

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102623\
 Data File : VY016075.D
 Acq On : 26 Oct 2023 11:35
 Operator : SY/MD
 Sample : VSTDIC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 27 03:55:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 27 03:53:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	203327	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	334418	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	295701	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	140199	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	8579	4.243	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	8.480%#
35) Dibromofluoromethane	7.716	113	8808	4.172	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	8.340%#
50) Toluene-d8	10.179	98	32116	4.107	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	8.220%#
62) 4-Bromofluorobenzene	12.483	95	11304	4.214	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	8.420%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	7207	5.136	ug/l	97
3) Chloromethane	2.119	50	8932	5.195	ug/l	96
4) Vinyl Chloride	2.253	62	9933	5.057	ug/l	94
5) Bromomethane	2.656	94	7416	5.079	ug/l	94
6) Chloroethane	2.796	64	6845	5.087	ug/l	89
7) Trichlorofluoromethane	3.125	101	16176	5.146	ug/l	100
8) Diethyl Ether	3.533	74	5123	4.862	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.899	101	9762	5.148	ug/l	97
10) Methyl Iodide	4.088	142	11431	4.718	ug/l	97
11) Tert butyl alcohol	4.948	59	8790	9.082	ug/l #	95
12) 1,1-Dichloroethene	3.875	96	8533	4.911	ug/l	85
13) Acrolein	3.722	56	6126	24.327	ug/l	99
14) Allyl chloride	4.478	41	13013	4.791	ug/l #	91
15) Acrylonitrile	5.167	53	12000	23.216	ug/l	95
16) Acetone	3.954	43	13445	24.535	ug/l	97
17) Carbon Disulfide	4.198	76	24116	5.018	ug/l	96
18) Methyl Acetate	4.478	43	9020	4.655	ug/l #	91
19) Methyl tert-butyl Ether	5.222	73	23387	4.720	ug/l	98
20) Methylene Chloride	4.716	84	18281	3.096	ug/l	88
21) trans-1,2-Dichloroethene	5.216	96	10187	5.058	ug/l	95
22) Diisopropyl ether	6.118	45	28176	4.744	ug/l	96
23) Vinyl Acetate	6.064	43	71730	22.543	ug/l	95
24) 1,1-Dichloroethane	6.015	63	17486	4.887	ug/l	94
25) 2-Butanone	6.984	43	18035	24.384	ug/l	98
26) 2,2-Dichloropropane	6.978	77	17856	5.368	ug/l	96
27) cis-1,2-Dichloroethene	6.978	96	11894	5.029	ug/l	94
28) Bromochloromethane	7.338	49	7166	4.896	ug/l #	90
29) Tetrahydrofuran	7.350	42	9371	22.083	ug/l	89
30) Chloroform	7.502	83	18620	4.926	ug/l	94
31) Cyclohexane	7.789	56	18109	5.693	ug/l #	70
32) 1,1,1-Trichloroethane	7.703	97	17023	5.021	ug/l	96
36) 1,1-Dichloropropene	7.917	75	14820	5.036	ug/l	98
37) Ethyl Acetate	7.082	43	7103	4.709	ug/l #	94
38) Carbon Tetrachloride	7.899	117	15371	4.939	ug/l	95
39) Methylcyclohexane	9.185	83	17183	4.793	ug/l	93
40) Benzene	8.161	78	40706	4.886	ug/l	97

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 Sample : VSTDIC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 27 03:55:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 27 03:53:49 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	8937	11.321	ug/l #	17
42) 1,2-Dichloroethane	8.234	62	11492	4.773	ug/l	93
43) Isopropyl Acetate	8.270	43	12642	4.483	ug/l #	90
44) Trichloroethene	8.941	130	11321	4.866	ug/l	97
45) 1,2-Dichloropropane	9.215	63	10346	4.906	ug/l	92
46) Dibromomethane	9.307	93	5732	4.636	ug/l	96
47) Bromodichloromethane	9.496	83	14464	4.837	ug/l	97
48) Methyl methacrylate	9.289	41	5691	4.380	ug/l	91
49) 1,4-Dioxane	9.295	88	1314	84.942	ug/l #	64
51) 4-Methyl-2-Pentanone	10.069	43	31881	21.423	ug/l	89
52) Toluene	10.246	92	25574	4.780	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	14059	4.598	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	15871	4.590	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	8680	4.941	ug/l	94
56) Ethyl methacrylate	10.508	69	9287	4.113	ug/l #	87
57) 1,3-Dichloropropane	10.788	76	13751	4.683	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	23603	21.000	ug/l	94
59) 2-Hexanone	10.831	43	23264	21.222	ug/l	89
60) Dibromochloromethane	10.983	129	10191	4.737	ug/l	98
61) 1,2-Dibromoethane	11.087	107	7659	4.553	ug/l	95
64) Tetrachloroethene	10.721	164	9565	4.888	ug/l	93
65) Chlorobenzene	11.514	112	28536	4.911	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	10224	4.711	ug/l	97
67) Ethyl Benzene	11.593	91	49093	4.756	ug/l	96
68) m/p-Xylenes	11.703	106	37371	9.356	ug/l	97
69) o-Xylene	12.026	106	17795	4.654	ug/l	96
70) Styrene	12.044	104	28861	4.528	ug/l	97
71) Bromoform	12.209	173	6067	4.590	ug/l #	98
73) Isopropylbenzene	12.331	105	47847	4.849	ug/l	100
74) N-amyl acetate	12.142	43	10510	4.369	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	9630	4.775	ug/l	97
76) 1,2,3-Trichloropropane	12.635	75	11742	8.147	ug/l #	100
77) Bromobenzene	12.611	156	11425	4.962	ug/l	99
78) n-propylbenzene	12.672	91	58081	4.862	ug/l	99
79) 2-Chlorotoluene	12.757	91	33216	4.964	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	39419	4.812	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	2900	4.403	ug/l	95
82) 4-Chlorotoluene	12.855	91	34135	4.919	ug/l	98
83) tert-Butylbenzene	13.074	119	34872	4.789	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	38165	4.717	ug/l	98
85) sec-Butylbenzene	13.251	105	52791	4.868	ug/l	100
86) p-Isopropyltoluene	13.367	119	43392	4.795	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	23551	5.065	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	23493	5.112	ug/l	95
89) n-Butylbenzene	13.696	91	40122	4.753	ug/l	97
90) Hexachloroethane	13.958	117	8641	4.904	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	20077	4.877	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	1466	4.630	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	11972	4.701	ug/l	98
94) Hexachlorobutadiene	15.111	225	7109	4.809	ug/l	100
95) Naphthalene	15.233	128	21306	4.289	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	10166	4.628	ug/l	99

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Operator : SY/MD
Sample : VSTDIC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

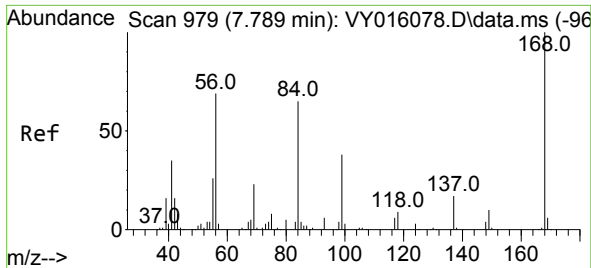
Quant Time: Oct 27 03:55:48 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
Quant Title : SW846 8260
QLast Update : Fri Oct 27 03:53:49 2023
Response via : Initial Calibration

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

Quant Time: Oct 27 03:55:48 2023
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Quant Title : SW846 8260
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Response via : Initial Calibration

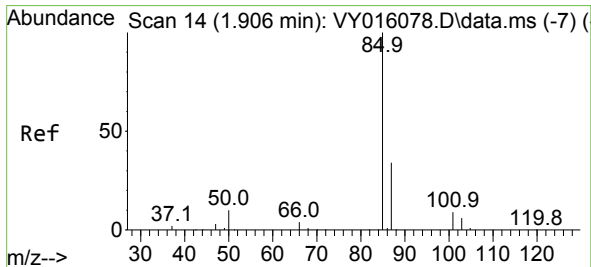
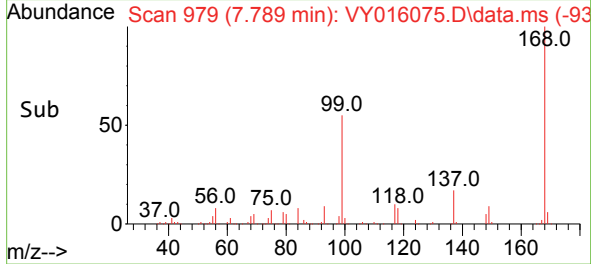
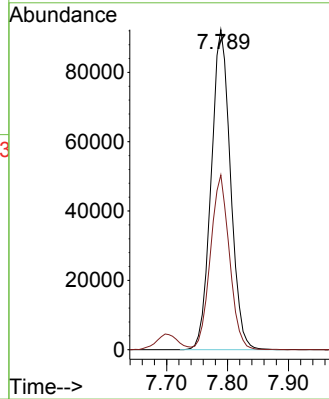
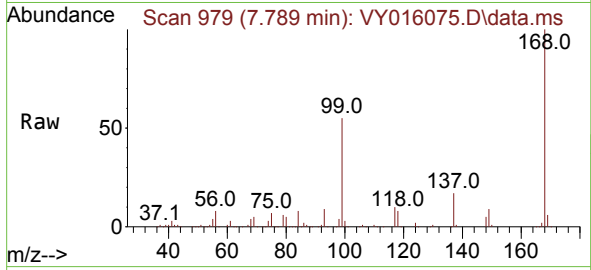




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016075.D
Acq: 26 Oct 2023 11:35

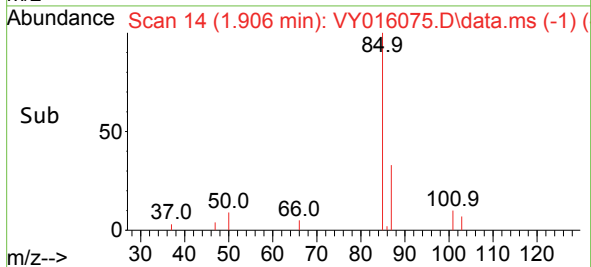
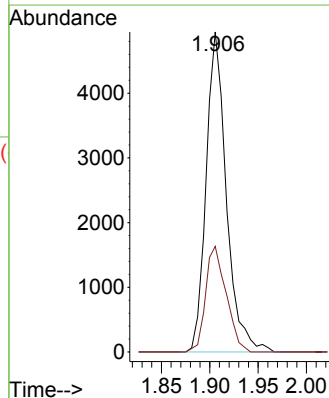
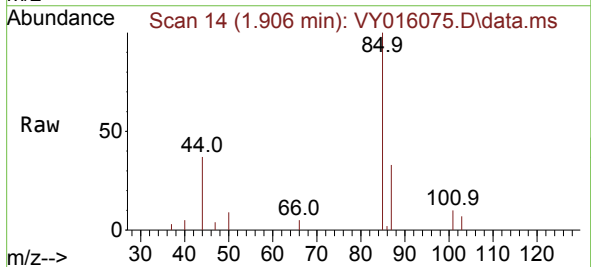
Instrument :
MSVOA_Y
ClientSampleId :

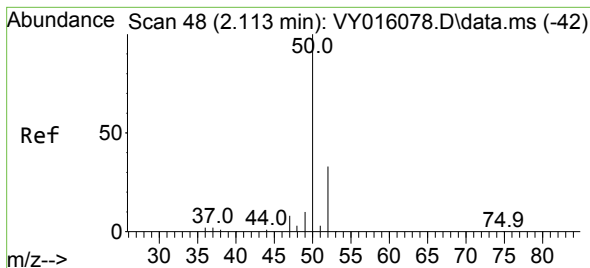
Tgt Ion:168 Resp: 203327
Ion Ratio Lower Upper
168 100
99 54.5 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 5.136 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY016075.D
Acq: 26 Oct 2023 11:35

Tgt Ion: 85 Resp: 7207
Ion Ratio Lower Upper
85 100
87 33.0 15.6 46.8





#3

Chloromethane

Concen: 5.195 ug/l

RT: 2.119 min Scan# 49

Delta R.T. 0.006 min

Lab File: VY016075.D

Acq: 26 Oct 2023 11:35

Instrument :

MSVOA_Y

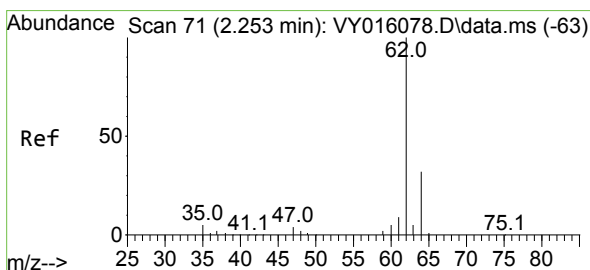
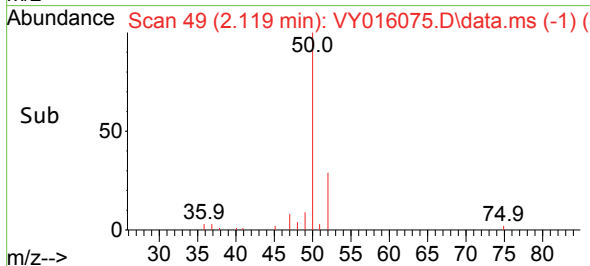
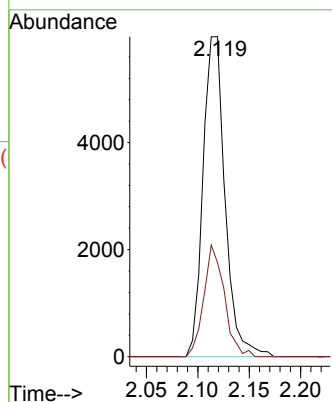
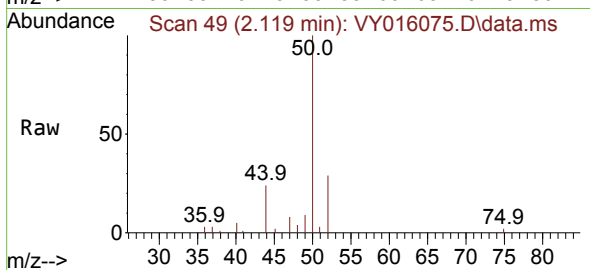
ClientSampleId :

Tgt Ion: 50 Resp: 8932

Ion Ratio Lower Upper

50 100

52 29.4 25.4 38.2



#4

Vinyl Chloride

Concen: 5.057 ug/l

RT: 2.253 min Scan# 71

Delta R.T. -0.000 min

Lab File: VY016075.D

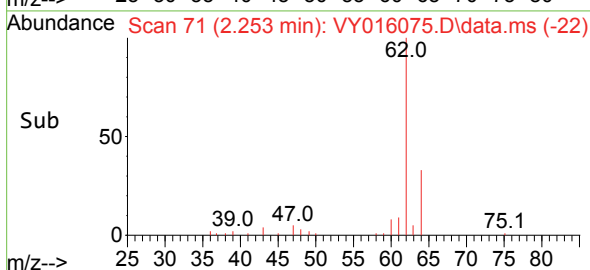
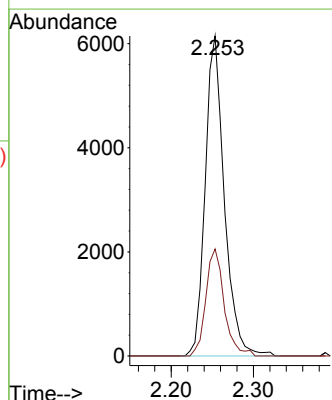
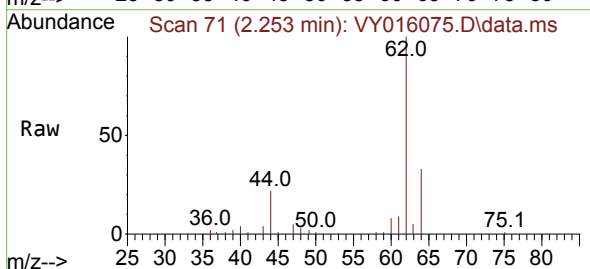
Acq: 26 Oct 2023 11:35

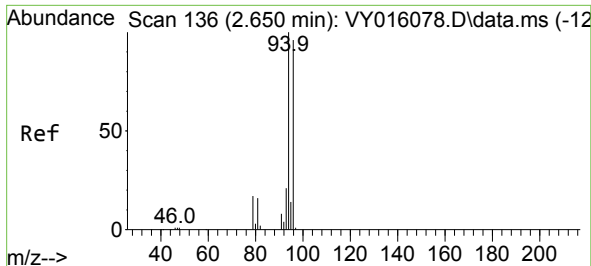
Tgt Ion: 62 Resp: 9933

Ion Ratio Lower Upper

62 100

64 33.5 24.3 36.5





#5

Bromomethane

Concen: 5.079 ug/l

RT: 2.656 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016075.D

Acq: 26 Oct 2023 11:35

Instrument :

MSVOA_Y

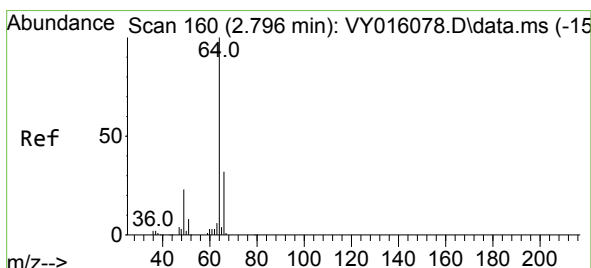
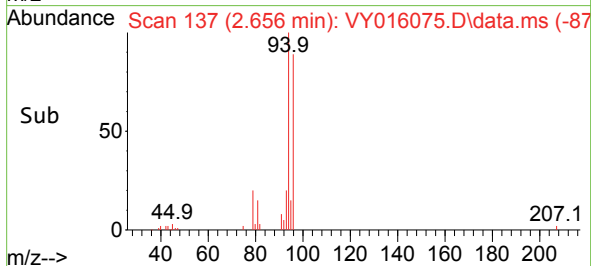
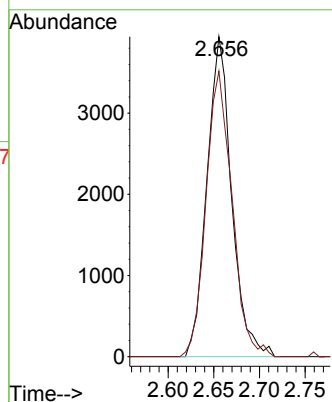
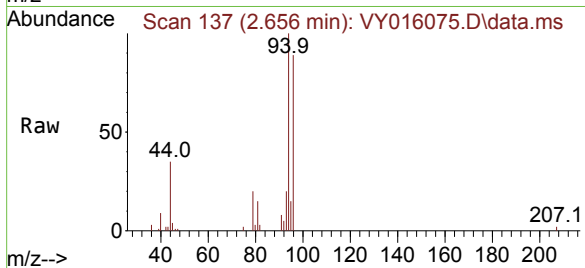
ClientSampleId :

Tgt Ion: 94 Resp: 7416

Ion Ratio Lower Upper

94 100

96 89.2 75.8 113.6



#6

Chloroethane

Concen: 5.087 ug/l

RT: 2.796 min Scan# 160

Delta R.T. -0.000 min

Lab File: VY016075.D

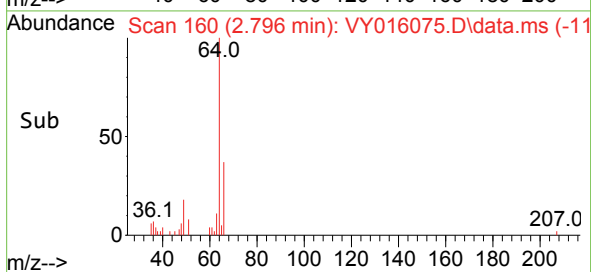
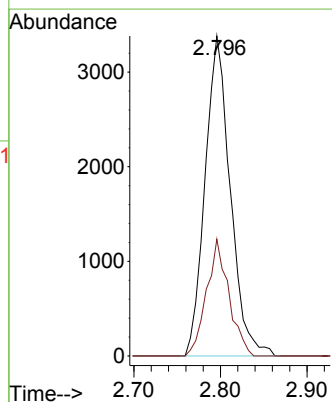
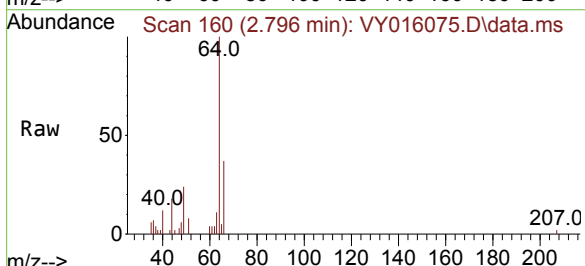
Acq: 26 Oct 2023 11:35

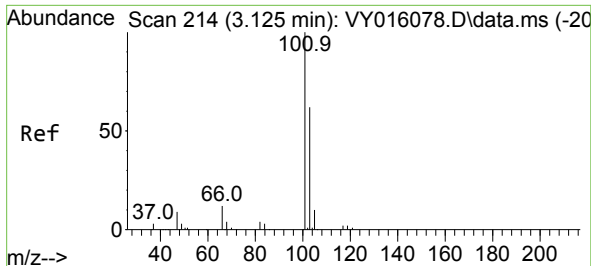
Tgt Ion: 64 Resp: 6845

Ion Ratio Lower Upper

64 100

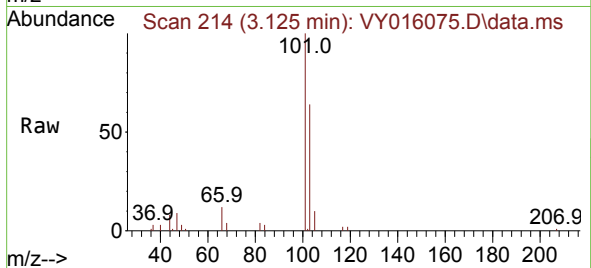
66 36.5 24.4 36.6



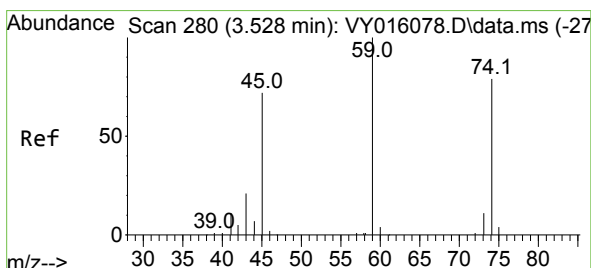
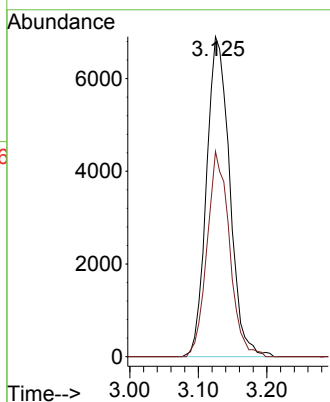
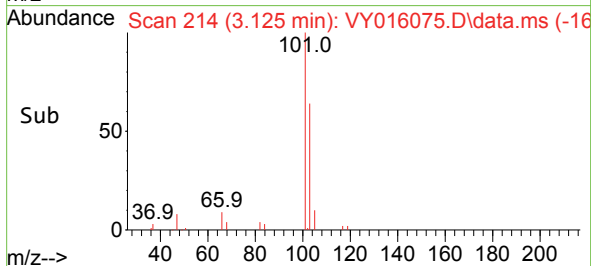


#7
 Trichlorofluoromethane
 Concen: 5.146 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. -0.000 min
 Lab File: VY016075.D
 Acq: 26 Oct 2023 11:35

