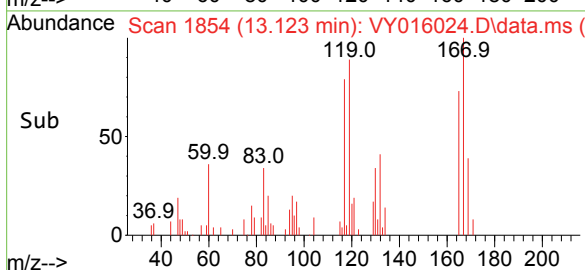
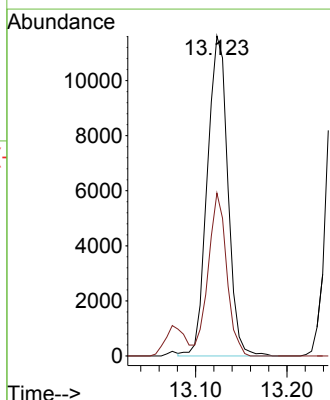
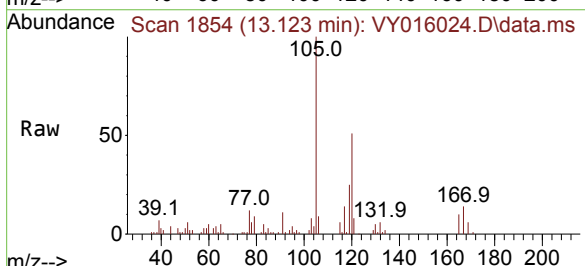
Acq: 18 Oct 2023 16:54

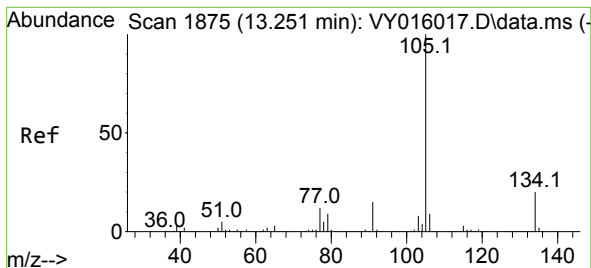
Tgt Ion:105 Resp: 18099

Ion Ratio Lower Upper

105 100

120 45.5 22.2 66.6





#85

sec-Butylbenzene

Concen: 2.010 ug/l

RT: 13.257 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VY016024.D

Acq: 18 Oct 2023 16:54

Instrument :

MSVOA_Y

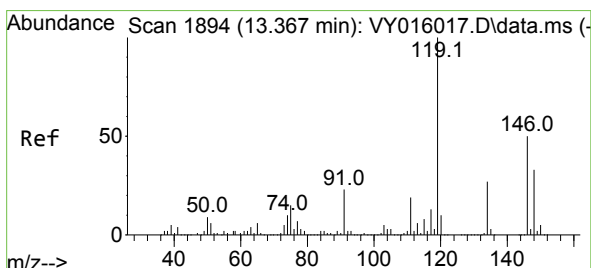
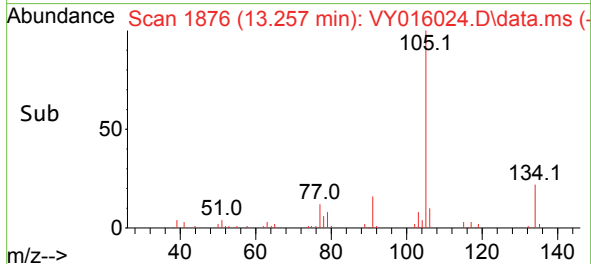
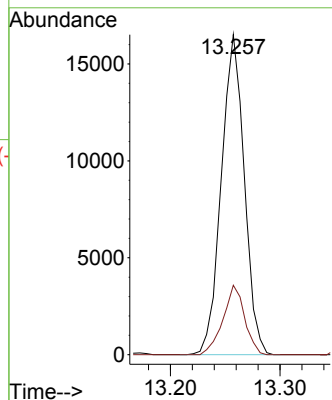
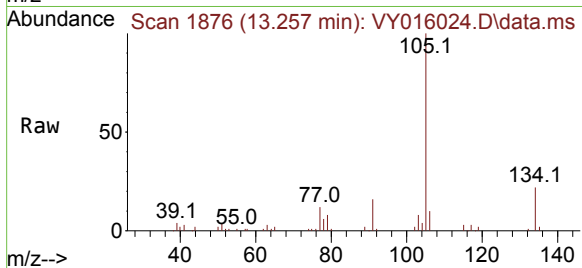
ClientSampleId :