Instrument :
 MSVOA_Y
 ClientSampleId :

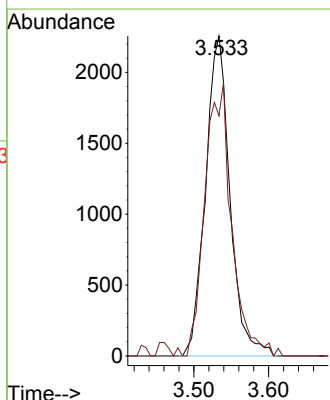
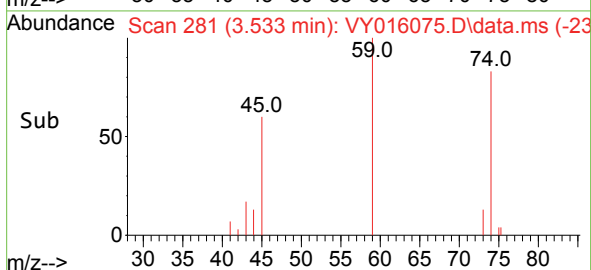
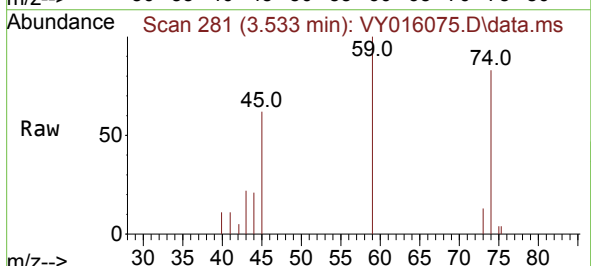


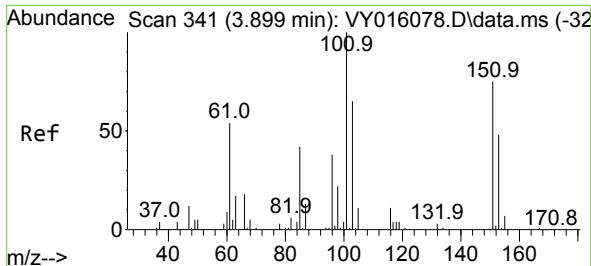
Tgt Ion:101 Resp: 16176
 Ion Ratio Lower Upper
 101 100
 103 64.1 51.4 77.0



#8
 Diethyl Ether
 Concen: 4.862 ug/l
 RT: 3.533 min Scan# 281
 Delta R.T. 0.006 min
 Lab File: VY016075.D
 Acq: 26 Oct 2023 11:35

Tgt Ion: 74 Resp: 5123
 Ion Ratio Lower Upper
 74 100
 45 93.3 51.5 154.5

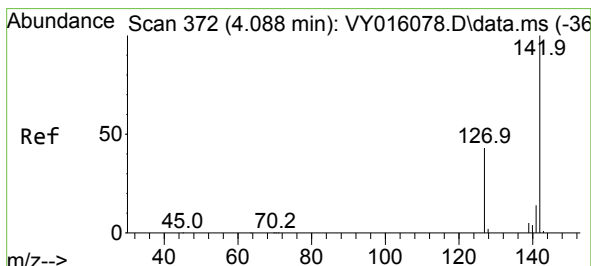
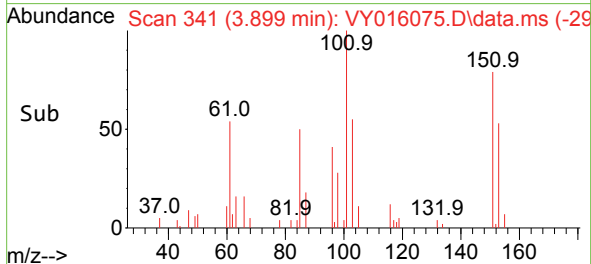
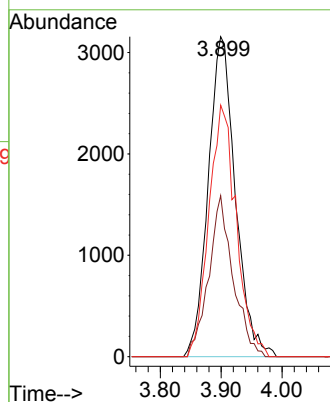
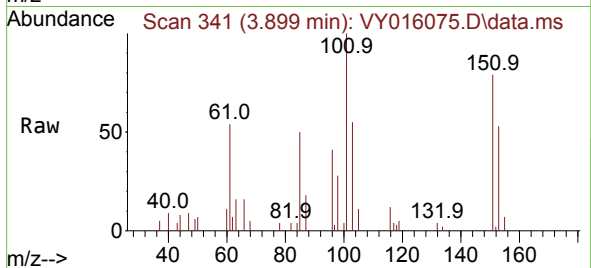




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.148 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.000 min
Lab File: VY016075.D
Acq: 26 Oct 2023 11:35

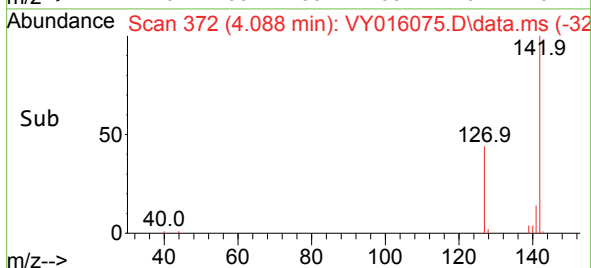
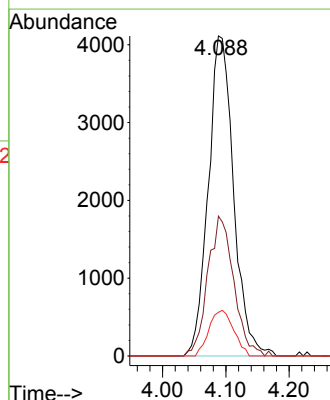
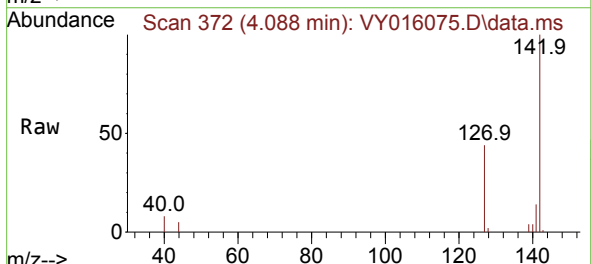
Instrument :
MSVOA_Y
ClientSampleId :

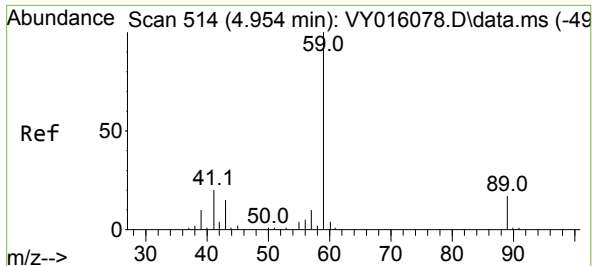
Tgt Ion:101 Resp: 9762
Ion Ratio Lower Upper
101 100
85 45.4 36.6 55.0
151 79.4 67.0 100.6



#10
Methyl Iodide
Concen: 4.718 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.000 min
Lab File: VY016075.D
Acq: 26 Oct 2023 11:35

Tgt Ion:142 Resp: 11431
Ion Ratio Lower Upper
142 100
127 45.0 37.6 56.4
141 13.9 11.8 17.8





#11

Tert butyl alcohol

Concen: 9.082 ug/l

RT: 4.948 min Scan# 514

Delta R.T. -0.006 min

Lab File: VY016075.D

Acq: 26 Oct 2023 11:35

Instrument :

MSVOA_Y

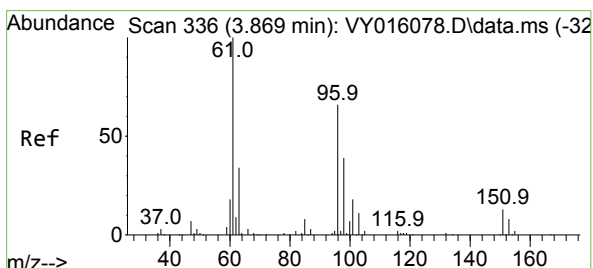
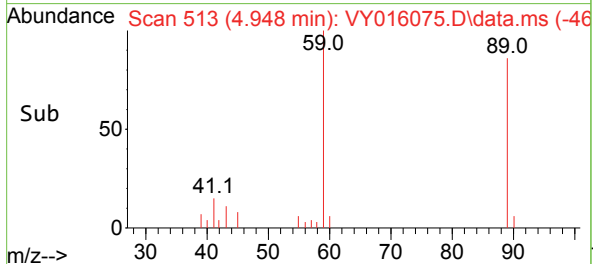
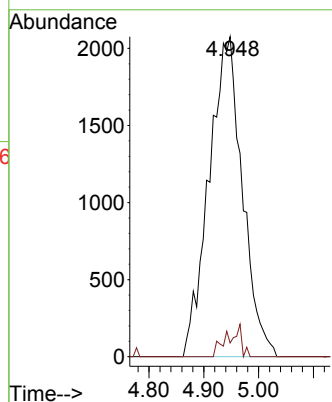
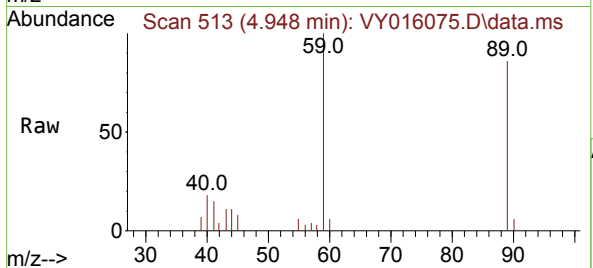
ClientSampleId :

Tgt Ion: 59 Resp: 8790

Ion Ratio Lower Upper

59 100

57 2.1 3.0 4.4#



#12

1,1-Dichloroethene

Concen: 4.911 ug/l

RT: 3.875 min Scan# 337

Delta R.T. 0.006 min

Lab File: VY016075.D

Acq: 26 Oct 2023 11:35

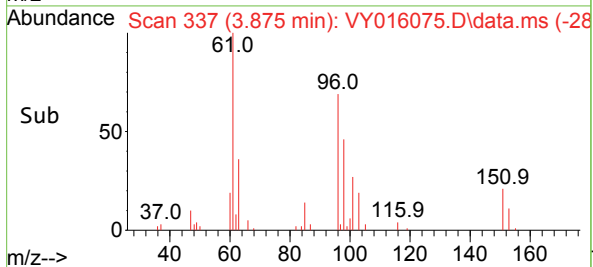
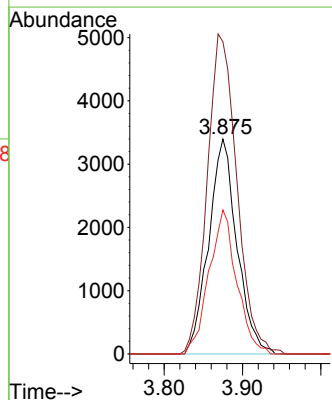
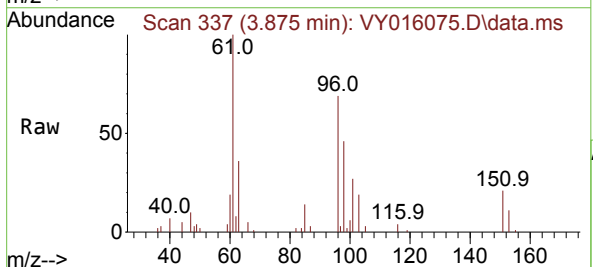
Tgt Ion: 96 Resp: 8533

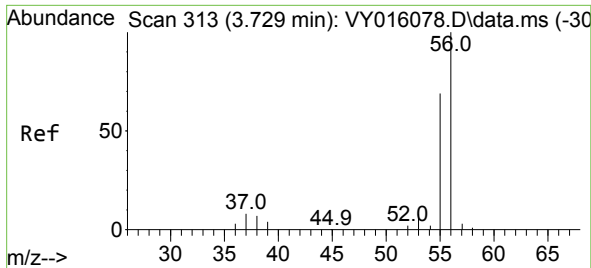
Ion Ratio Lower Upper

96 100

61 145.3 136.4 204.6

98 67.0 49.4 74.2

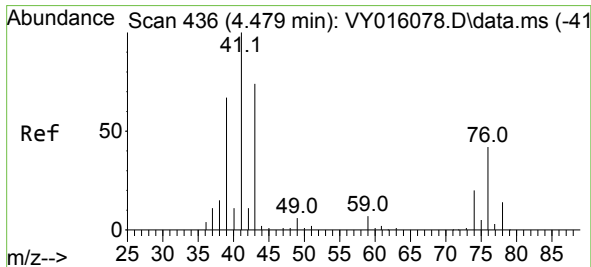
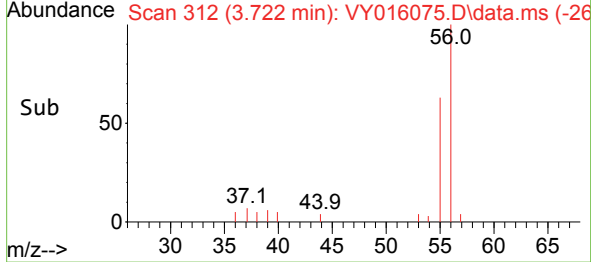
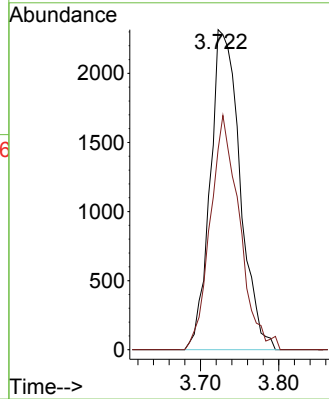
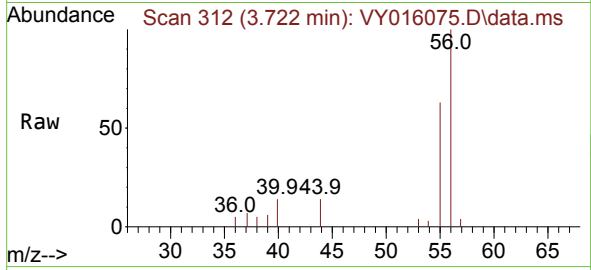




#13
Acrolein
Concen: 24.327 ug/l
RT: 3.722 min Scan# 313
Delta R.T. -0.006 min
Lab File: VY016075.D
Acq: 26 Oct 2023 11:35

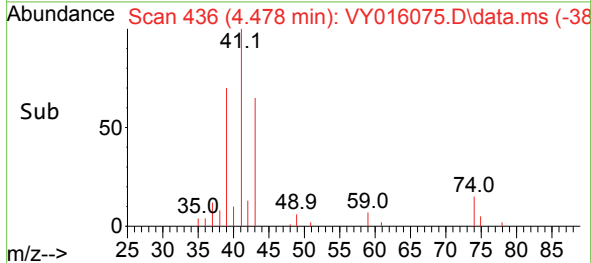
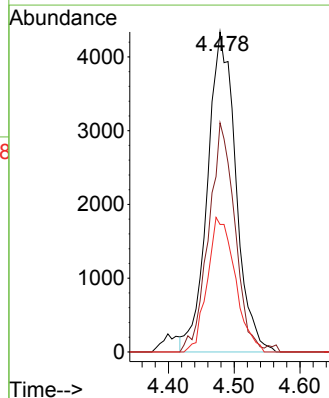
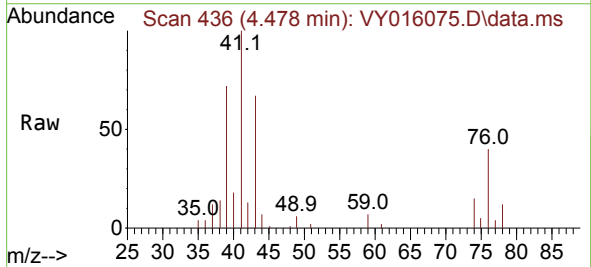
Instrument :
MSVOA_Y
ClientSampleId :

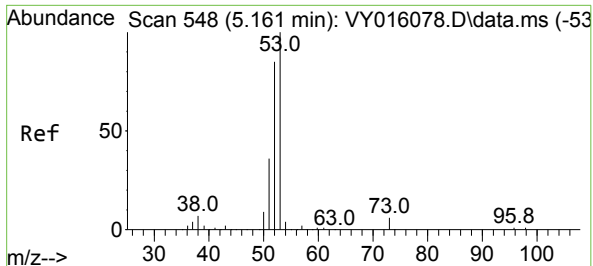
Tgt Ion: 56 Resp: 6126
Ion Ratio Lower Upper
56 100
55 71.6 57.0 85.4



#14
Allyl chloride
Concen: 4.791 ug/l
RT: 4.478 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY016075.D
Acq: 26 Oct 2023 11:35

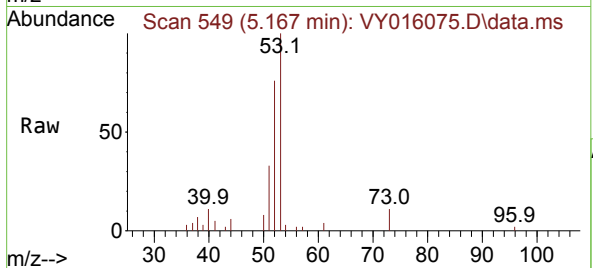
Tgt Ion: 41 Resp: 13013
Ion Ratio Lower Upper
41 100
39 66.1 58.0 87.0
76 41.3 27.4 41.2#



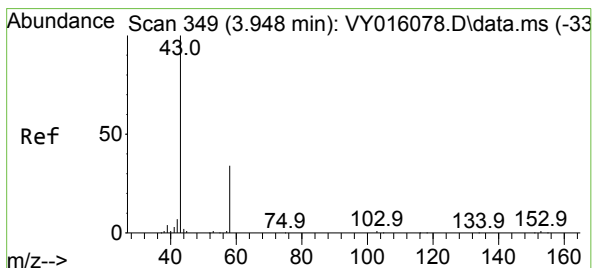
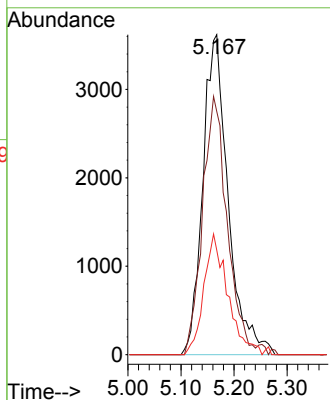
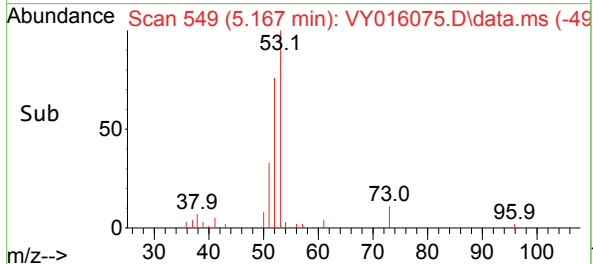


#15
Acrylonitrile
Concen: 23.216 ug/l
RT: 5.167 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY016075.D
Acq: 26 Oct 2023 11:35

Instrument :
MSVOA_Y
ClientSampleId :

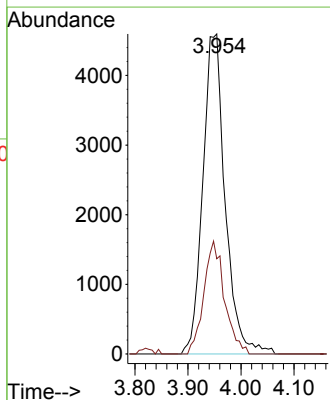
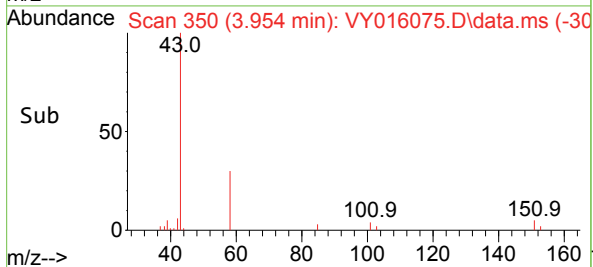
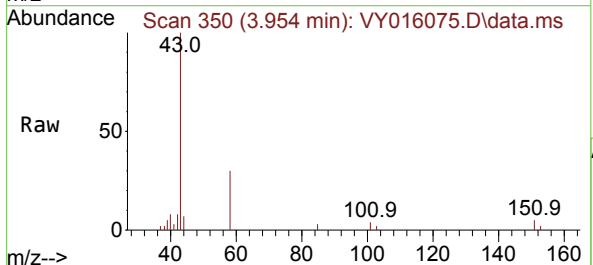


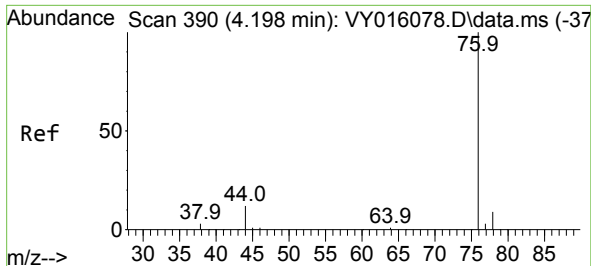
Tgt Ion: 53 Resp: 12000
Ion Ratio Lower Upper
53 100
52 78.3 66.9 100.3
51 35.7 29.8 44.6



#16
Acetone
Concen: 24.535 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY016075.D
Acq: 26 Oct 2023 11:35

Tgt Ion: 43 Resp: 13445
Ion Ratio Lower Upper
43 100
58 29.8 22.7 34.1

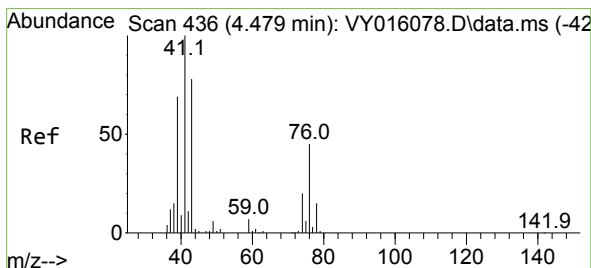
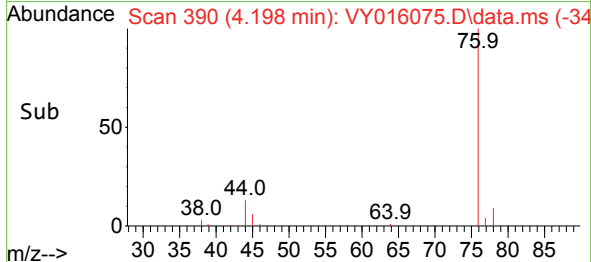
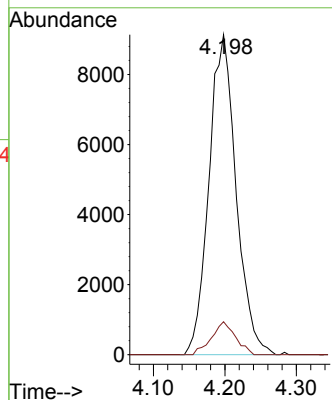
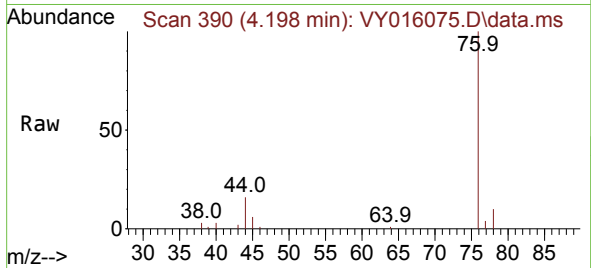




#17
Carbon Disulfide
Concen: 5.018 ug/l
RT: 4.198 min Scan# 390
Delta R.T. -0.000 min
Lab File: VY016075.D
Acq: 26 Oct 2023 11:35

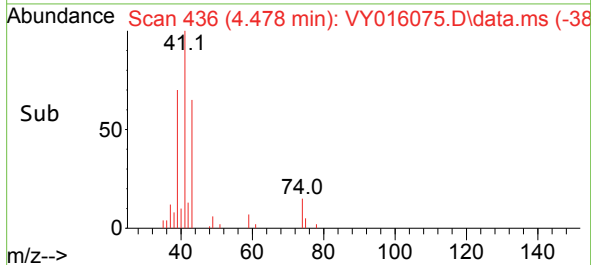
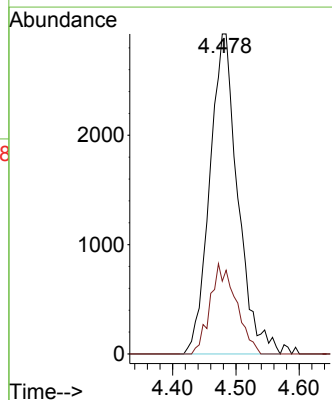
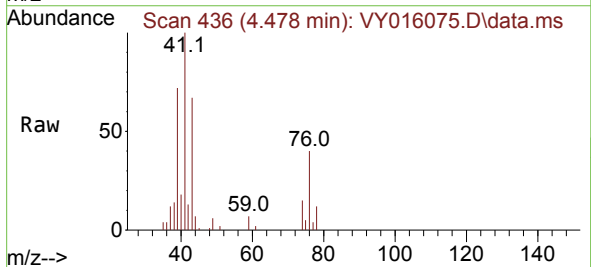
Instrument :
MSVOA_Y
ClientSampleId :

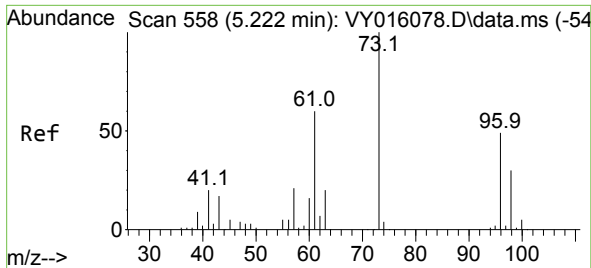
Tgt Ion: 76 Resp: 24116
Ion Ratio Lower Upper
76 100
78 10.3 7.0 10.4



#18
Methyl Acetate
Concen: 4.655 ug/l
RT: 4.478 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY016075.D
Acq: 26 Oct 2023 11:35

Tgt Ion: 43 Resp: 9020
Ion Ratio Lower Upper
43 100
74 26.2 17.4 26.0#

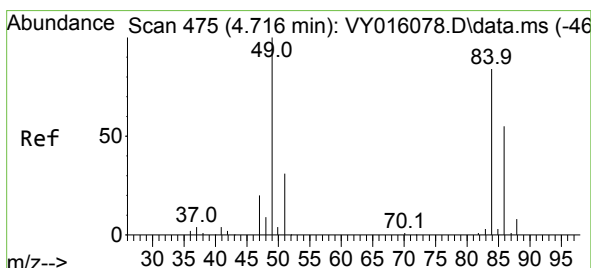
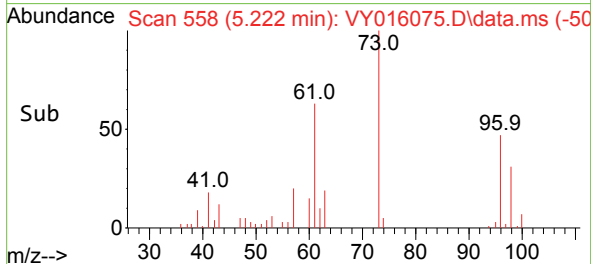
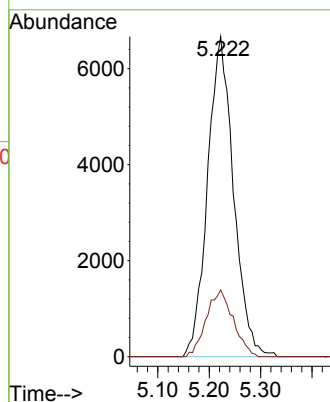
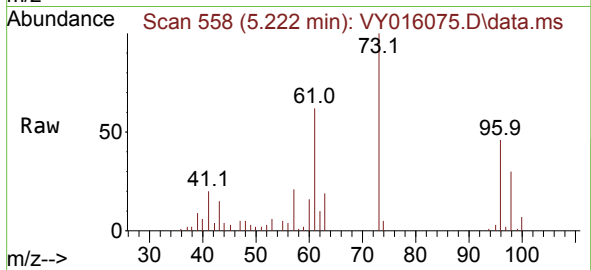




#19
Methyl tert-butyl Ether
Concen: 4.720 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY016075.D
Acq: 26 Oct 2023 11:35

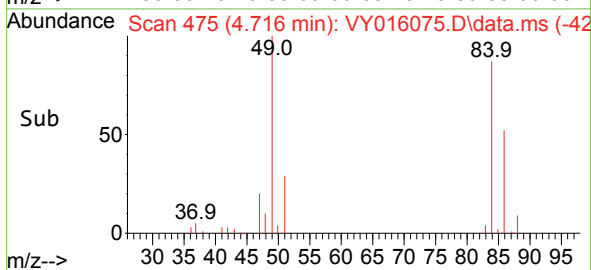
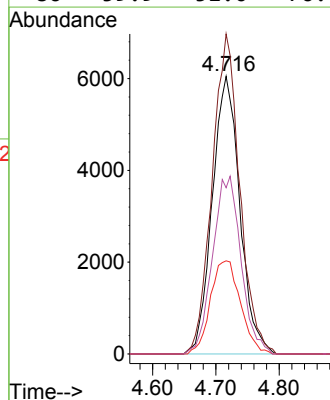
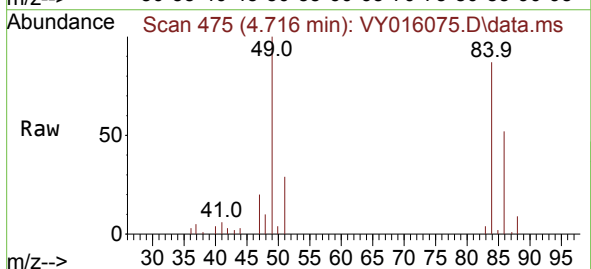
Instrument :
MSVOA_Y
ClientSampleId :

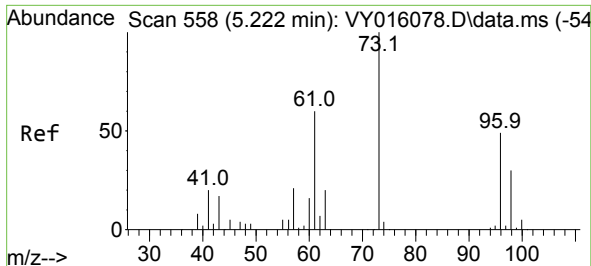
Tgt Ion: 73 Resp: 23387
Ion Ratio Lower Upper
73 100
57 20.9 17.3 25.9



#20
Methylene Chloride
Concen: 3.096 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY016075.D
Acq: 26 Oct 2023 11:35

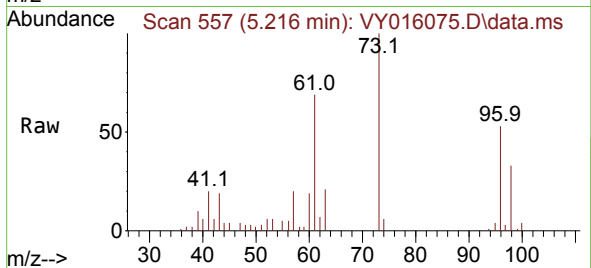
Tgt Ion: 84 Resp: 18281
Ion Ratio Lower Upper
84 100
49 115.3 106.9 160.3
51 33.5 33.2 49.8
86 59.9 51.0 76.6



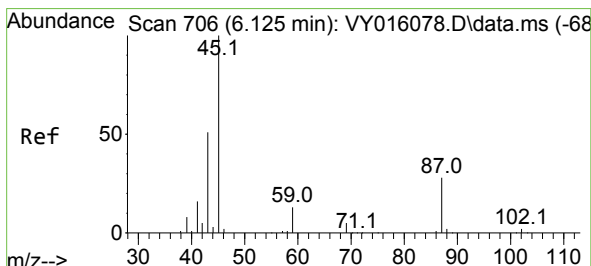
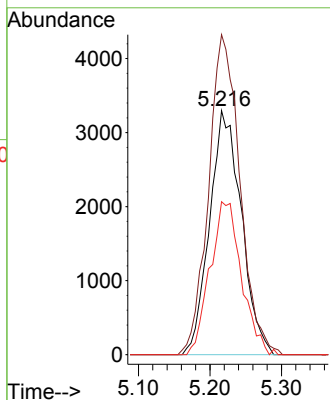
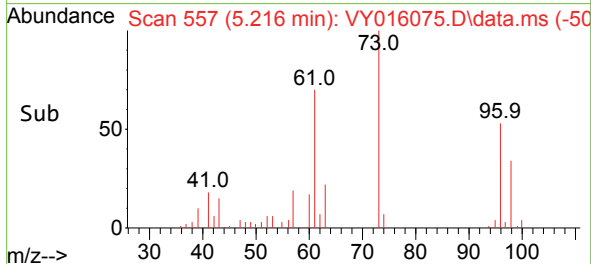


#21
trans-1,2-Dichloroethene
Concen: 5.058 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY016075.D
Acq: 26 Oct 2023 11:35

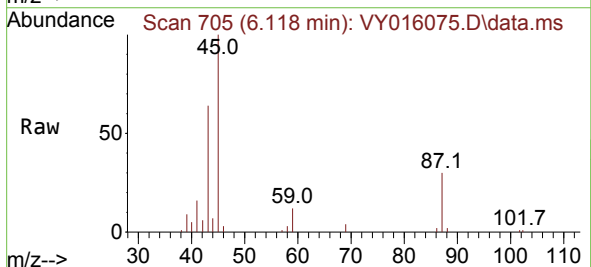
Instrument :
MSVOA_Y
ClientSampleId :



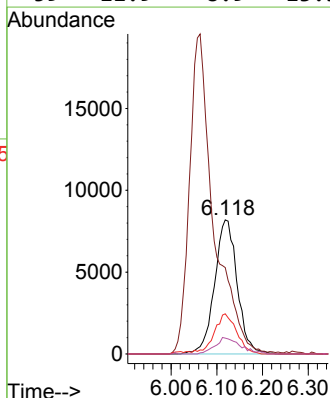
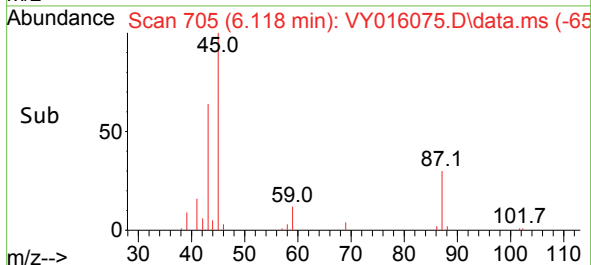
Tgt Ion: 96 Resp: 10187
Ion Ratio Lower Upper
96 100
61 131.1 110.2 165.4
98 62.7 51.8 77.6

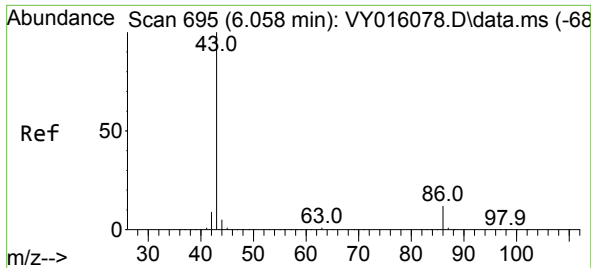


#22
Diisopropyl ether
Concen: 4.744 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY016075.D
Acq: 26 Oct 2023 11:35



Tgt Ion: 45 Resp: 28176
Ion Ratio Lower Upper
45 100
43 62.9 52.2 78.4
87 29.9 21.0 31.6
59 11.9 8.9 13.3





#23

Vinyl Acetate

Concen: 22.543 ug/l

RT: 6.064 min Scan# 695

Delta R.T. 0.006 min

Lab File: VY016075.D

Acq: 26 Oct 2023 11:35

Instrument :

MSVOA_Y

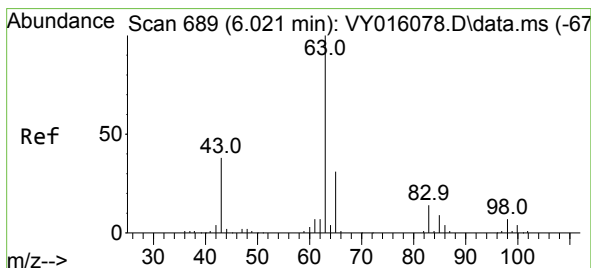
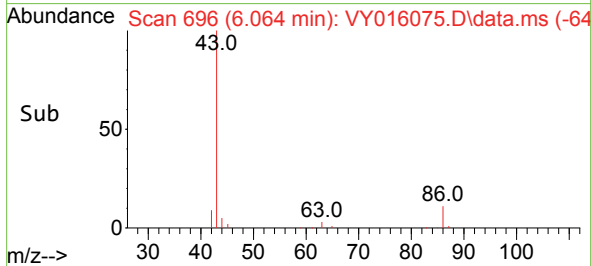
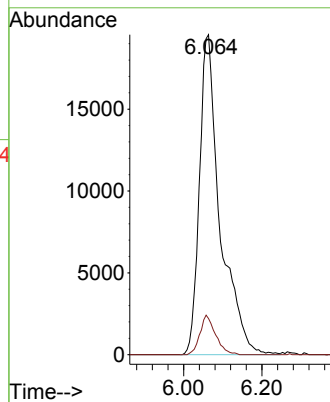
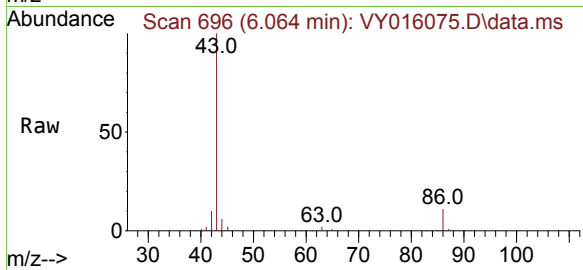
ClientSampleId :

Tgt Ion: 43 Resp: 71730

Ion Ratio Lower Upper

43 100

86 11.3 7.5 11.3



#24

1,1-Dichloroethane

Concen: 4.887 ug/l

RT: 6.015 min Scan# 688

Delta R.T. -0.006 min

Lab File: VY016075.D

Acq: 26 Oct 2023 11:35

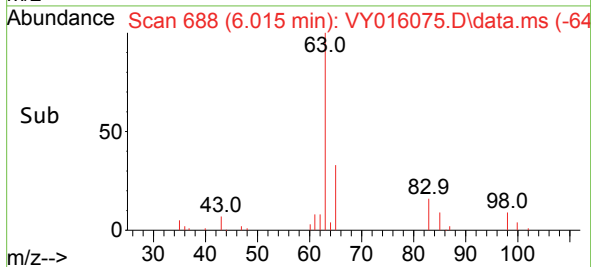
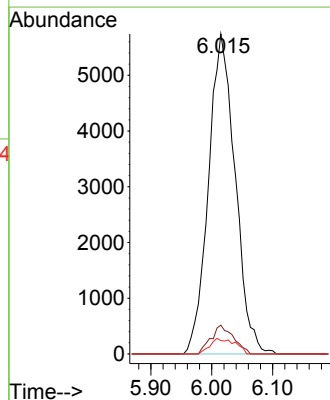
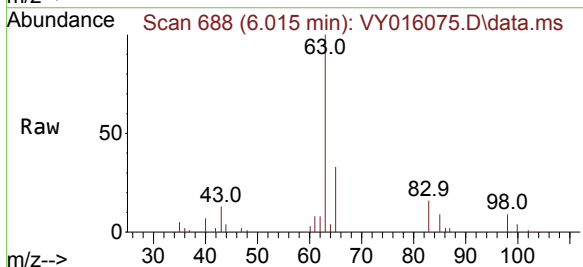
Tgt Ion: 63 Resp: 17486

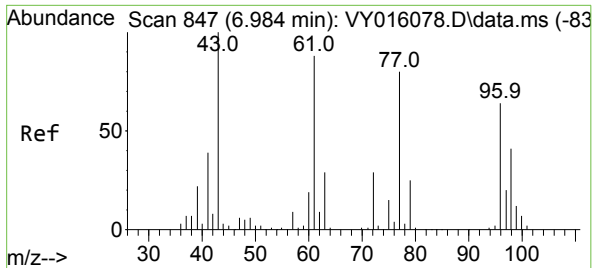
Ion Ratio Lower Upper

63 100

98 9.0 3.1 9.4

100 4.2 1.8 5.5





#25

2-Butanone

Concen: 24.384 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY016075.D

Acq: 26 Oct 2023 11:35

Instrument :

MSVOA_Y

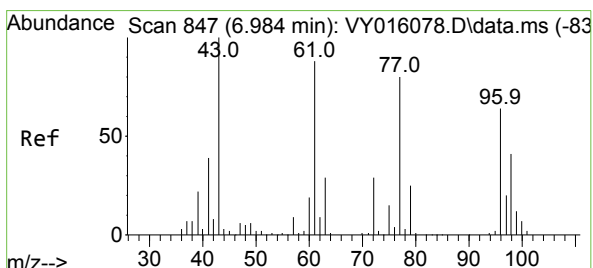
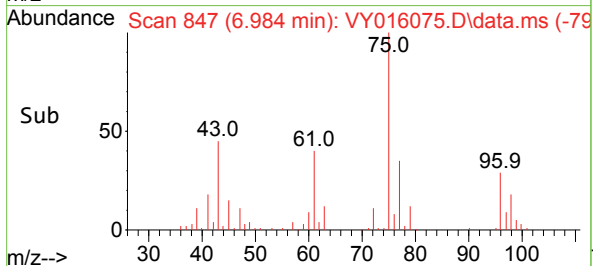
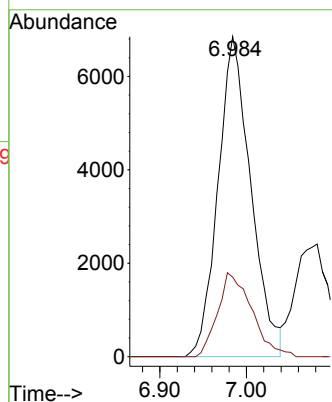
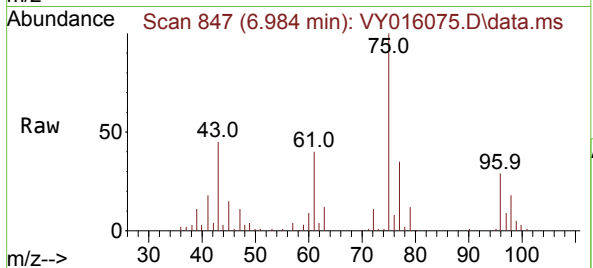
ClientSampleId :

Tgt Ion: 43 Resp: 18035

Ion Ratio Lower Upper

43 100

72 24.8 20.5 30.7



#26

2,2-Dichloropropane

Concen: 5.368 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY016075.D

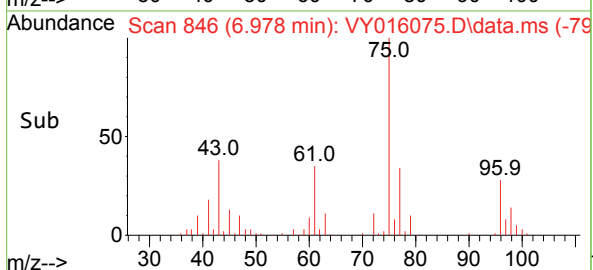
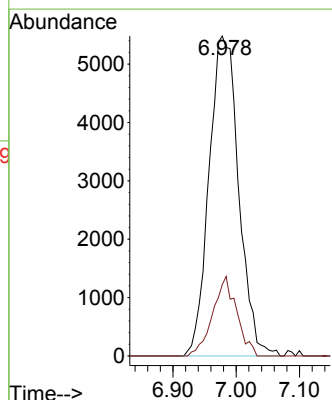
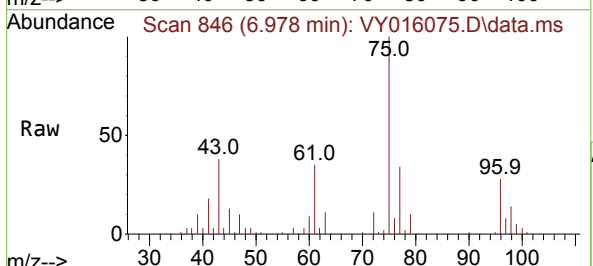
Acq: 26 Oct 2023 11:35

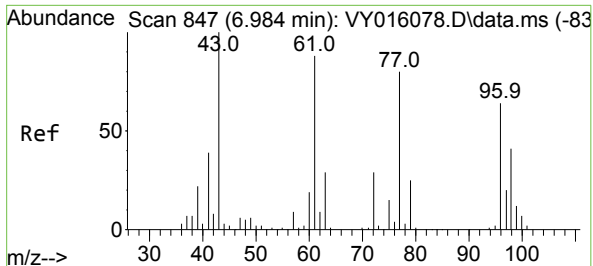
Tgt Ion: 77 Resp: 17856

Ion Ratio Lower Upper

77 100

97 20.1 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 5.029 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY016075.D

Acq: 26 Oct 2023 11:35

Instrument :

MSVOA_Y

ClientSampleId :

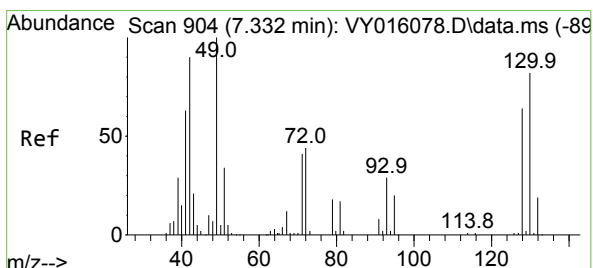
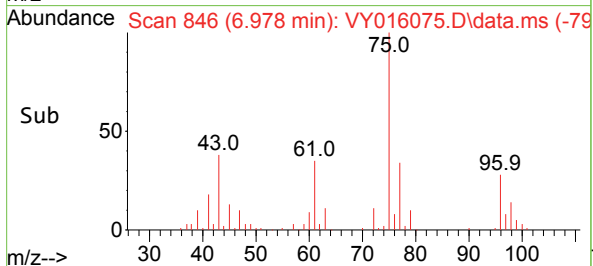
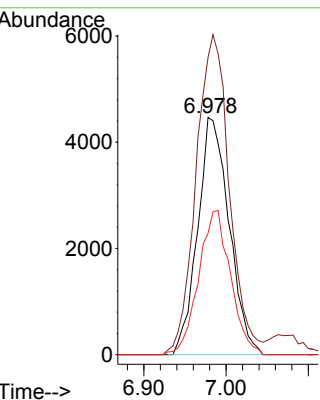
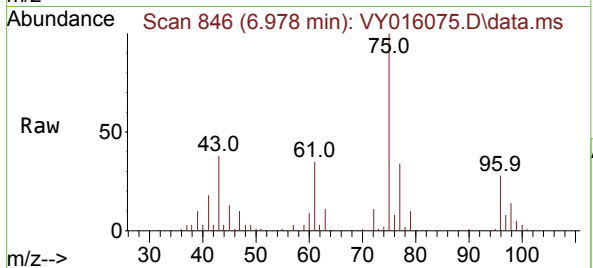
Tgt Ion: 96 Resp: 11894