Tgt Ion:105 Resp: 24037

Ion Ratio Lower Upper

105 100

134 20.4 10.2 30.6



#86

p-Isopropyltoluene

Concen: 1.878 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY016024.D

Acq: 18 Oct 2023 16:54

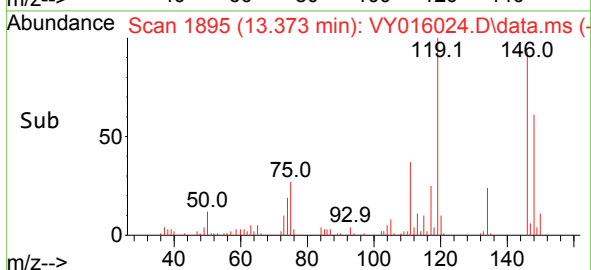
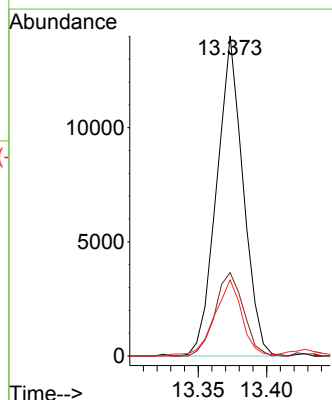
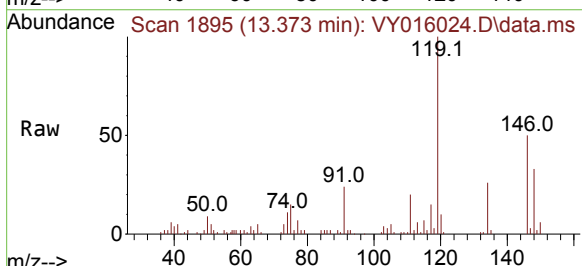
Tgt Ion:119 Resp: 18768

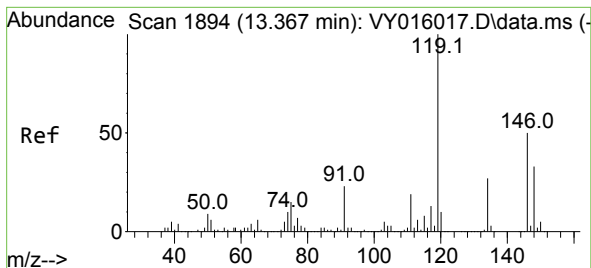
Ion Ratio Lower Upper

119 100

134 28.0 13.3 39.8

91 24.6 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 2.274 ug/l

RT: 13.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016024.D

Acq: 18 Oct 2023 16:54

Instrument :

MSVOA_Y

ClientSampleId :