Ion Ratio Lower Upper

96 100

61 142.8 0.0 301.4

98 61.5 0.0 130.4



#28

Bromochloromethane

Concen: 4.896 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.006 min

Lab File: VY016075.D

Acq: 26 Oct 2023 11:35

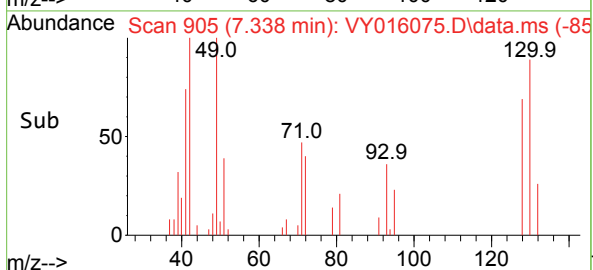
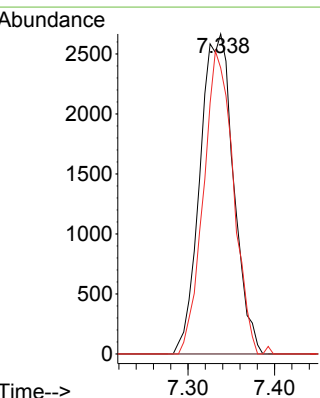
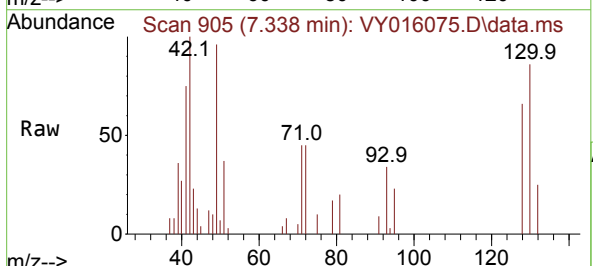
Tgt Ion: 49 Resp: 7166

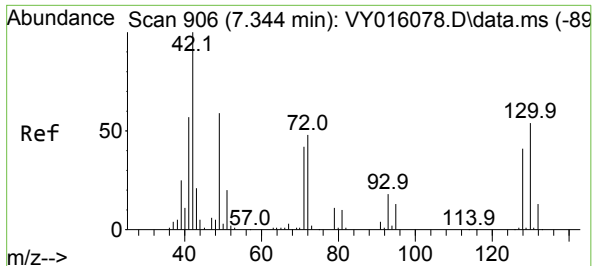
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.6

130 84.5 60.7 91.1





#29

Tetrahydrofuran

Concen: 22.083 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY016075.D

Acq: 26 Oct 2023 11:35

Instrument :

MSVOA_Y

ClientSampleId :

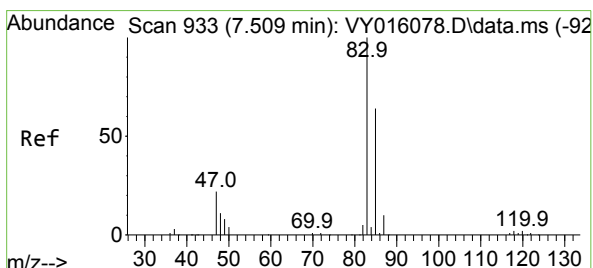
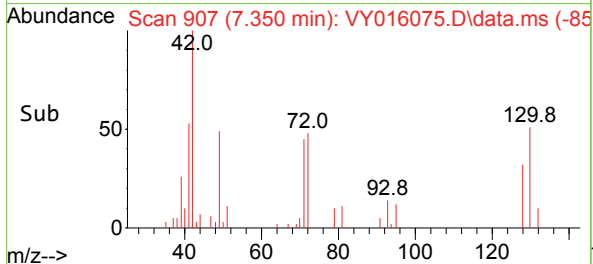
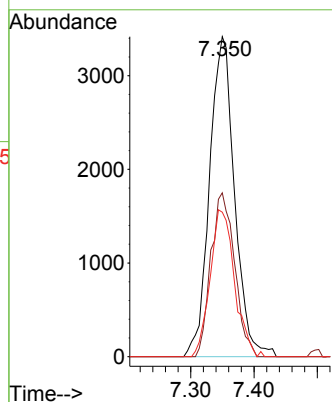
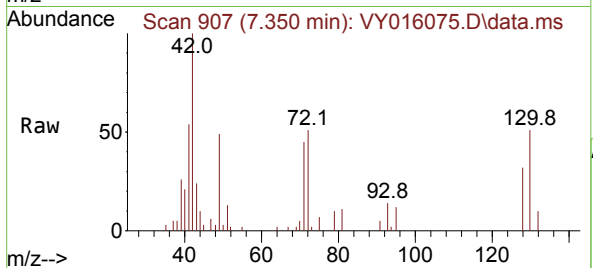
Tgt Ion: 42 Resp: 9371

Ion Ratio Lower Upper

42 100

72 48.5 32.8 49.2

71 44.7 31.0 46.4



#30

Chloroform

Concen: 4.926 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.006 min

Lab File: VY016075.D

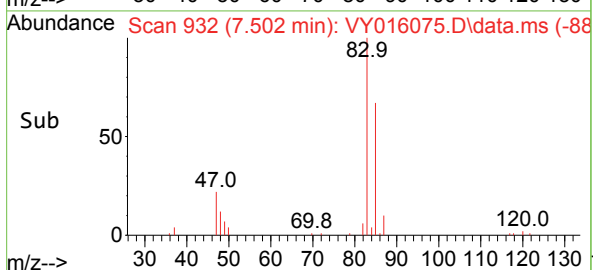
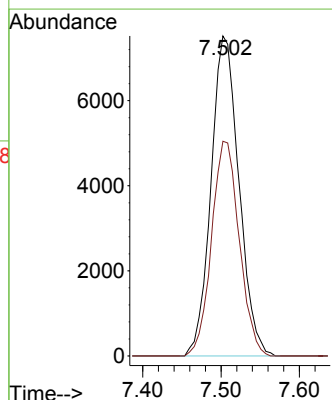
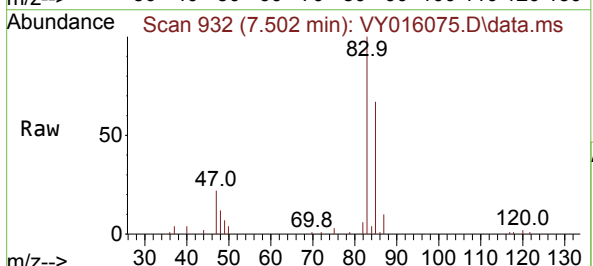
Acq: 26 Oct 2023 11:35

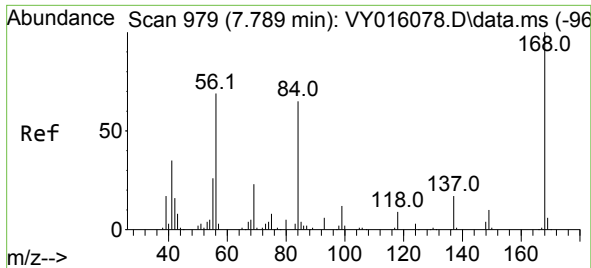
Tgt Ion: 83 Resp: 18620

Ion Ratio Lower Upper

83 100

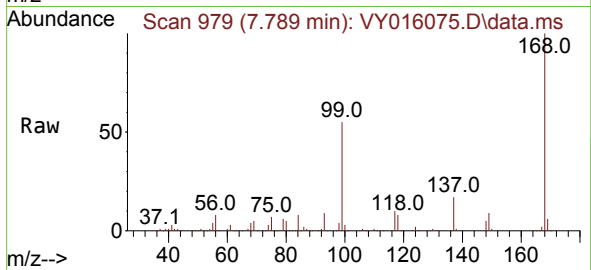
85 67.1 49.7 74.5



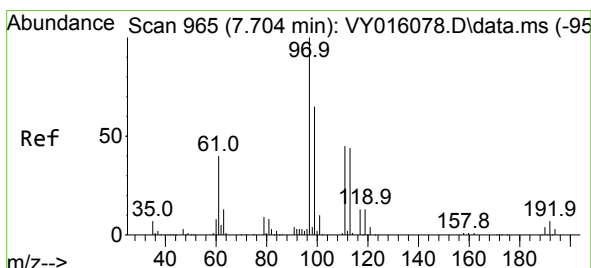
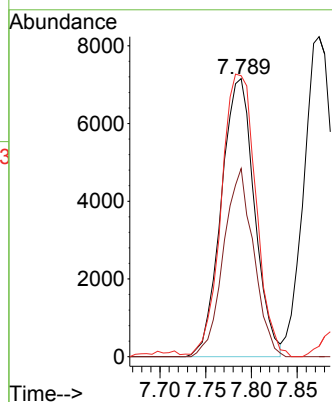
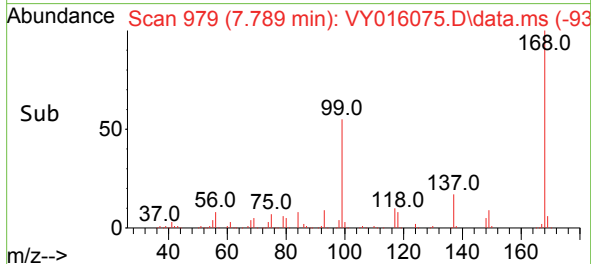


#31
Cyclohexane
Concen: 5.693 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016075.D
Acq: 26 Oct 2023 11:35

Instrument :
MSVOA_Y
ClientSampleId :

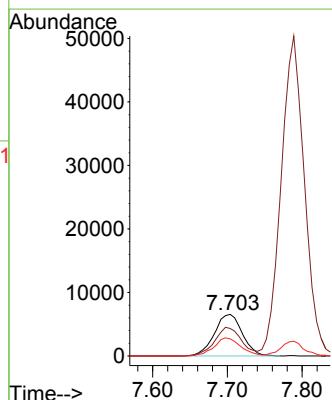
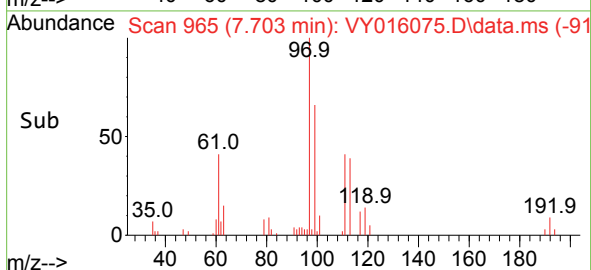
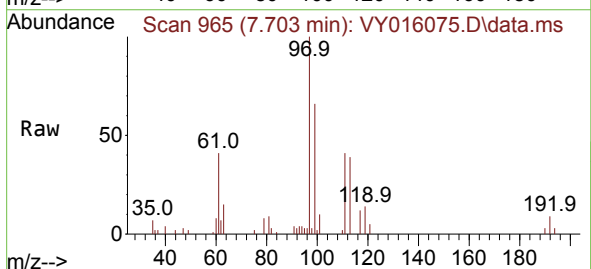


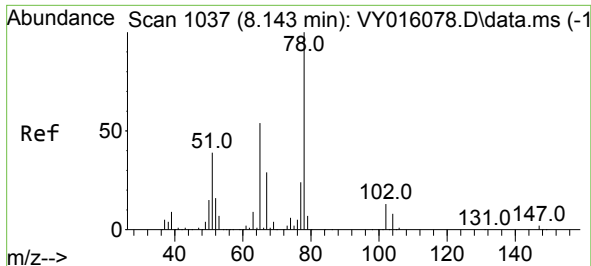
Tgt Ion: 56 Resp: 18109
Ion Ratio Lower Upper
56 100
69 67.7 27.8 41.6#
84 100.3 66.4 99.6#



#32
1,1,1-Trichloroethane
Concen: 5.021 ug/l
RT: 7.703 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY016075.D
Acq: 26 Oct 2023 11:35

Tgt Ion: 97 Resp: 17023
Ion Ratio Lower Upper
97 100
99 66.6 50.8 76.2
61 41.4 35.1 52.7

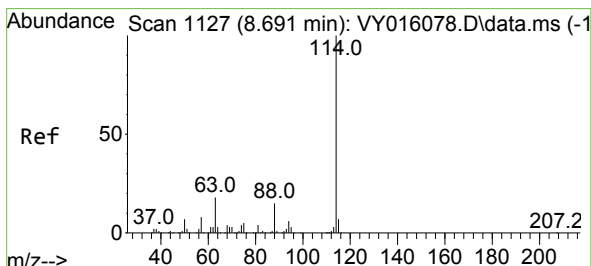
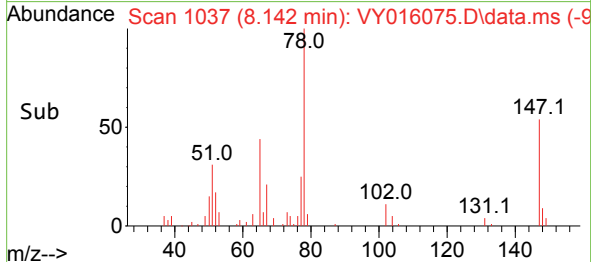
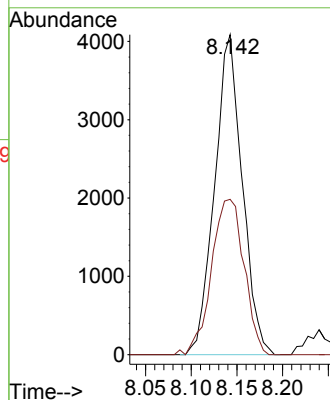
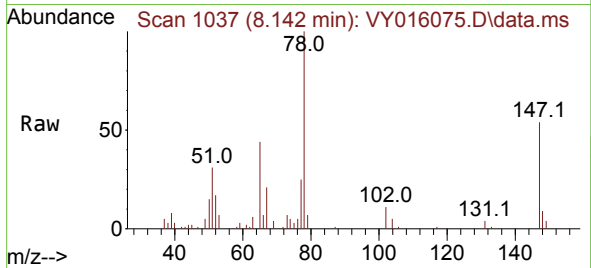




#33
 1,2-Dichloroethane-d4
 Concen: 4.243 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. -0.000 min
 Lab File: VY016075.D
 Acq: 26 Oct 2023 11:35

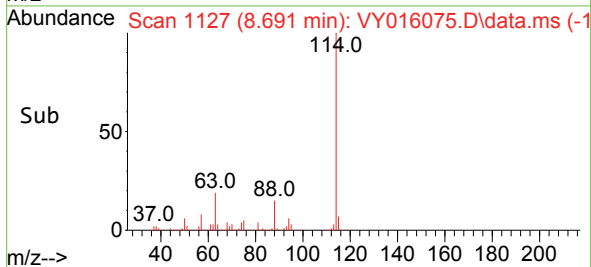
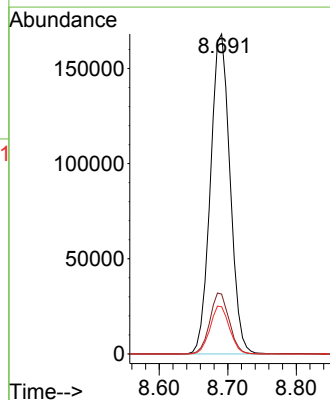
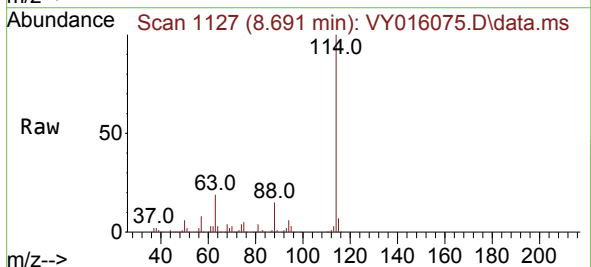
Instrument :
 MSVOA_Y
 ClientSampleId :

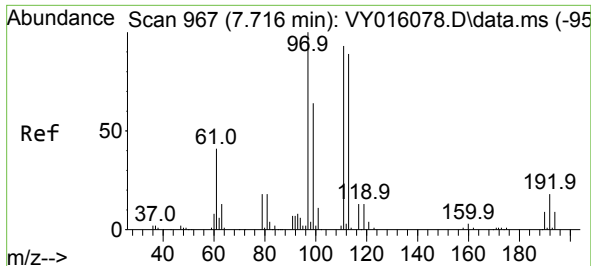
Tgt Ion: 65 Resp: 8579
 Ion Ratio Lower Upper
 65 100
 67 57.2 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.000 min
 Lab File: VY016075.D
 Acq: 26 Oct 2023 11:35

Tgt Ion: 114 Resp: 334418
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 42.4
 88 14.8 0.0 30.6

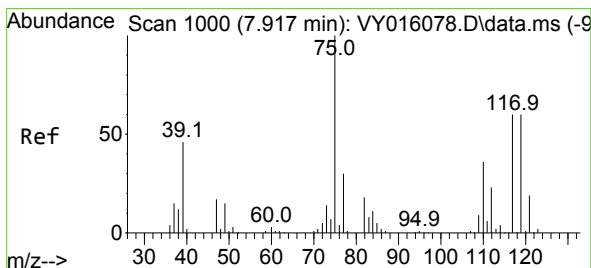
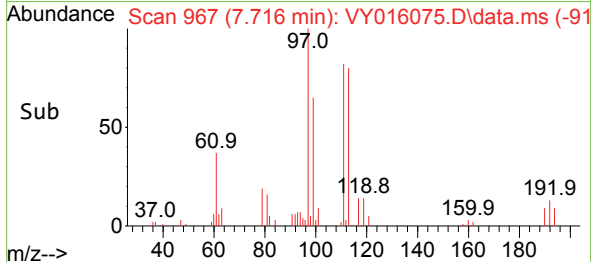
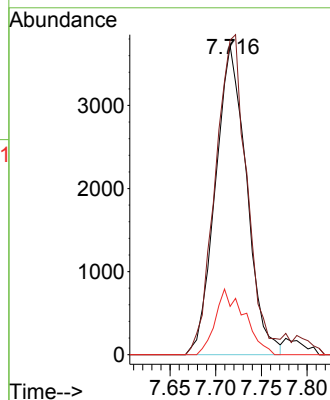
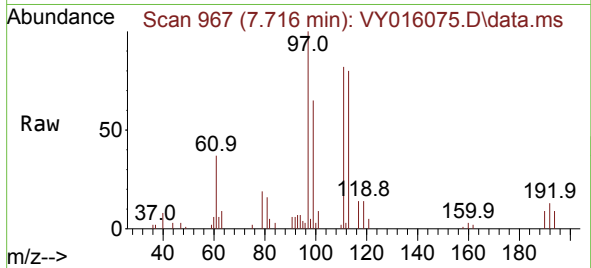




#35
Dibromofluoromethane
Concen: 4.172 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016075.D
Acq: 26 Oct 2023 11:35

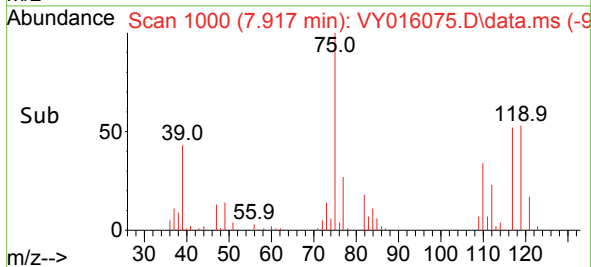
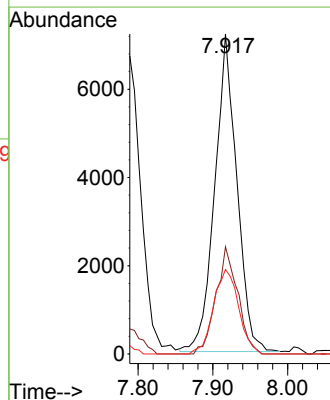
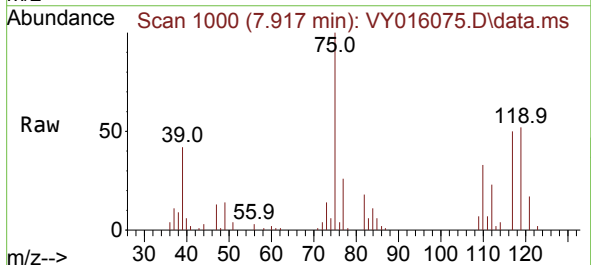
Instrument :
MSVOA_Y
ClientSampleId :

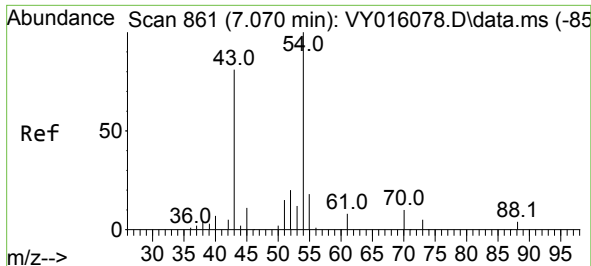
Tgt Ion:113 Resp: 8808
Ion Ratio Lower Upper
113 100
111 105.2 81.3 121.9
192 20.0 16.9 25.3



#36
1,1-Dichloropropene
Concen: 5.036 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY016075.D
Acq: 26 Oct 2023 11:35

Tgt Ion: 75 Resp: 14820
Ion Ratio Lower Upper
75 100
110 33.3 17.8 53.5
77 30.3 24.4 36.6





#37

Ethyl Acetate

Concen: 4.709 ug/l

RT: 7.082 min Scan# 861

Delta R.T. 0.012 min

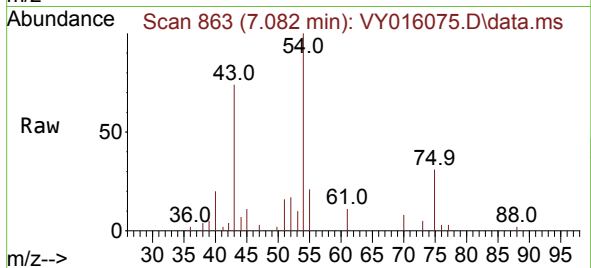
Lab File: VY016075.D

Acq: 26 Oct 2023 11:35

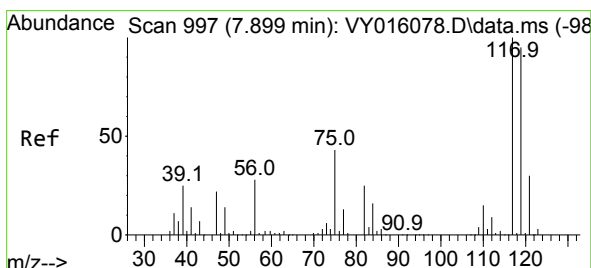
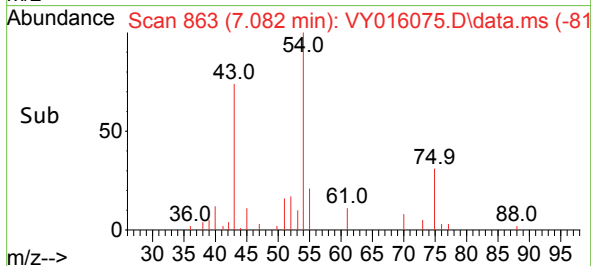
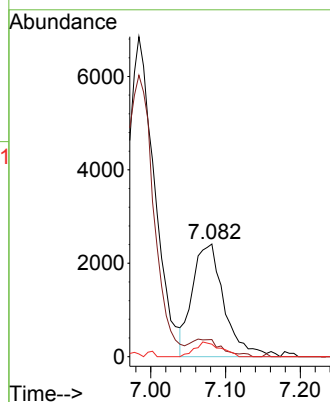
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 43	Resp: 7103
Ion Ratio	Lower Upper
43	100
61	15.3 10.1 15.1#
70	10.5 7.1 10.7