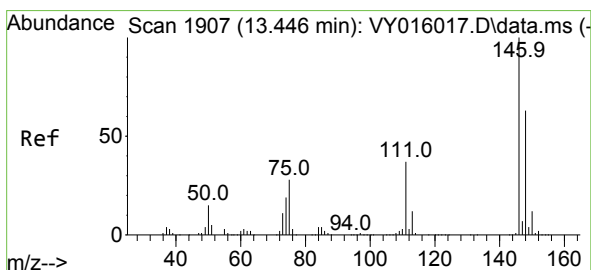
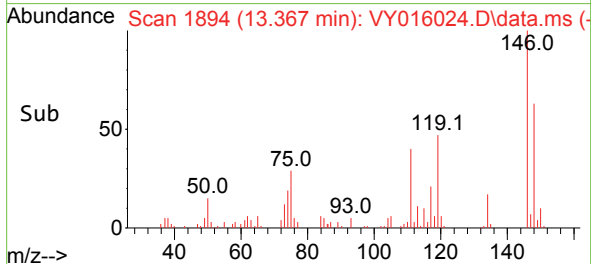
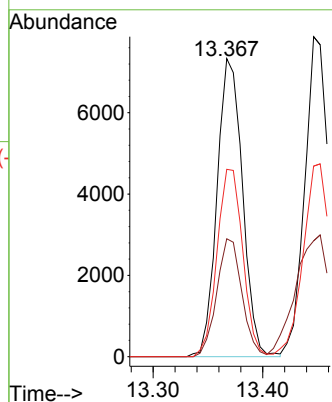
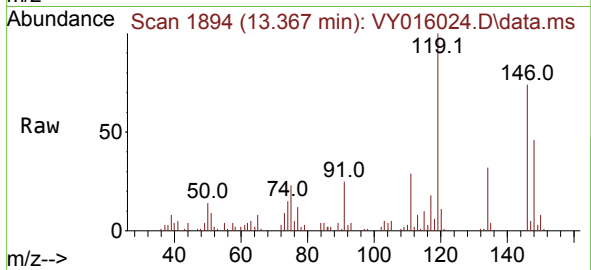
Tgt Ion:146 Resp: 11839

Ion Ratio Lower Upper

146 100

111 39.0 19.4 58.2

148 63.8 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 2.341 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY016024.D

Acq: 18 Oct 2023 16:54

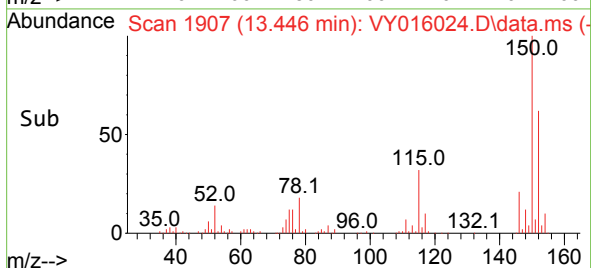
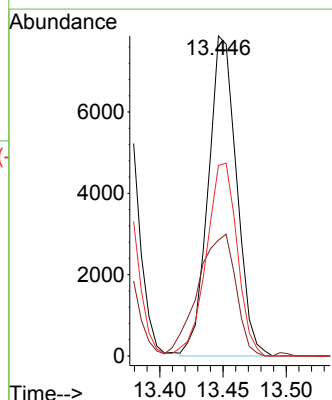
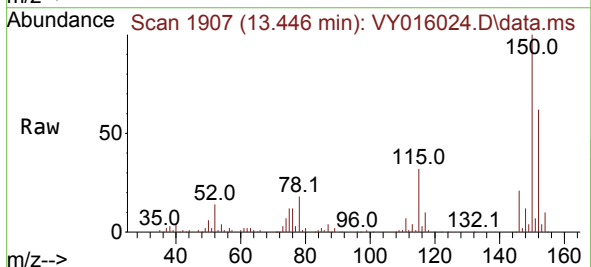
Tgt Ion:146 Resp: 12271