#38

Carbon Tetrachloride

Concen: 4.939 ug/l

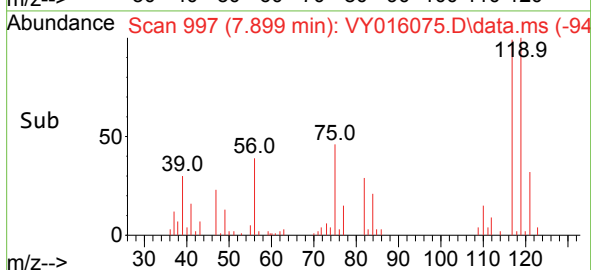
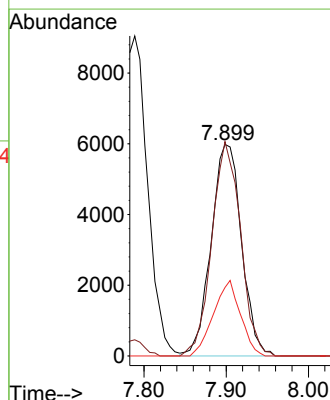
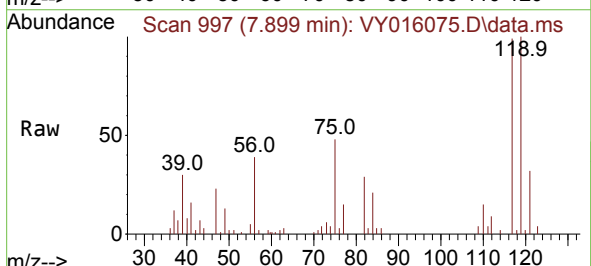
RT: 7.899 min Scan# 997

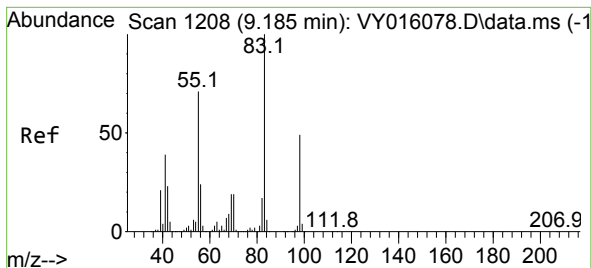
Delta R.T. -0.000 min

Lab File: VY016075.D

Acq: 26 Oct 2023 11:35

Tgt Ion: 117	Resp: 15371
Ion Ratio	Lower Upper
117	100
119	101.4 76.4 114.6
121	32.4 25.8 38.6





#39

Methylcyclohexane

Concen: 4.793 ug/l

RT: 9.185 min Scan# 1

Delta R.T. -0.000 min

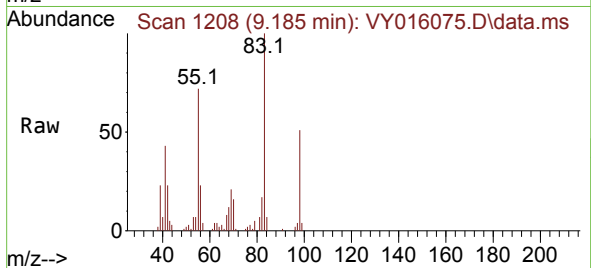
Lab File: VY016075.D

Acq: 26 Oct 2023 11:35

Instrument :

MSVOA_Y

ClientSampleId :



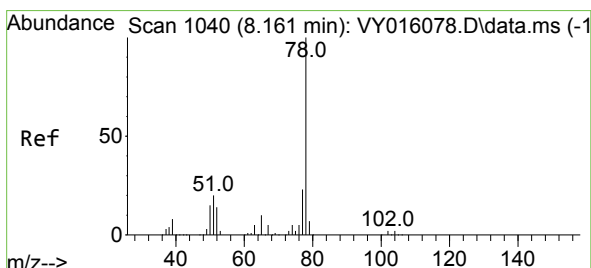
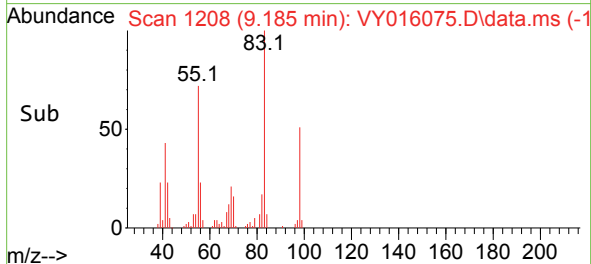
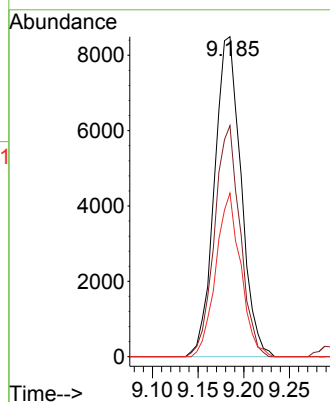
Tgt Ion: 83 Resp: 17183

Ion Ratio Lower Upper

83 100

55 72.2 63.0 94.4

98 51.1 37.4 56.2



#40

Benzene

Concen: 4.886 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY016075.D

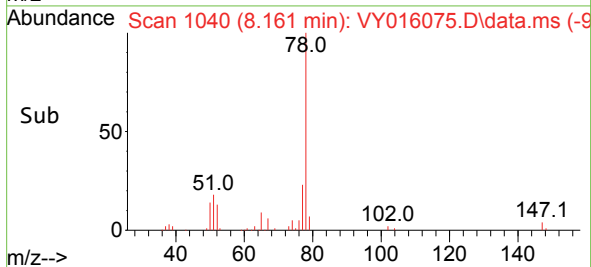
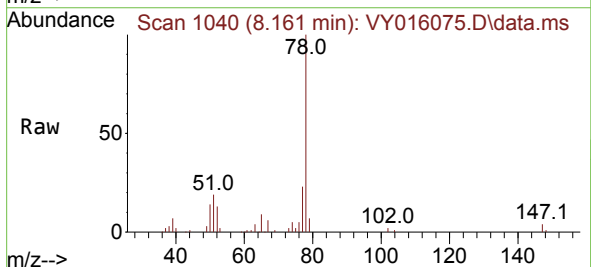
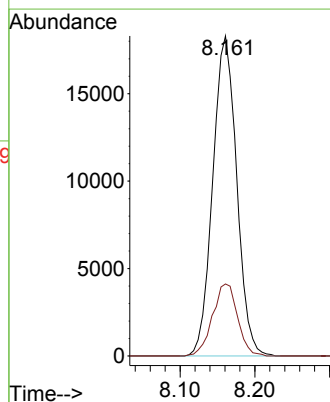
Acq: 26 Oct 2023 11:35

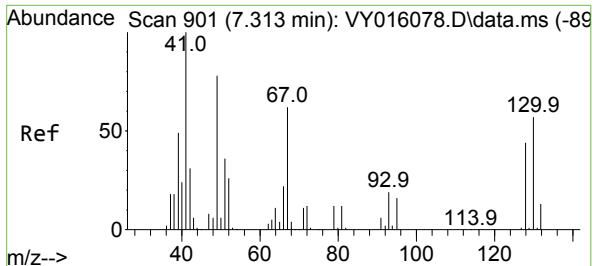
Tgt Ion: 78 Resp: 40706

Ion Ratio Lower Upper

78 100

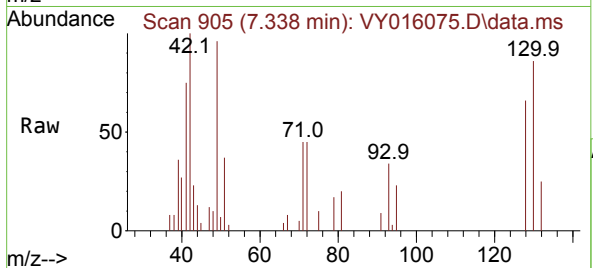
77 22.5 19.0 28.6



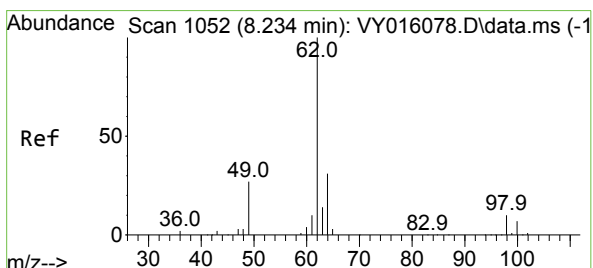
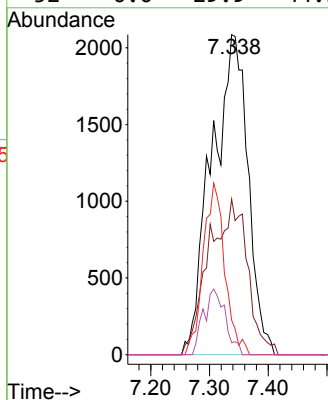
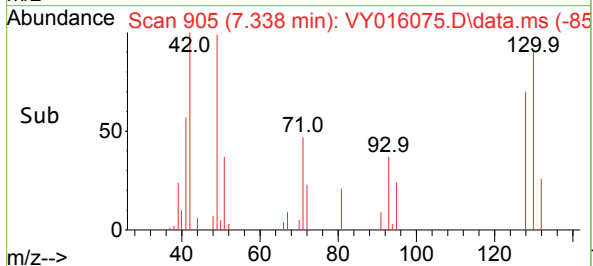


#41
Methacrylonitrile
Concen: 11.321 ug/l
RT: 7.338 min Scan# 901
Delta R.T. 0.024 min
Lab File: VY016075.D
Acq: 26 Oct 2023 11:35

Instrument :
MSVOA_Y
ClientSampleId :

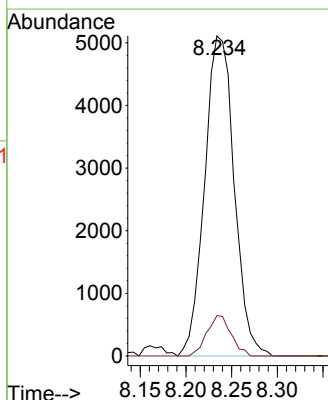
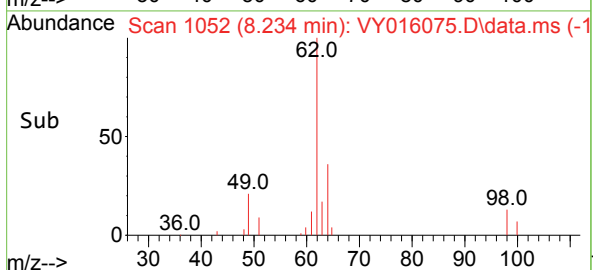
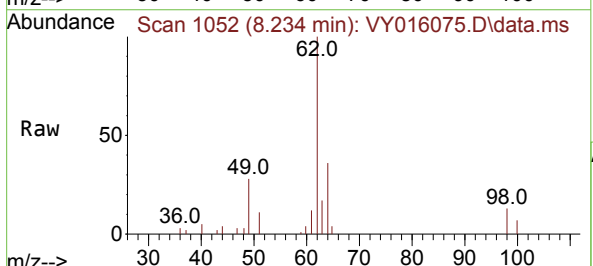


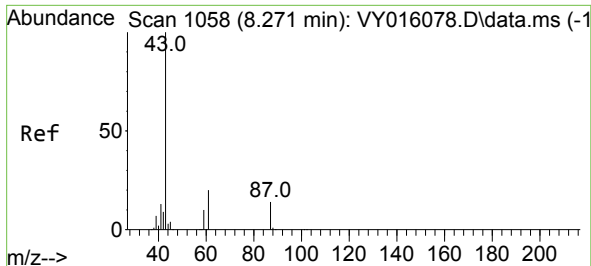
Tgt Ion: 41 Resp: 8937
Ion Ratio Lower Upper
41 100
39 0.0 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 4.773 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY016075.D
Acq: 26 Oct 2023 11:35

Tgt Ion: 62 Resp: 11492
Ion Ratio Lower Upper
62 100
98 10.3 0.0 15.8

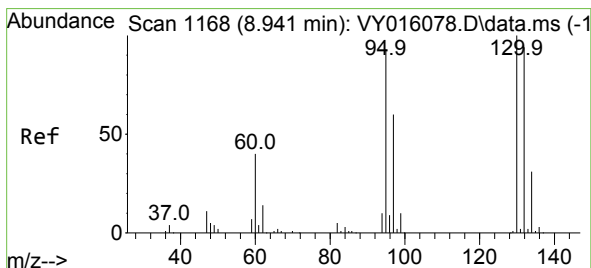
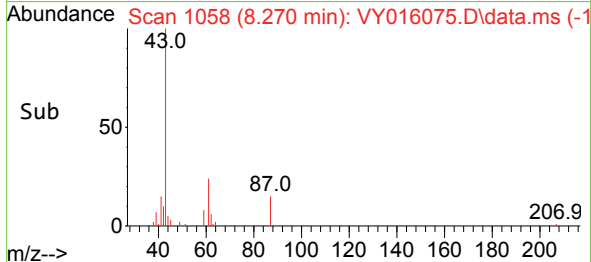
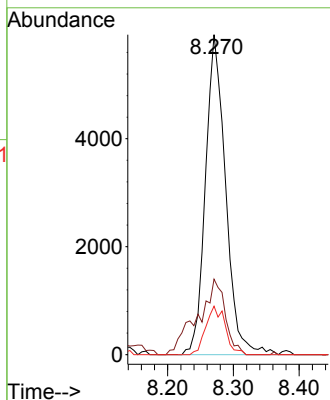
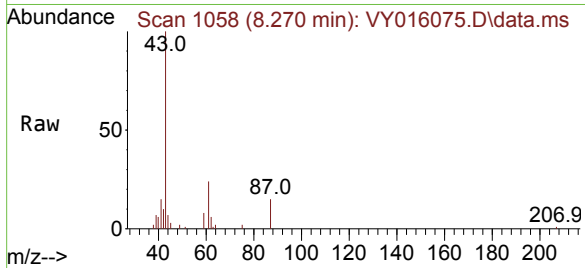




#43
Isopropyl Acetate
Concen: 4.483 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY016075.D
Acq: 26 Oct 2023 11:35

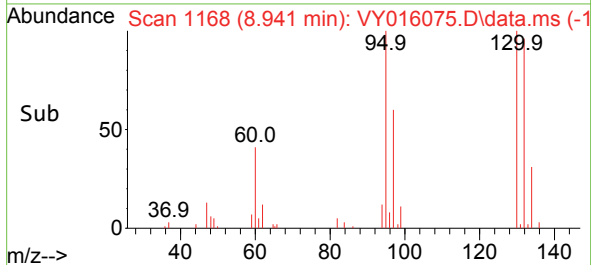
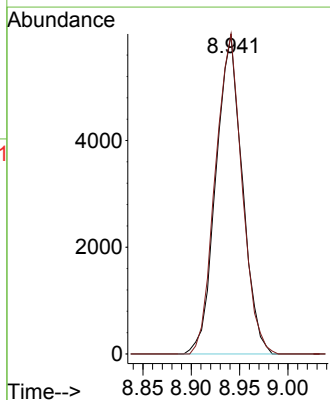
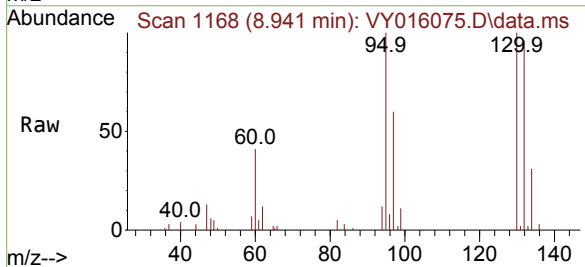
Instrument :
MSVOA_Y
ClientSampleId :

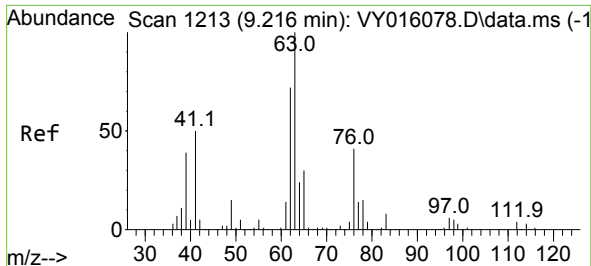
Tgt Ion: 43 Resp: 12642
Ion Ratio Lower Upper
43 100
61 32.3 21.1 31.7#
87 14.6 9.8 14.8



#44
Trichloroethene
Concen: 4.866 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY016075.D
Acq: 26 Oct 2023 11:35

Tgt Ion: 130 Resp: 11321
Ion Ratio Lower Upper
130 100
95 100.5 0.0 196.0





#45

1,2-Dichloropropane

Concen: 4.906 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VY016075.D

Acq: 26 Oct 2023 11:35

Instrument :

MSVOA_Y

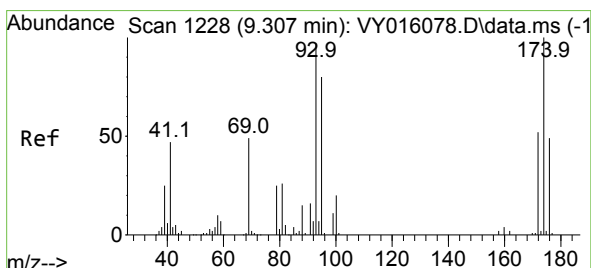
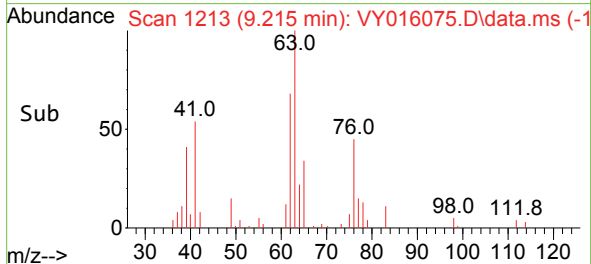
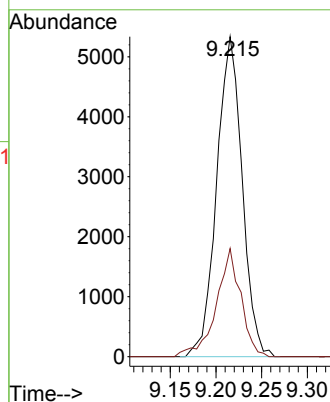
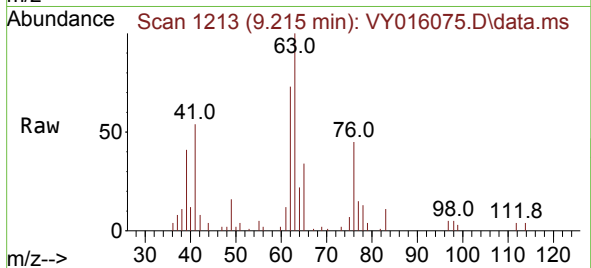
ClientSampleId :

Tgt Ion: 63 Resp: 10346

Ion Ratio Lower Upper

63 100

65 33.8 23.8 35.6



#46

Dibromomethane

Concen: 4.636 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY016075.D

Acq: 26 Oct 2023 11:35

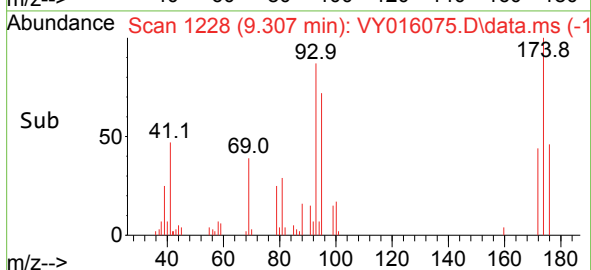
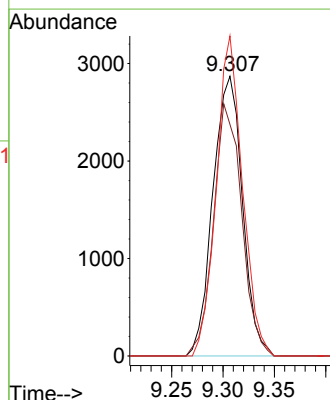
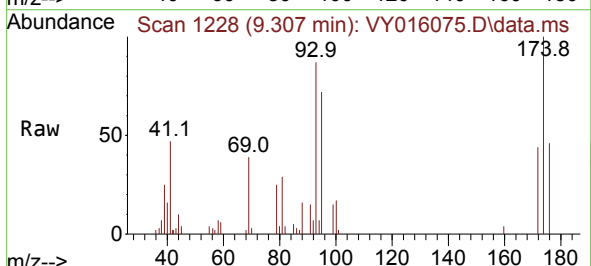
Tgt Ion: 93 Resp: 5732

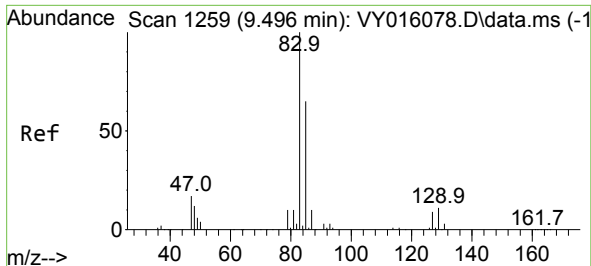
Ion Ratio Lower Upper

93 100

95 86.0 66.6 100.0

174 101.3 84.8 127.2

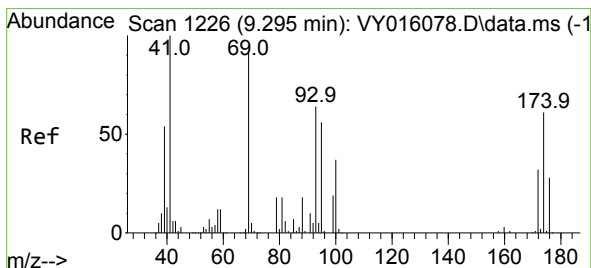
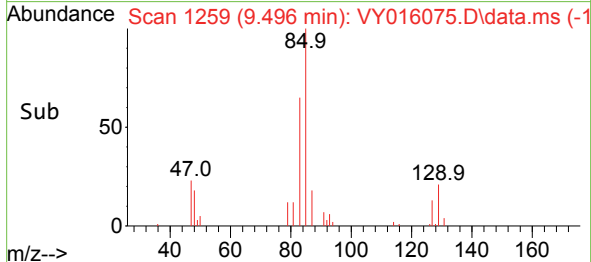
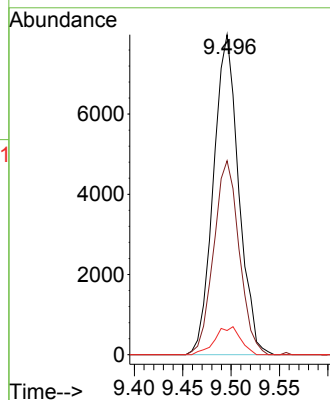
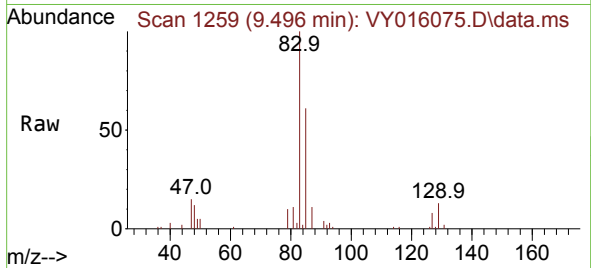




#47
Bromodichloromethane
Concen: 4.837 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY016075.D
Acq: 26 Oct 2023 11:35

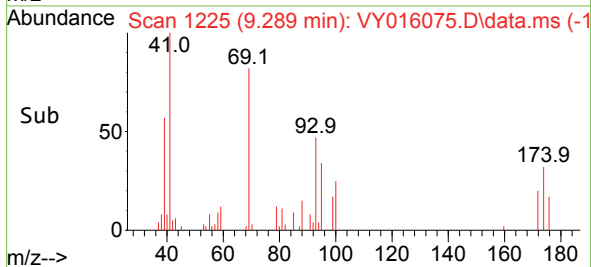
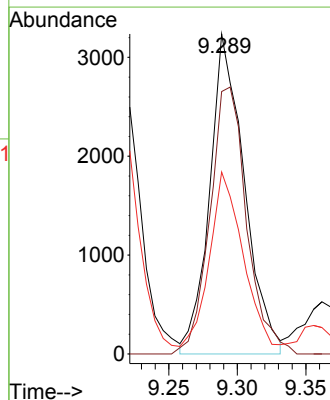
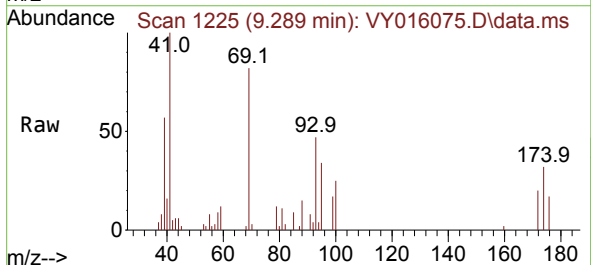
Instrument :
MSVOA_Y
ClientSampleId :

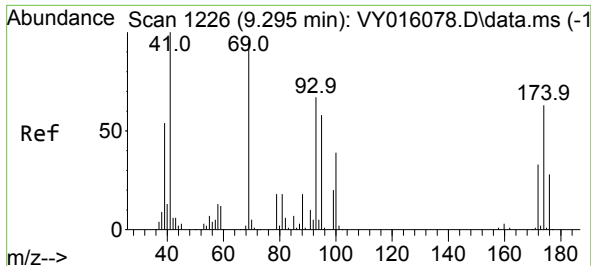
Tgt Ion: 83 Resp: 14464
Ion Ratio Lower Upper
83 100
85 60.6 50.1 75.1
127 7.6 7.1 10.7



#48
Methyl methacrylate
Concen: 4.380 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY016075.D
Acq: 26 Oct 2023 11:35

Tgt Ion: 41 Resp: 5691
Ion Ratio Lower Upper
41 100
69 88.5 64.5 96.7
39 57.2 50.8 76.2





#49

1,4-Dioxane

Concen: 84.942 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY016075.D

Acq: 26 Oct 2023 11:35

Instrument :

MSVOA_Y

ClientSampleId :

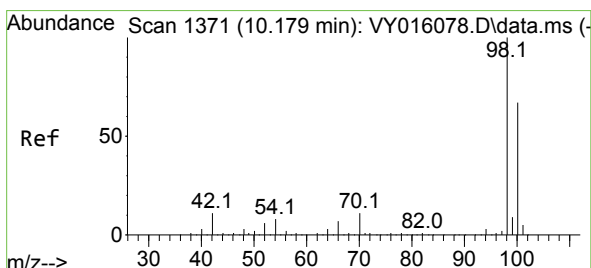
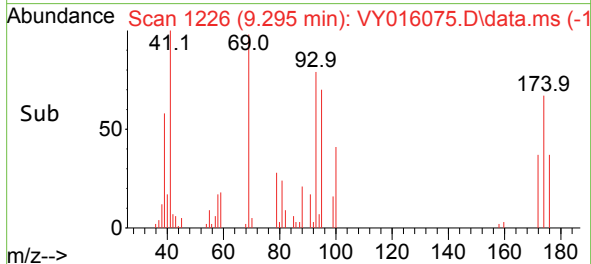
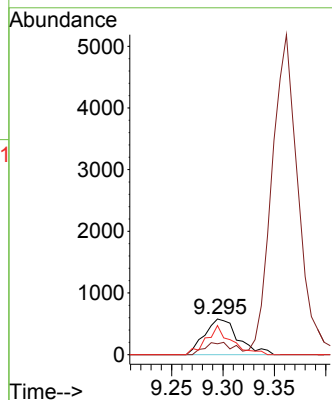
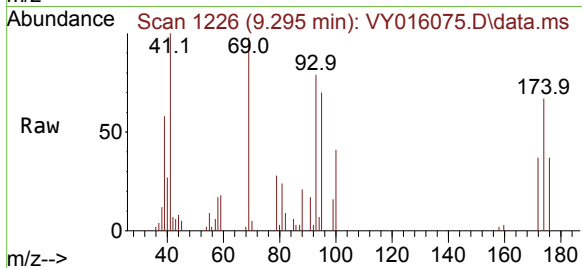
Tgt Ion: 88 Resp: 1314

Ion Ratio Lower Upper

88 100

43 29.4 0.0 0.0#

58 60.3 30.9 46.3#



#50

Toluene-d8

Concen: 4.107 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY016075.D

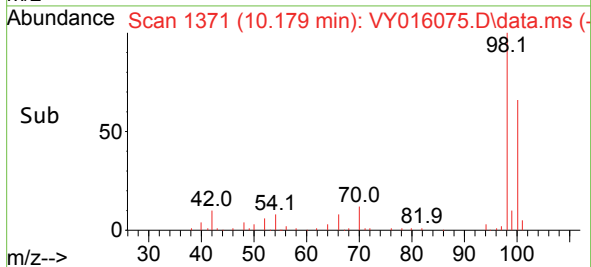
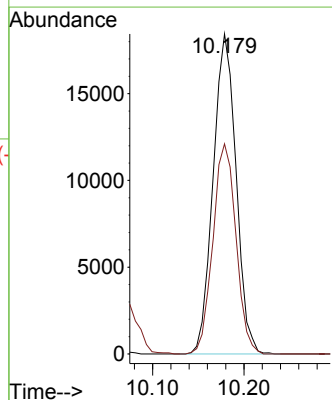
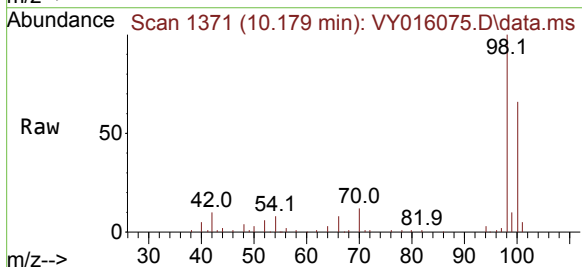
Acq: 26 Oct 2023 11:35

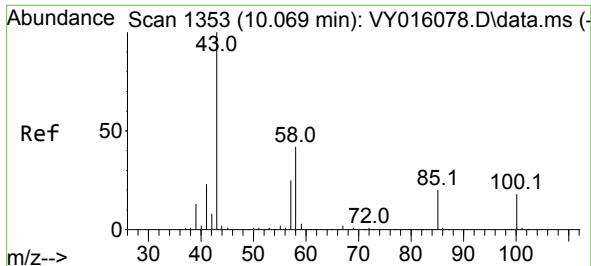
Tgt Ion: 98 Resp: 32116

Ion Ratio Lower Upper

98 100

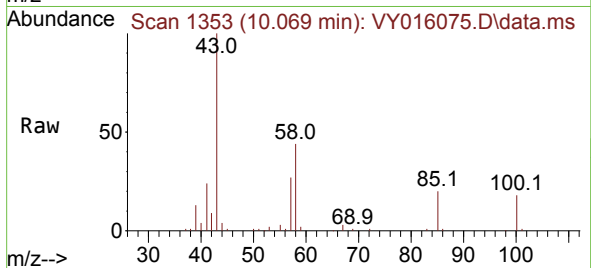
100 66.1 50.1 75.1



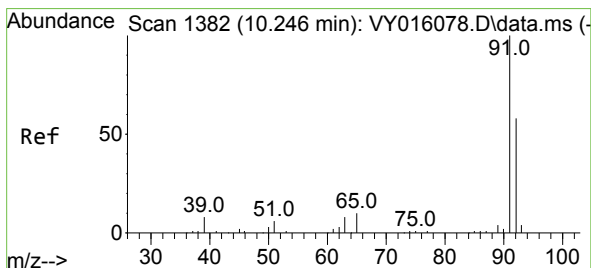
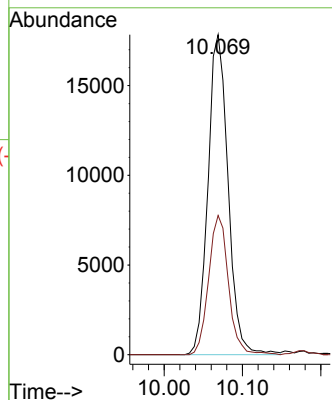
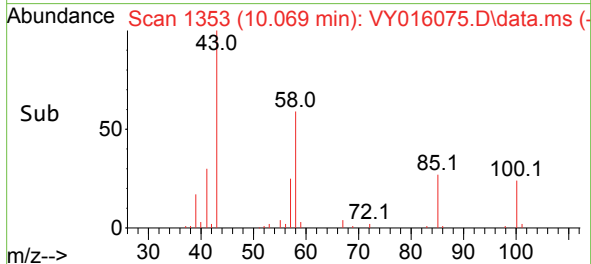


#51
4-Methyl-2-Pentanone
Concen: 21.423 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY016075.D
Acq: 26 Oct 2023 11:35

Instrument :
MSVOA_Y
ClientSampleId :

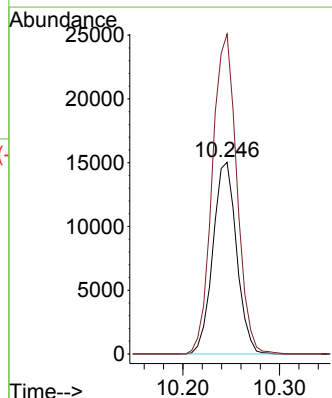
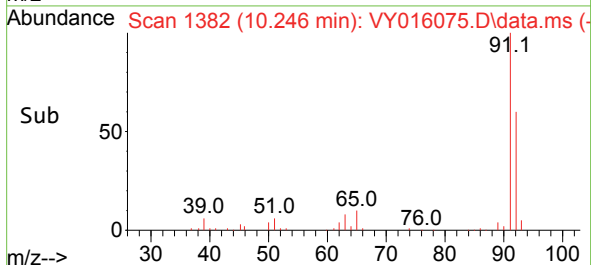
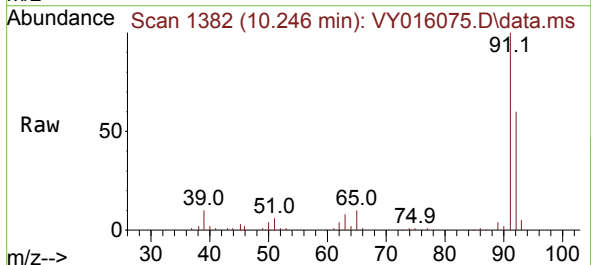


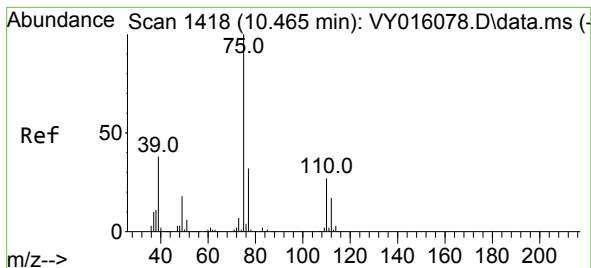
Tgt Ion: 43 Resp: 31881
Ion Ratio Lower Upper
43 100
58 42.8 29.0 43.6



#52
Toluene
Concen: 4.780 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY016075.D
Acq: 26 Oct 2023 11:35

Tgt Ion: 92 Resp: 25574
Ion Ratio Lower Upper
92 100
91 172.4 143.8 215.6

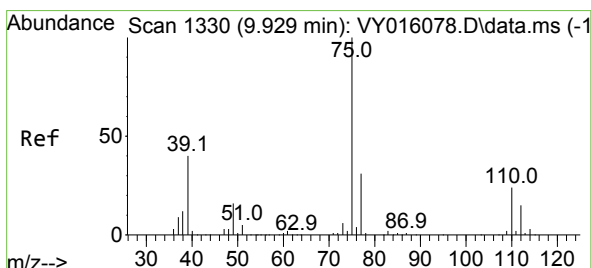
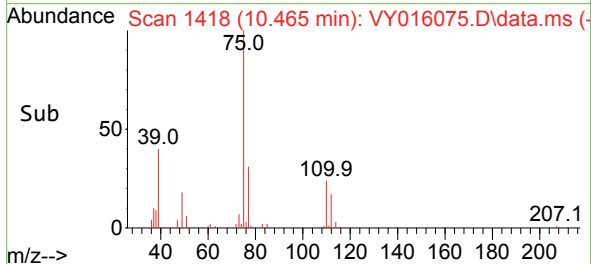
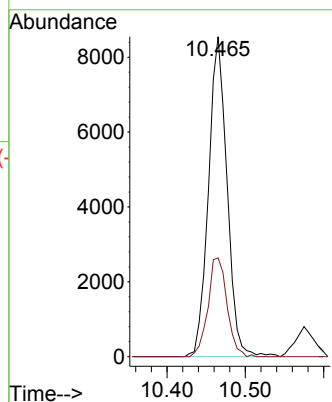
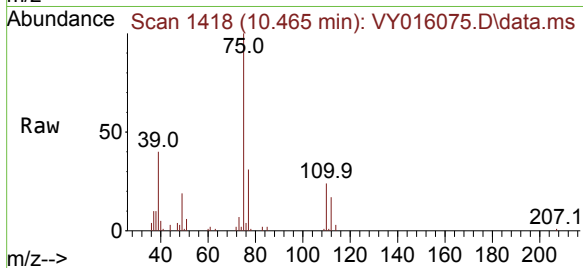




#53
 t-1,3-Dichloropropene
 Concen: 4.598 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. -0.000 min
 Lab File: VY016075.D
 Acq: 26 Oct 2023 11:35

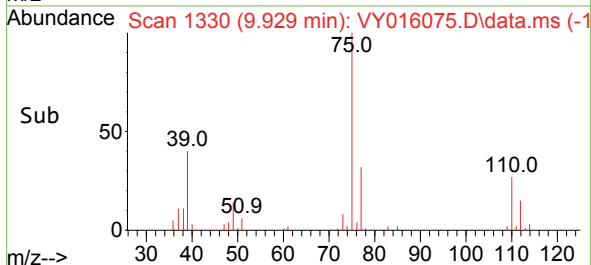
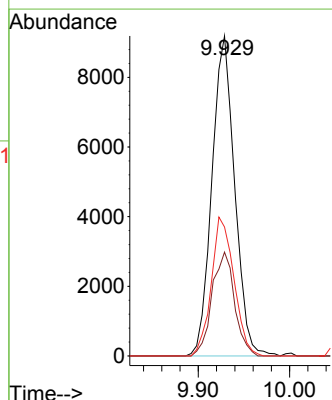
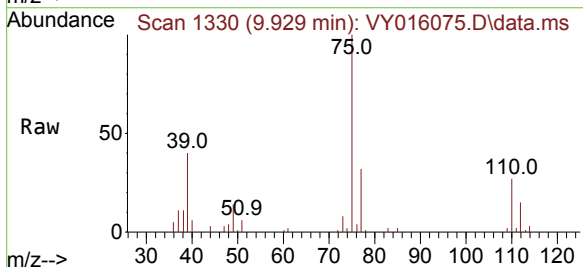
Instrument :
 MSVOA_Y
 ClientSampleId :

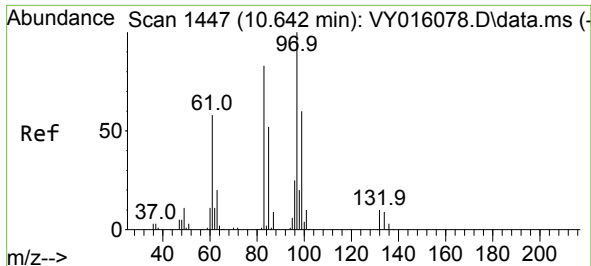
Tgt Ion: 75 Resp: 14059
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 4.590 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY016075.D
 Acq: 26 Oct 2023 11:35

Tgt Ion: 75 Resp: 15871
 Ion Ratio Lower Upper
 75 100
 77 32.4 24.2 36.4
 39 40.3 42.2 63.4#

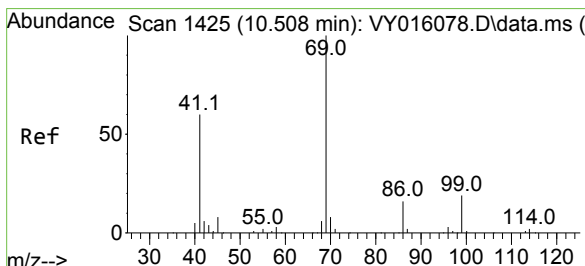
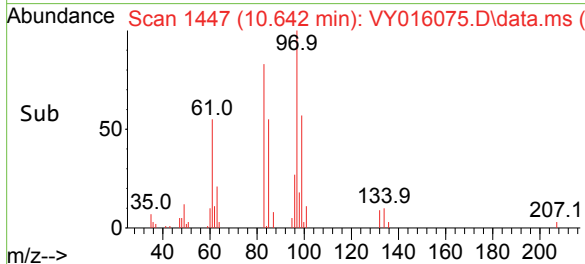
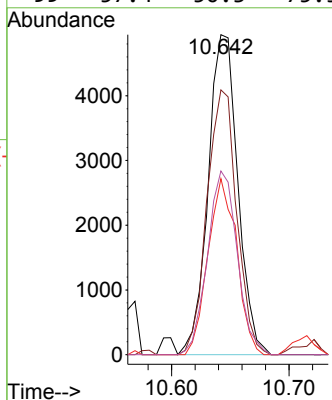
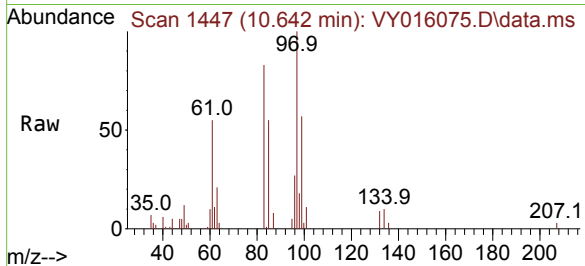




#55
1,1,2-Trichloroethane
Concen: 4.941 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY016075.D
Acq: 26 Oct 2023 11:35

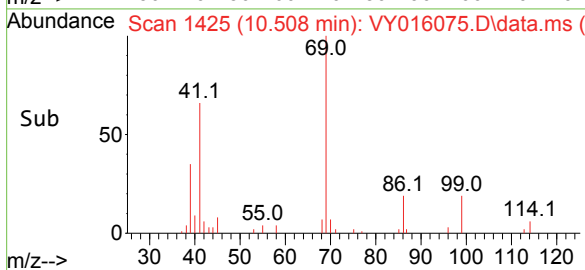
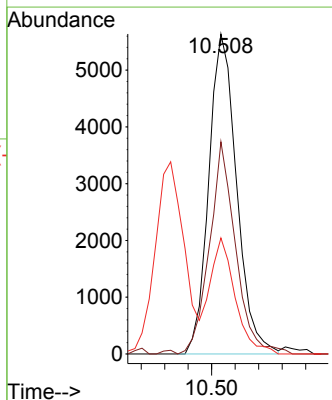
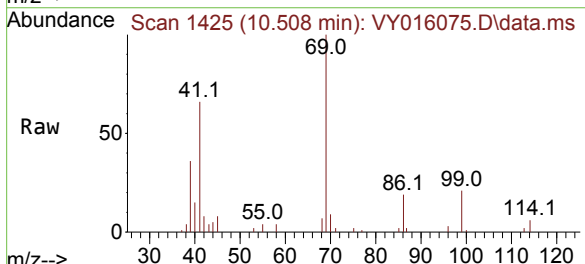
Instrument :
MSVOA_Y
ClientSampleId :

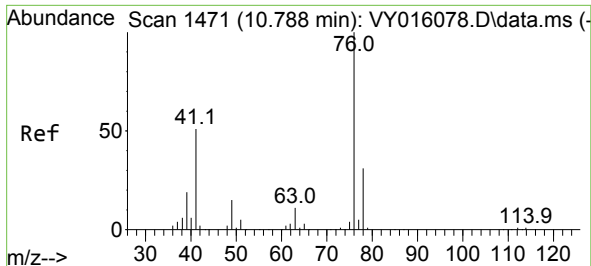
Tgt Ion: 97	Resp: 8680
Ion Ratio	Lower Upper
97 100	
83 82.7	72.0 108.0
85 55.0	45.4 68.0
99 57.4	50.3 75.5



#56
Ethyl methacrylate
Concen: 4.113 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY016075.D
Acq: 26 Oct 2023 11:35

Tgt Ion: 69	Resp: 9287
Ion Ratio	Lower Upper
69 100	
41 62.8	57.6 86.4
39 32.9	34.1 51.1#





#57

1,3-Dichloropropane

Concen: 4.683 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY016075.D

Acq: 26 Oct 2023 11:35

Instrument :

MSVOA_Y

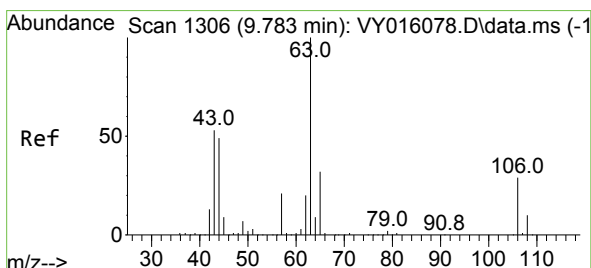
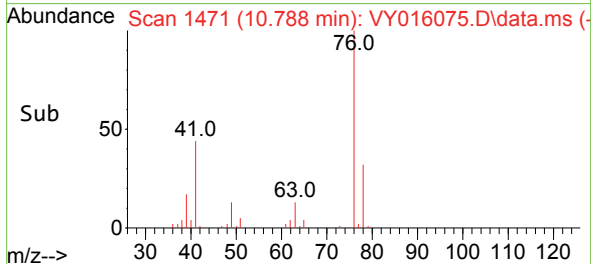
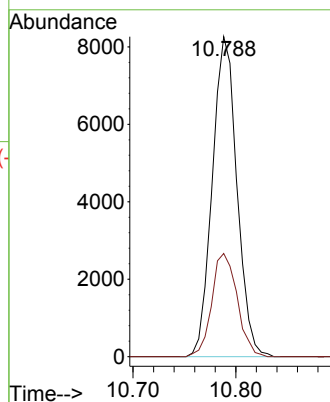
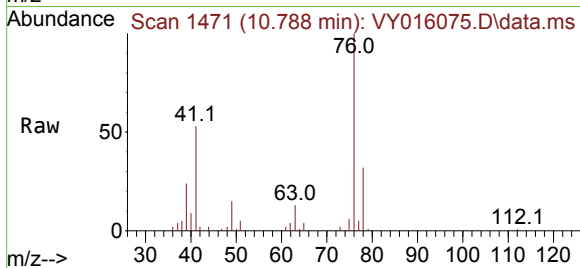
ClientSampleId :

Tgt Ion: 76 Resp: 13751

Ion Ratio Lower Upper

76 100

78 33.3 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 21.000 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY016075.D