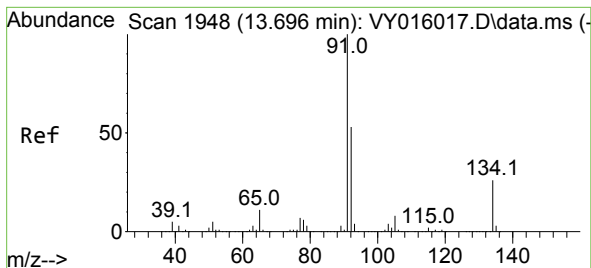
Ion Ratio Lower Upper

146 100

111 51.0 18.9 56.7

148 65.4 32.1 96.5





#89

n-Butylbenzene

Concen: 2.027 ug/l

RT: 13.702 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY016024.D

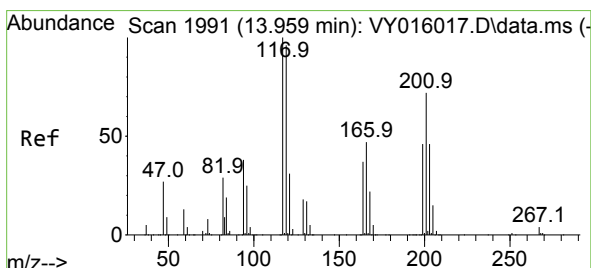
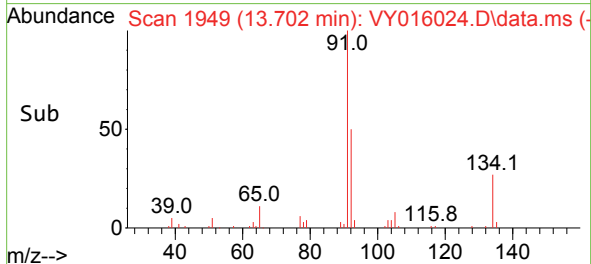
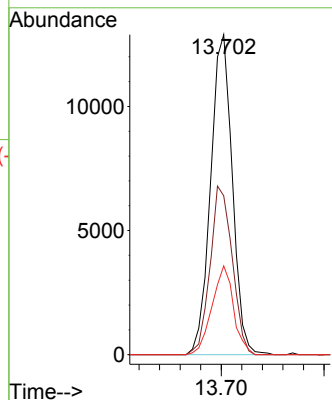
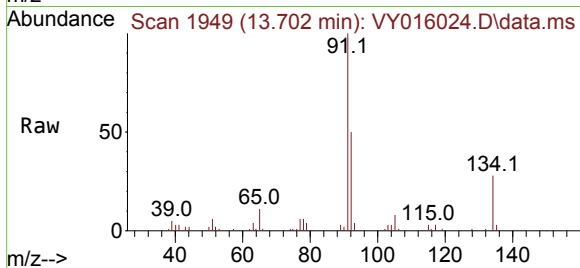
Acq: 18 Oct 2023 16:54

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 91	Resp: 18858
Ion Ratio	Lower Upper
91	100
92	53.7 25.4 76.0
134	27.6 12.6 37.6



#90

Hexachloroethane

Concen: 2.105 ug/l

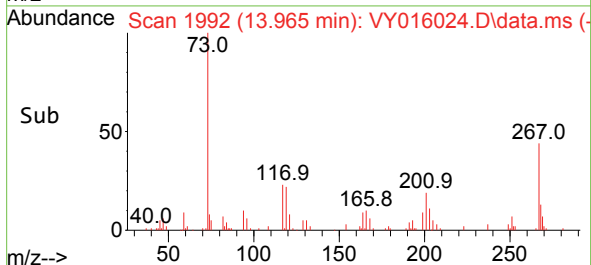
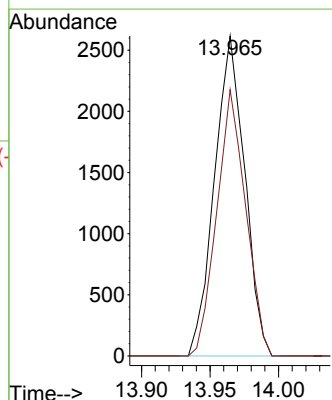
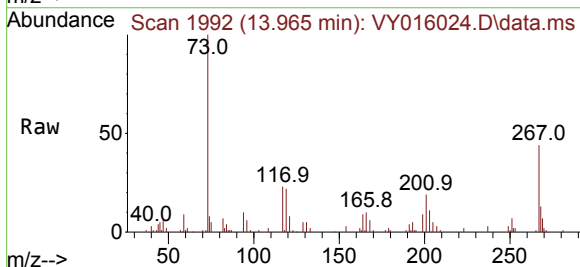
RT: 13.965 min Scan# 1992

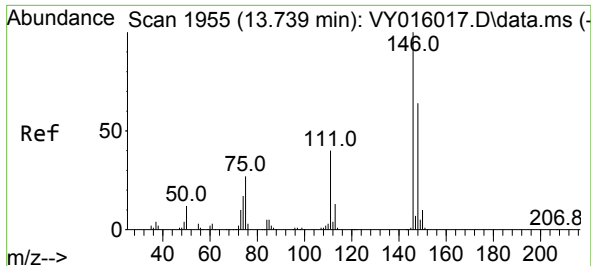
Delta R.T. 0.006 min

Lab File: VY016024.D

Acq: 18 Oct 2023 16:54

Tgt Ion: 117	Resp: 4010
Ion Ratio	Lower Upper
117	100
201	79.8 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 2.283 ug/l