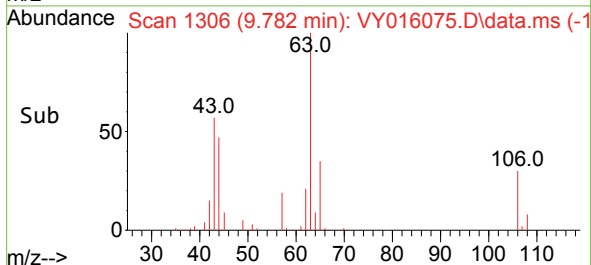
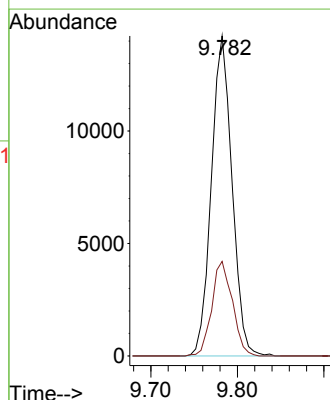
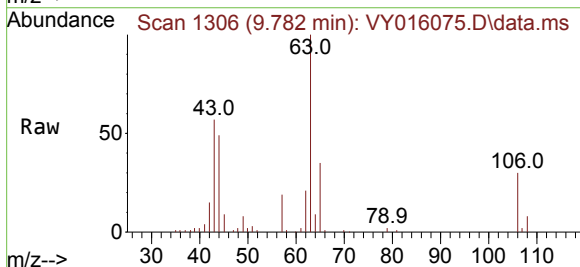
Acq: 26 Oct 2023 11:35

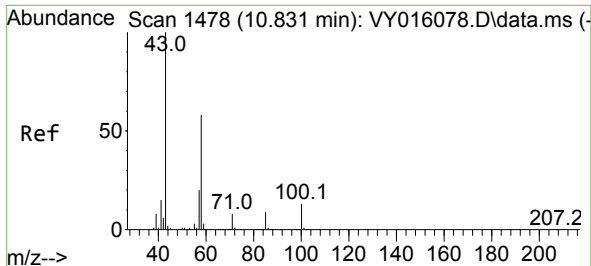
Tgt Ion: 63 Resp: 23603

Ion Ratio Lower Upper

63 100

106 29.4 21.2 31.8

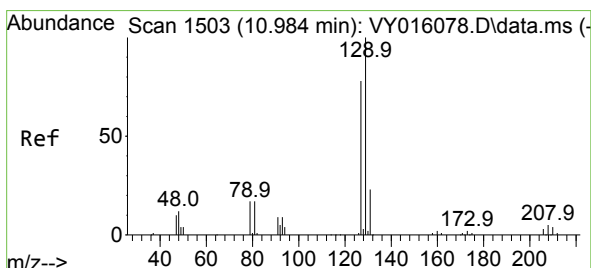
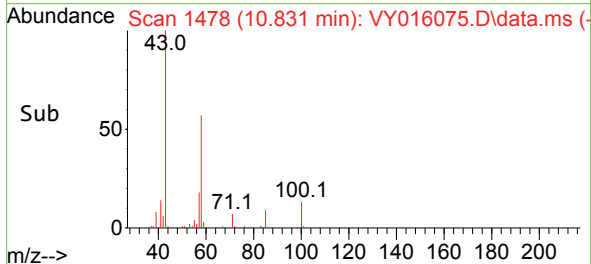
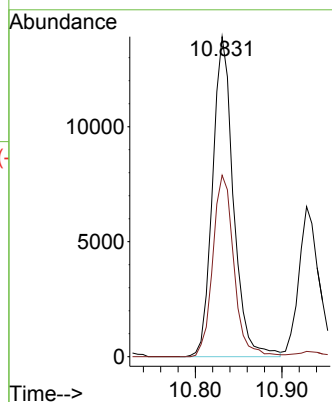
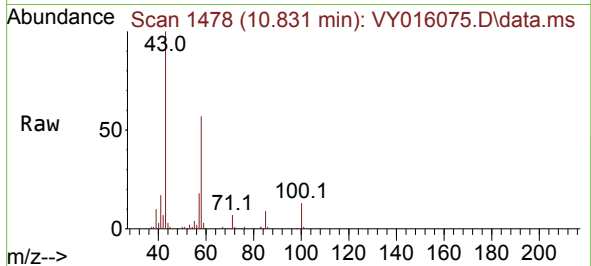




#59
2-Hexanone
Concen: 21.222 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY016075.D
Acq: 26 Oct 2023 11:35

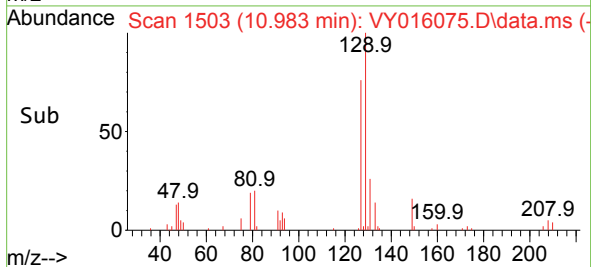
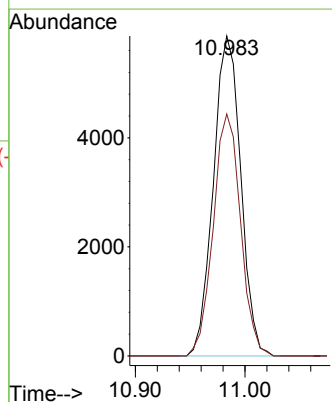
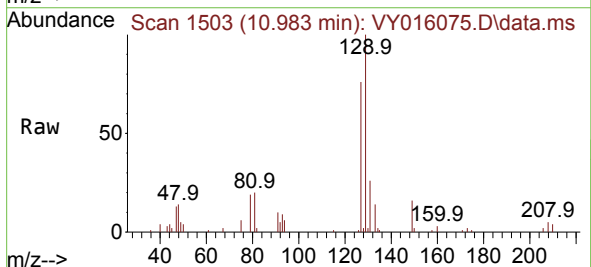
Instrument :
MSVOA_Y
ClientSampleId :

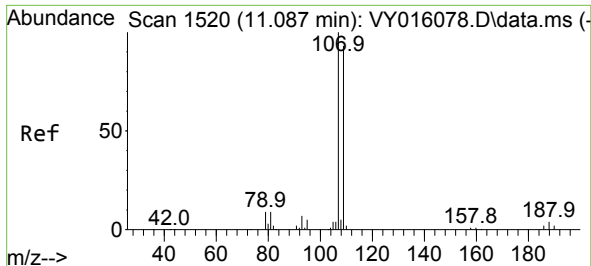
Tgt Ion: 43 Resp: 23264
Ion Ratio Lower Upper
43 100
58 57.4 25.1 75.3



#60
Dibromochloromethane
Concen: 4.737 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY016075.D
Acq: 26 Oct 2023 11:35

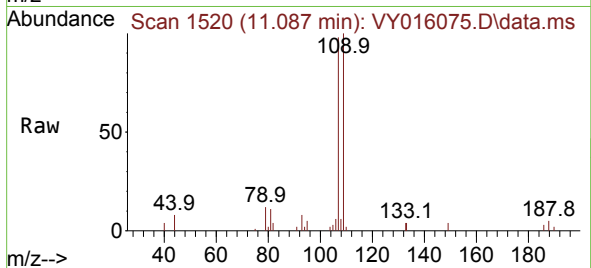
Tgt Ion: 129 Resp: 10191
Ion Ratio Lower Upper
129 100
127 75.4 38.5 115.5



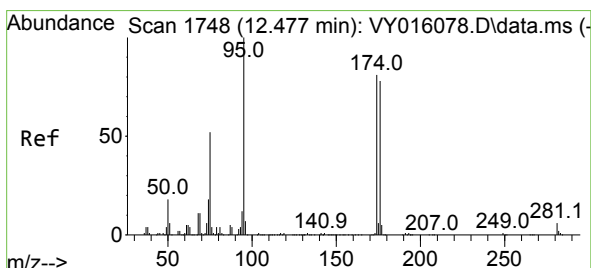
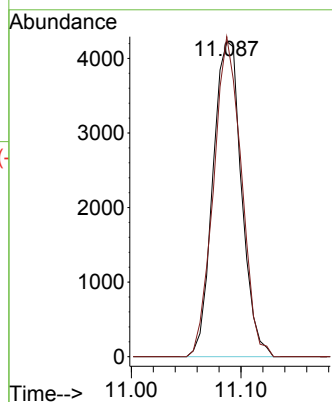
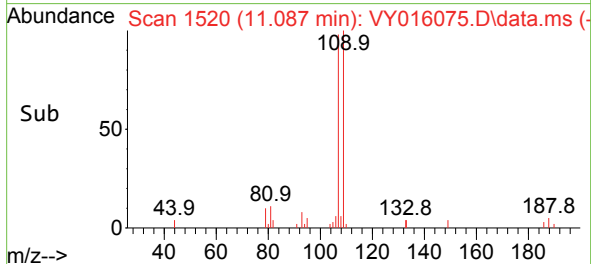


#61
1,2-Dibromoethane
Concen: 4.553 ug/l
RT: 11.087 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016075.D
Acq: 26 Oct 2023 11:35

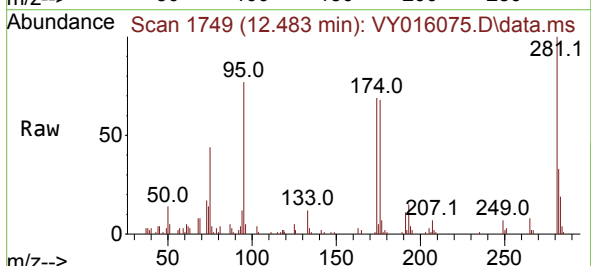
Instrument :
MSVOA_Y
ClientSampleId :



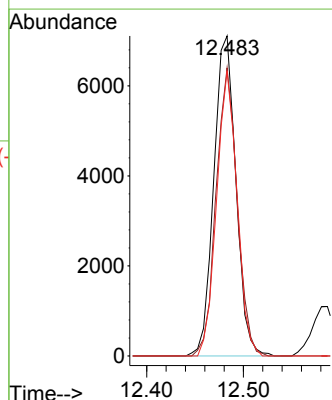
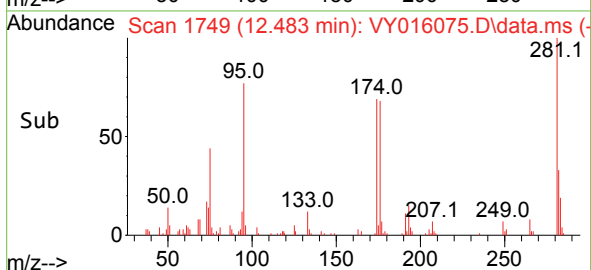
Tgt Ion:107 Resp: 7659
Ion Ratio Lower Upper
107 100
109 99.0 75.6 113.4

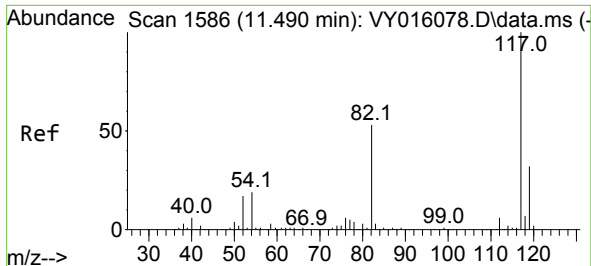


#62
4-Bromofluorobenzene
Concen: 4.214 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY016075.D
Acq: 26 Oct 2023 11:35



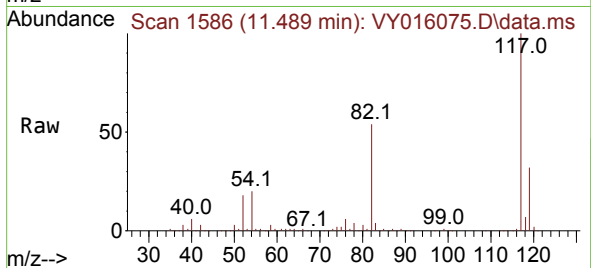
Tgt Ion: 95 Resp: 11304
Ion Ratio Lower Upper
95 100
174 85.3 0.0 178.2
176 82.2 0.0 173.8



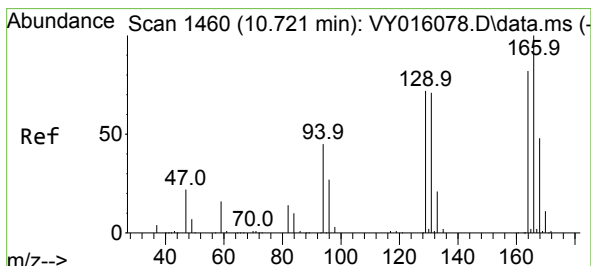
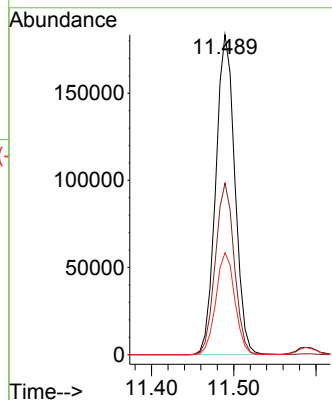
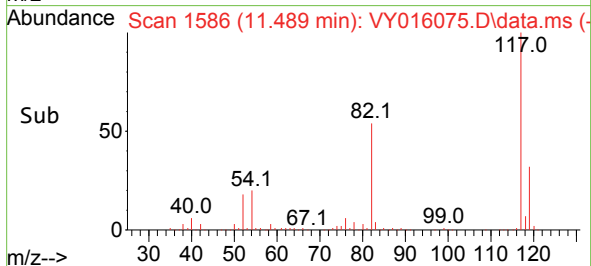


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016075.D
Acq: 26 Oct 2023 11:35

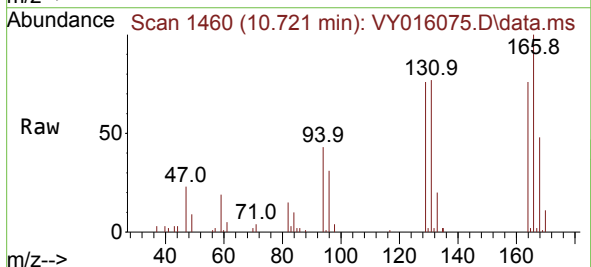
Instrument :
MSVOA_Y
ClientSampleId :



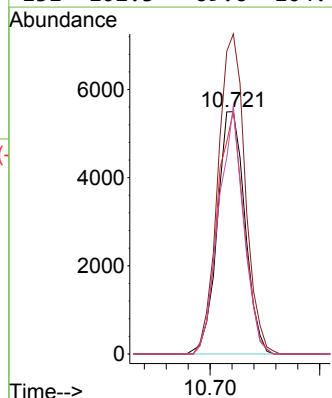
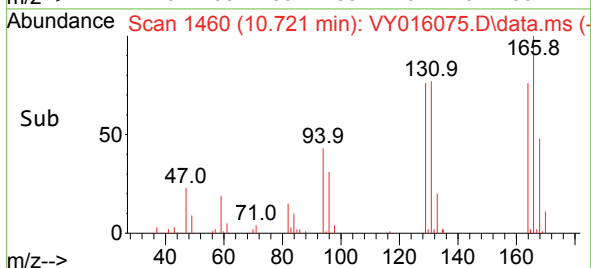
Tgt Ion:117 Resp: 295701
Ion Ratio Lower Upper
117 100
82 53.6 43.4 65.0
119 31.8 26.3 39.5

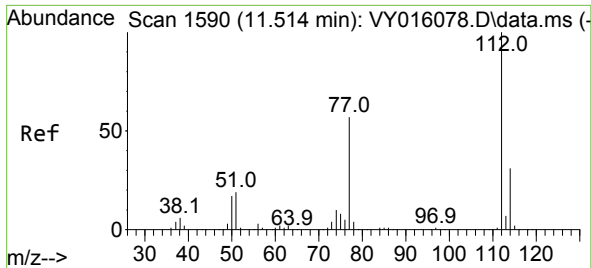


#64
Tetrachloroethene
Concen: 4.888 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY016075.D
Acq: 26 Oct 2023 11:35



Tgt Ion:164 Resp: 9565
Ion Ratio Lower Upper
164 100
166 132.1 103.0 154.6
129 100.4 77.2 115.8
131 102.3 69.6 104.4

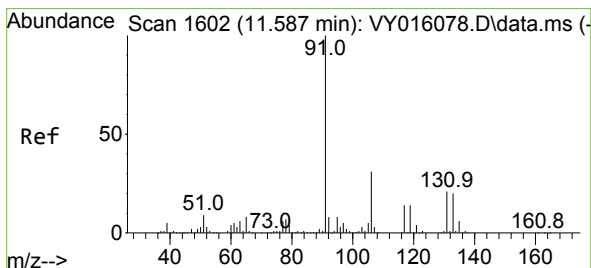
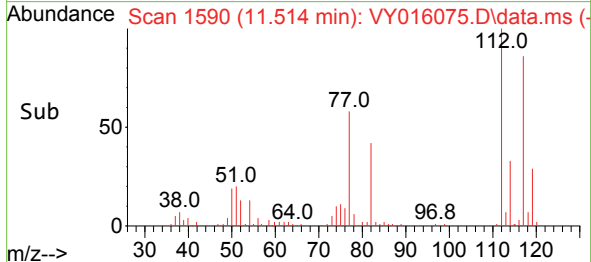
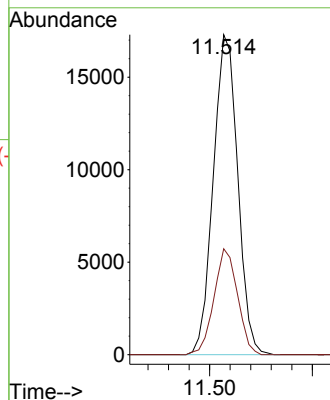
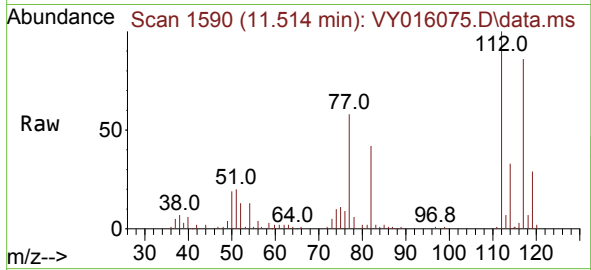




#65
Chlorobenzene
Concen: 4.911 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016075.D
Acq: 26 Oct 2023 11:35

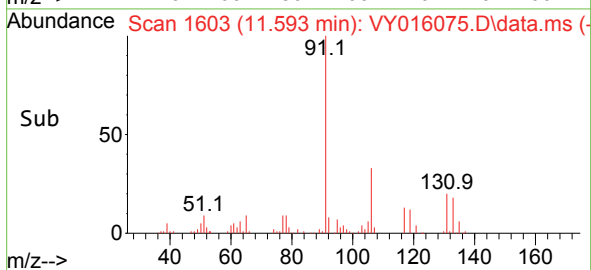
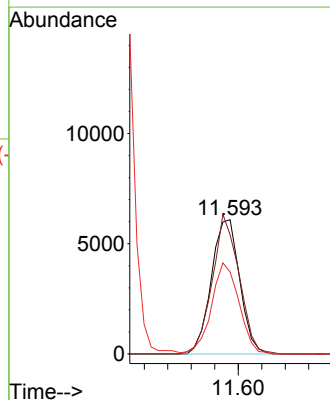
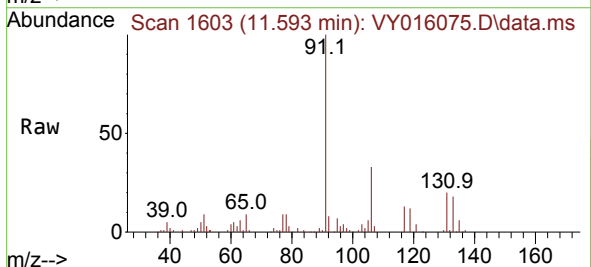
Instrument :
MSVOA_Y
ClientSampleId :

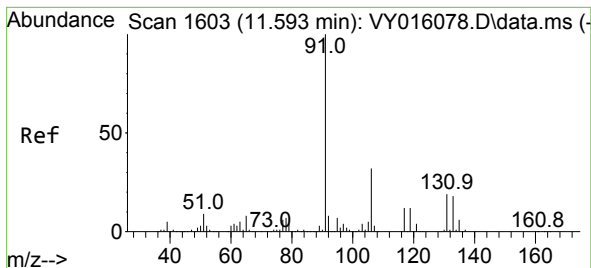
Tgt Ion:112 Resp: 28536
Ion Ratio Lower Upper
112 100
114 33.1 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 4.711 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY016075.D
Acq: 26 Oct 2023 11:35

Tgt Ion:131 Resp: 10224
Ion Ratio Lower Upper
131 100
133 98.2 47.5 142.6
119 65.7 31.6 94.7





#67

Ethyl Benzene

Concen: 4.756 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY016075.D

Acq: 26 Oct 2023 11:35

Instrument :

MSVOA_Y

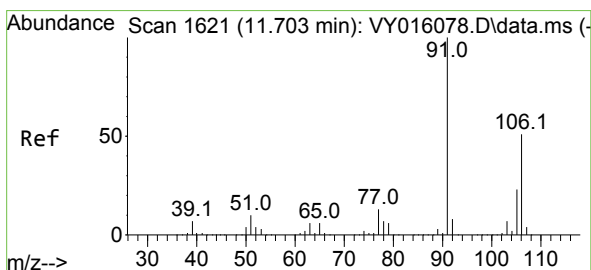
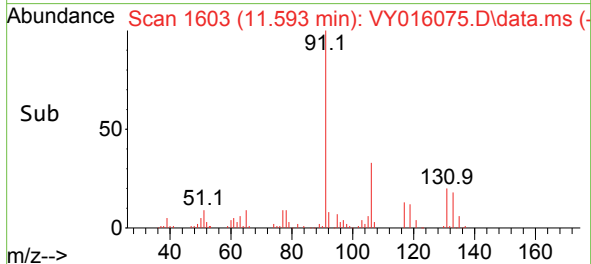
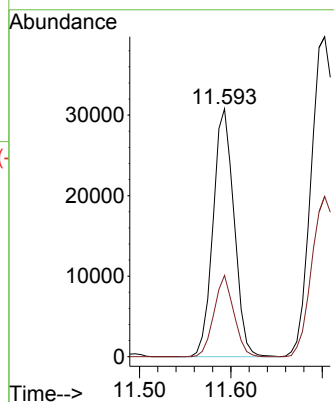
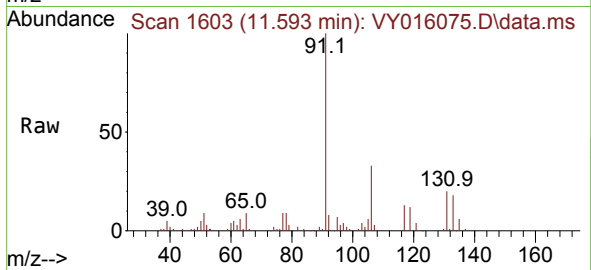
ClientSampleId :