RT: 13.745 min Scan# 1955

Delta R.T. 0.006 min

Lab File: VY016024.D

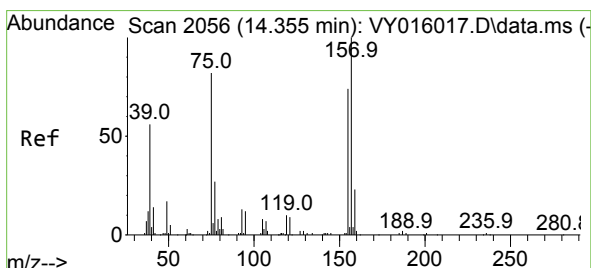
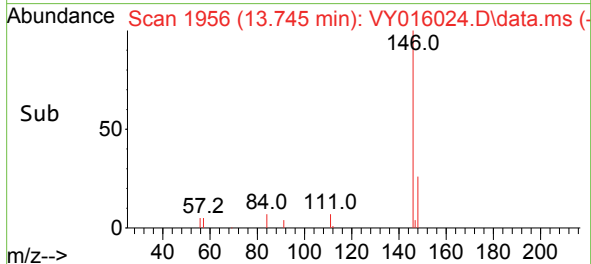
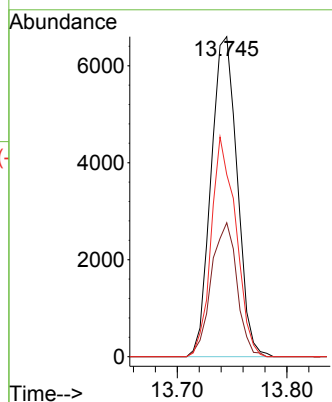
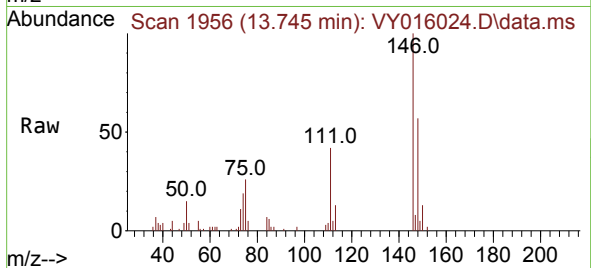
Acq: 18 Oct 2023 16:54

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	146	Resp:	10914
Ion	Ratio	Lower	Upper
146	100		
111	41.3	19.7	59.0
148	64.8	32.0	96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 3.027 ug/l

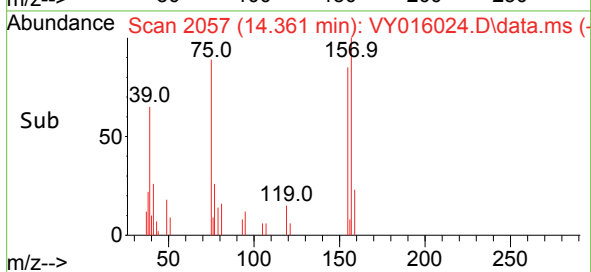
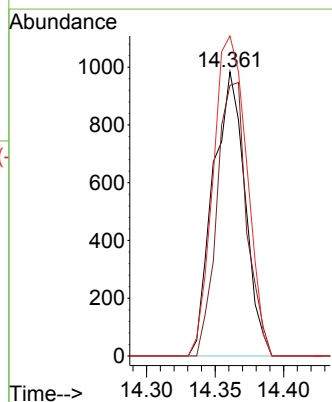
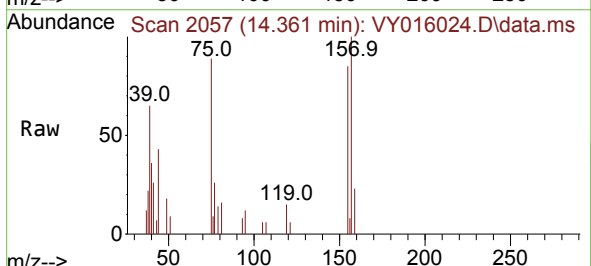
RT: 14.361 min Scan# 2057

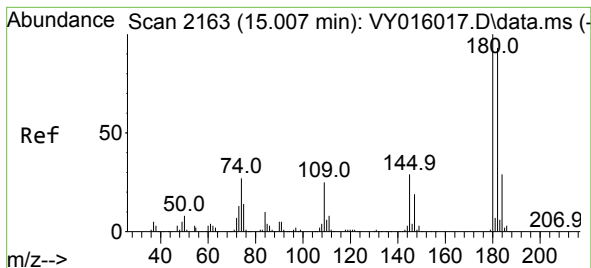
Delta R.T. 0.006 min

Lab File: VY016024.D

Acq: 18 Oct 2023 16:54

Tgt Ion:	75	Resp:	1591
Ion	Ratio	Lower	Upper
75	100		
155	90.3	41.5	124.6
157	119.2	51.8	155.5





#93

1,2,4-Trichlorobenzene

Concen: 2.397 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.006 min

Lab File: VY016024.D

Acq: 18 Oct 2023 16:54

Instrument :

MSVOA_Y

ClientSampleId :

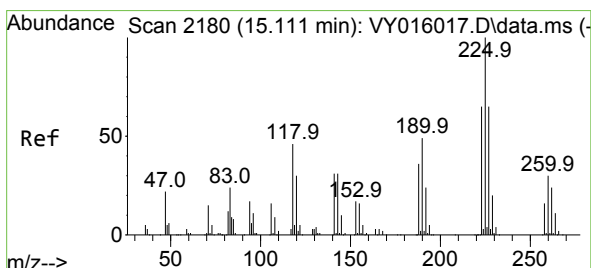
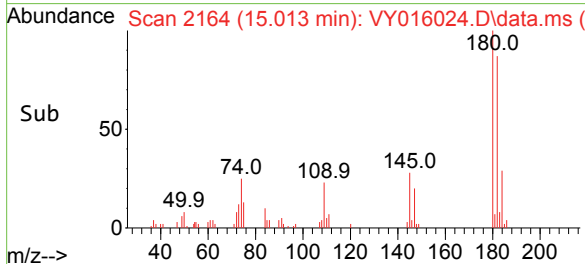
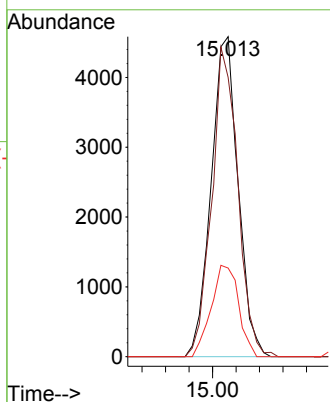
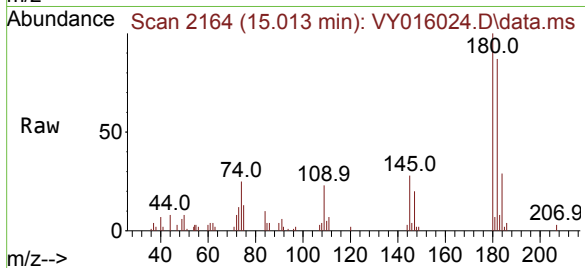
Tgt Ion:180 Resp: 7299

Ion Ratio Lower Upper

180 100

182 93.2 47.0 141.2

145 28.9 14.5 43.5



#94

Hexachlorobutadiene

Concen: 2.274 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY016024.D

Acq: 18 Oct 2023 16:54

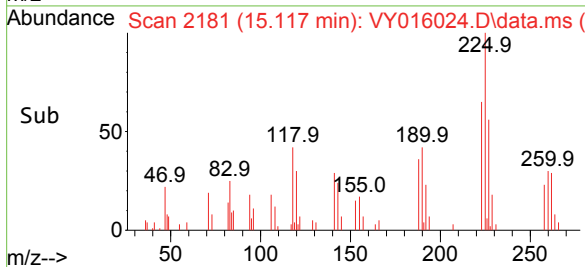
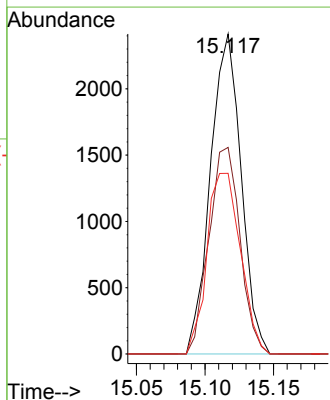
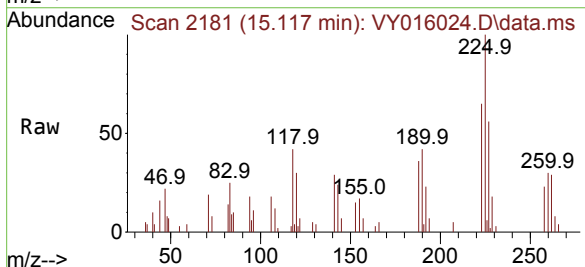
Tgt Ion:225 Resp: 3761

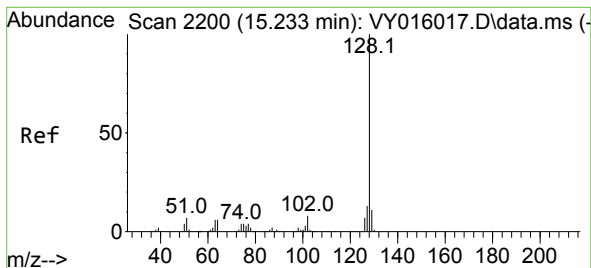
Ion Ratio Lower Upper

225 100

223 65.5 31.9 95.9

227 61.8 33.0 98.9





#95

Naphthalene

Concen: 2.693 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY016024.D

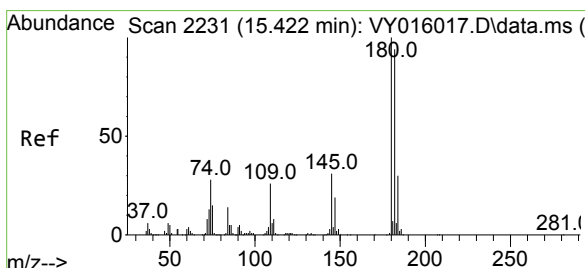
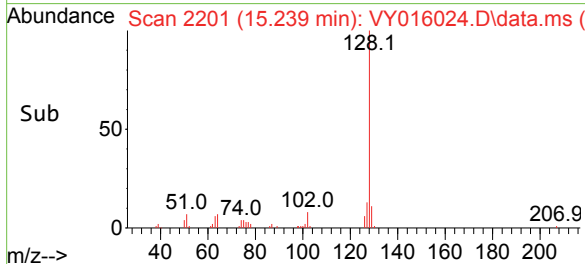
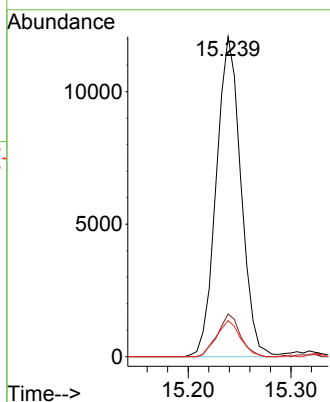
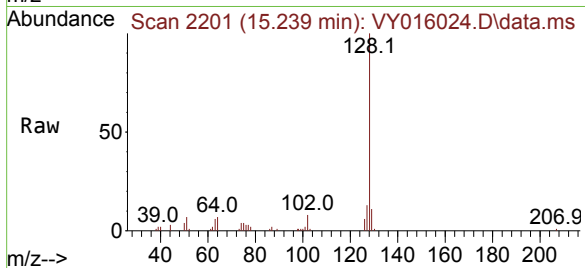
Acq: 18 Oct 2023 16:54

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp:	20125
Ion Ratio	Lower	Upper
128	100	
127	12.2	10.8 16.2
129	11.1	8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 2.529 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY016024.D

Acq: 18 Oct 2023 16:54

Tgt Ion:180	Resp:	7034
Ion Ratio	Lower	Upper
180	100	
182	92.9	47.3 141.8
145	32.4	15.4 46.2