Tgt Ion: 91 Resp: 49093

Ion Ratio Lower Upper

91 100

106 32.8 24.6 36.8



#68

m/p-Xylenes

Concen: 9.356 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY016075.D

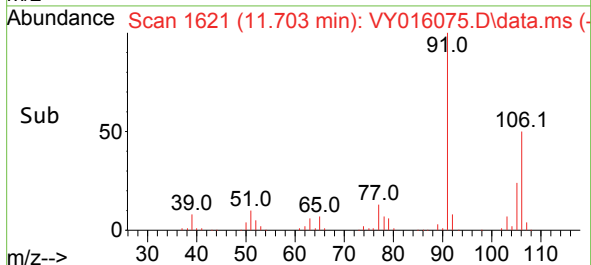
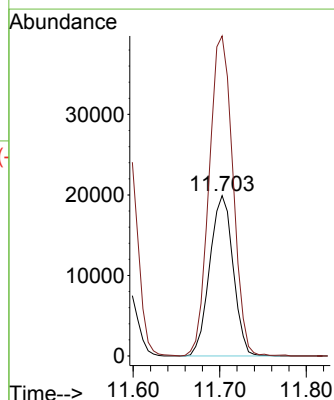
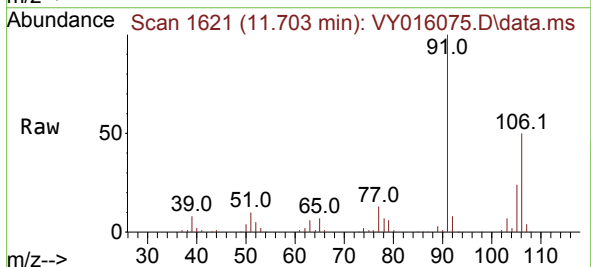
Acq: 26 Oct 2023 11:35

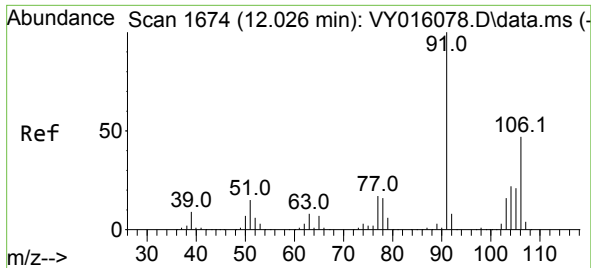
Tgt Ion: 106 Resp: 37371

Ion Ratio Lower Upper

106 100

91 202.8 166.1 249.1

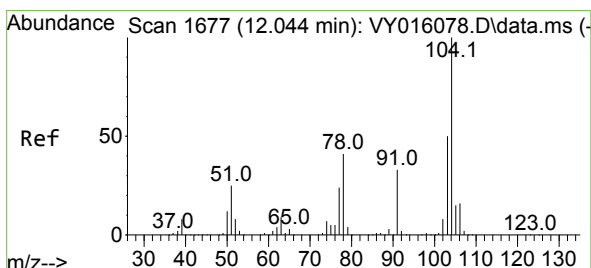
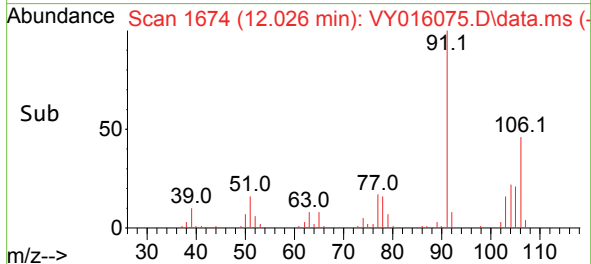
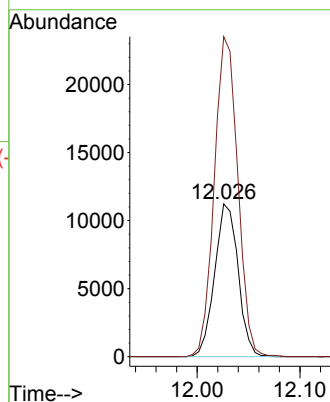
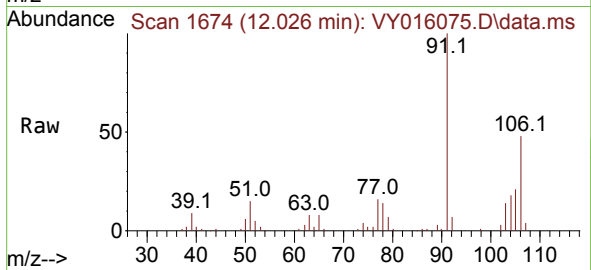




#69
o-Xylene
Concen: 4.654 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY016075.D
Acq: 26 Oct 2023 11:35

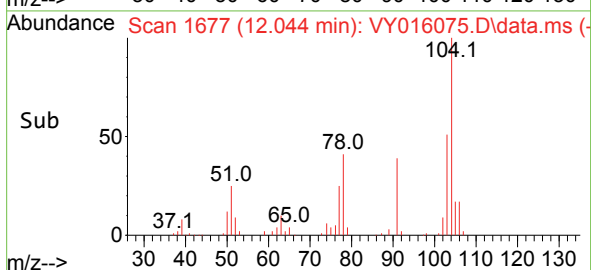
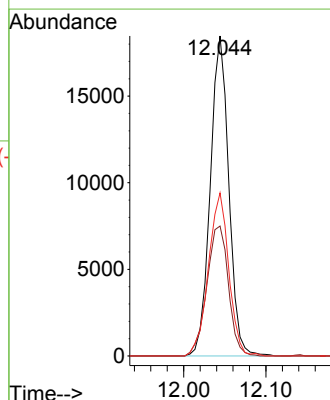
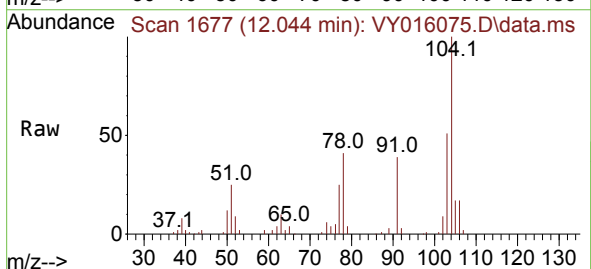
Instrument :
MSVOA_Y
ClientSampleId :

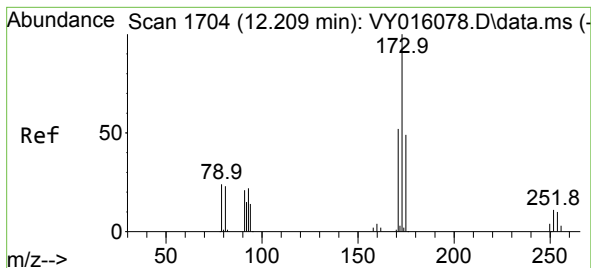
Tgt Ion:106 Resp: 17795
Ion Ratio Lower Upper
106 100
91 209.9 108.1 324.3



#70
Styrene
Concen: 4.528 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY016075.D
Acq: 26 Oct 2023 11:35

Tgt Ion:104 Resp: 28861
Ion Ratio Lower Upper
104 100
78 47.4 41.5 62.3
103 55.9 44.6 67.0





#71

Bromoform

Concen: 4.590 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016075.D

Acq: 26 Oct 2023 11:35

Instrument :

MSVOA_Y

ClientSampleId :

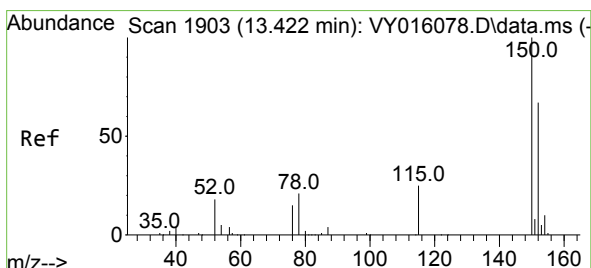
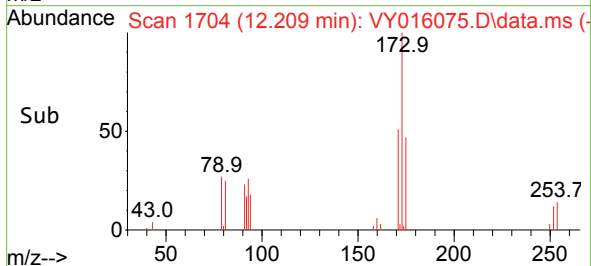
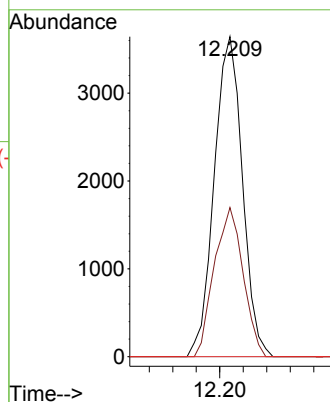
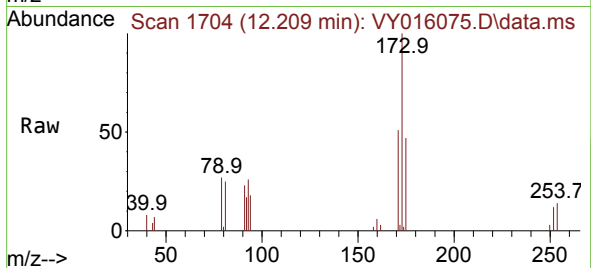
Tgt Ion:173 Resp: 6067

Ion Ratio Lower Upper

173 100

175 47.6 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. 0.006 min

Lab File: VY016075.D

Acq: 26 Oct 2023 11:35

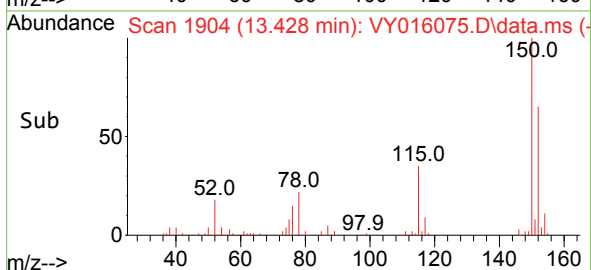
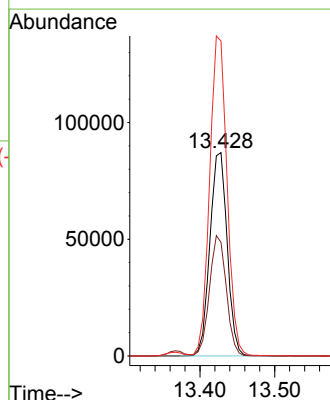
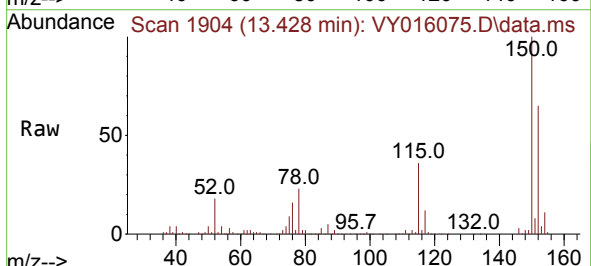
Tgt Ion:152 Resp: 140199

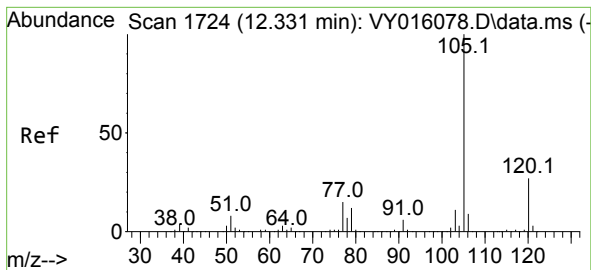
Ion Ratio Lower Upper

152 100

115 57.7 28.8 86.5

150 158.1 0.0 348.8





#73

Isopropylbenzene

Concen: 4.849 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. -0.000 min

Lab File: VY016075.D

Acq: 26 Oct 2023 11:35

Instrument :

MSVOA_Y

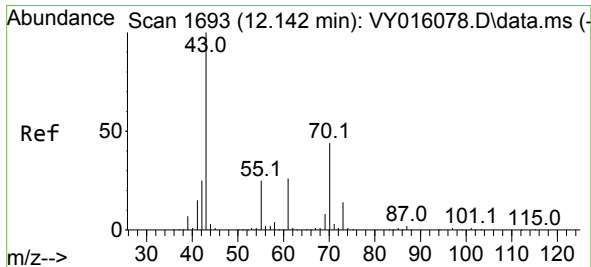
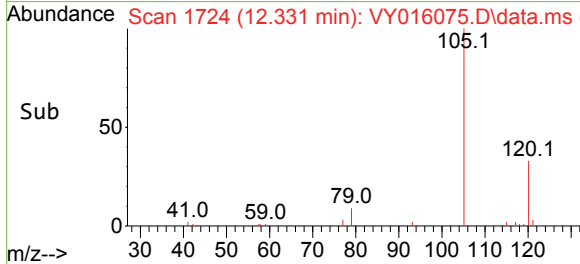
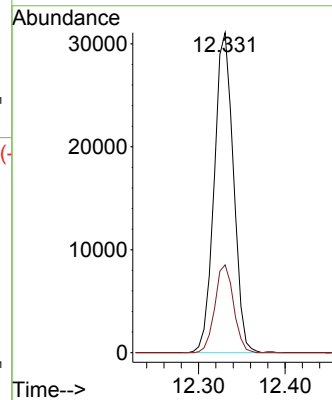
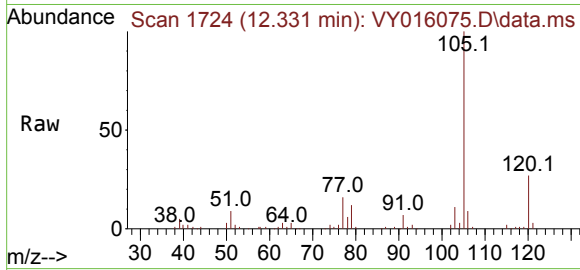
ClientSampleId :

Tgt Ion:105 Resp: 47847

Ion Ratio Lower Upper

105 100

120 26.8 13.3 39.9



#74

N-ethyl acetate

Concen: 4.369 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY016075.D

Acq: 26 Oct 2023 11:35

Tgt Ion: 43 Resp: 10510

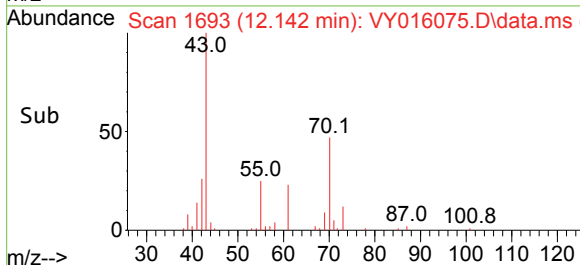
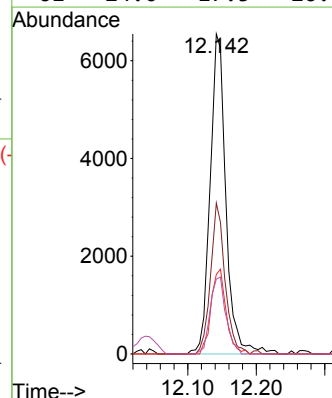
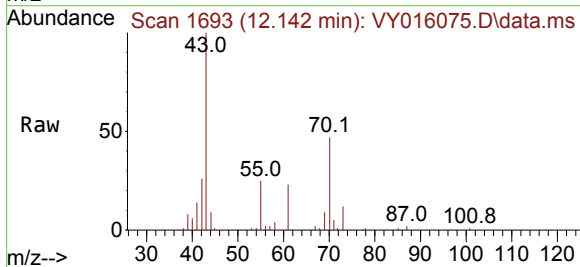
Ion Ratio Lower Upper

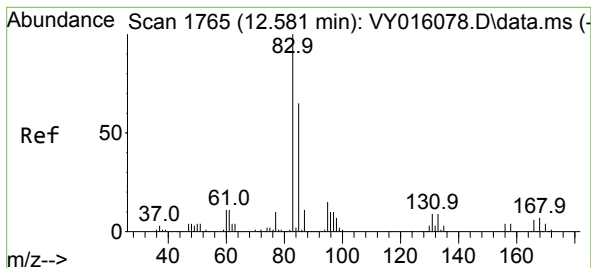
43 100

70 43.1 29.7 44.5

55 25.3 18.3 27.5

61 24.0 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 4.775 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY016075.D

Acq: 26 Oct 2023 11:35

Instrument :

MSVOA_Y

ClientSampleId :

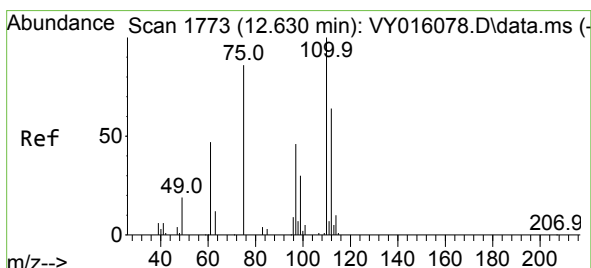
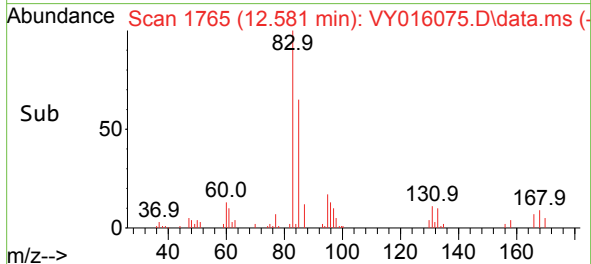
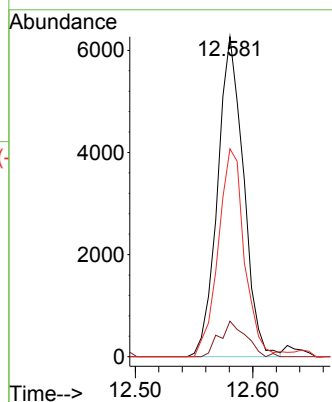
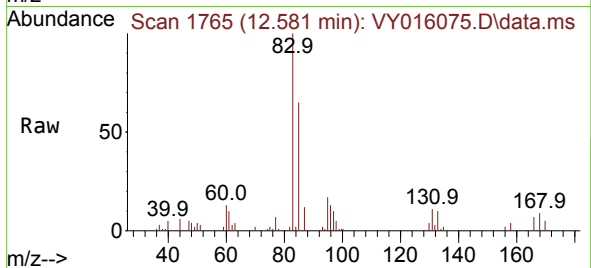
Tgt Ion: 83 Resp: 9630

Ion Ratio Lower Upper

83 100

131 11.4 5.4 16.2

85 66.0 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 8.147 ug/l

RT: 12.635 min Scan# 1774

Delta R.T. 0.006 min

Lab File: VY016075.D

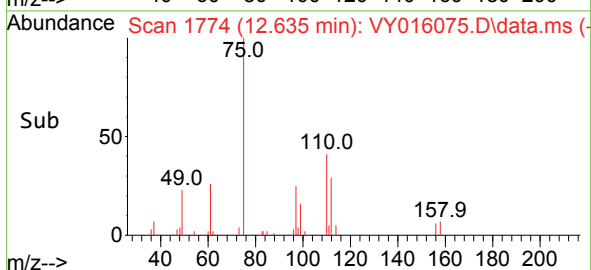
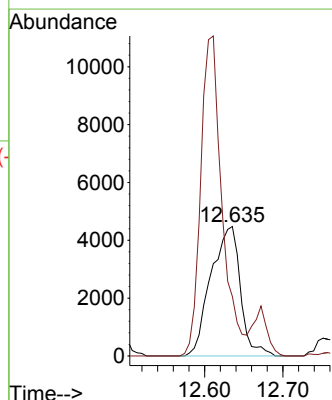
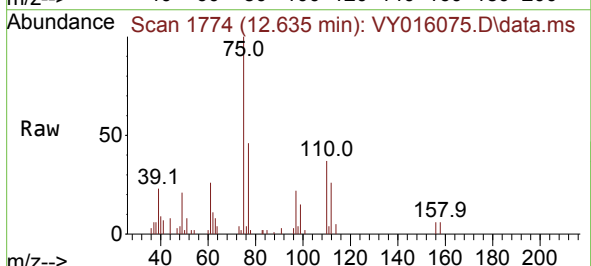
Acq: 26 Oct 2023 11:35

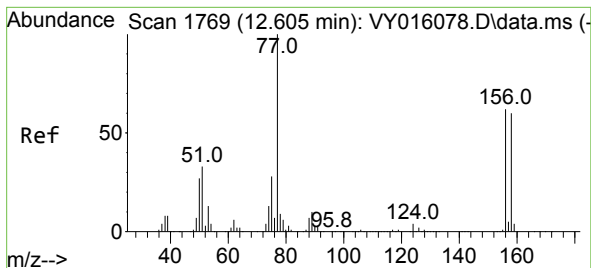
Tgt Ion: 75 Resp: 11742

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 4.962 ug/l

RT: 12.611 min Scan# 1769

Delta R.T. 0.006 min

Lab File: VY016075.D

Acq: 26 Oct 2023 11:35

Instrument :

MSVOA_Y

ClientSampleId :

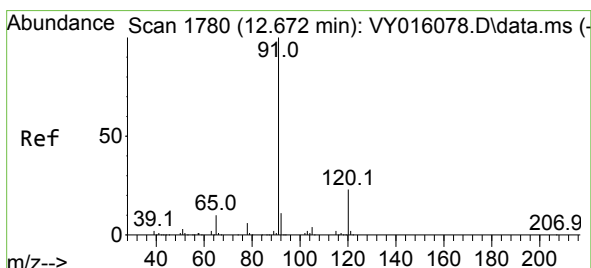
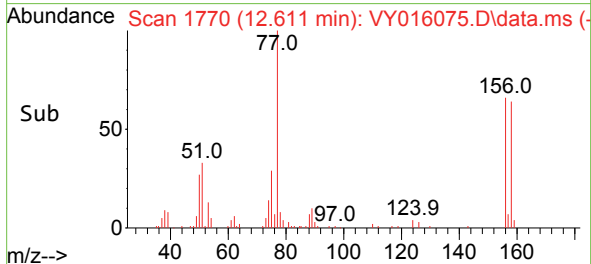
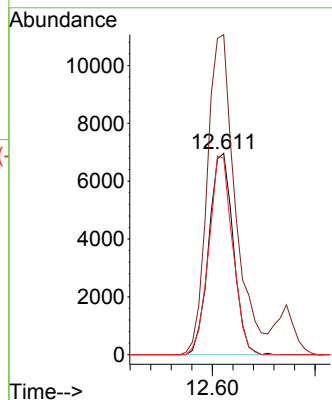
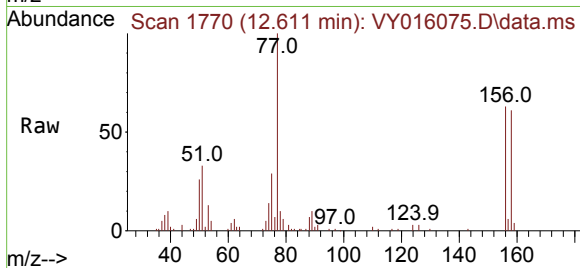
Tgt Ion:156 Resp: 11425

Ion Ratio Lower Upper

156 100

77 183.4 92.8 278.6

158 96.7 48.4 145.3



#78

n-propylbenzene

Concen: 4.862 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VY016075.D

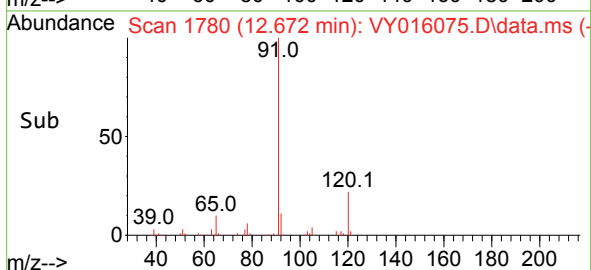
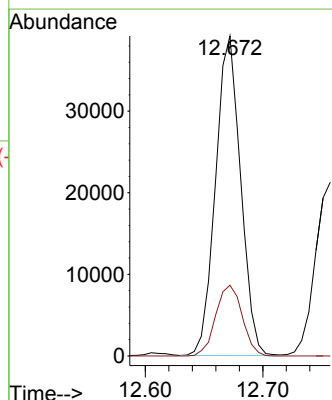
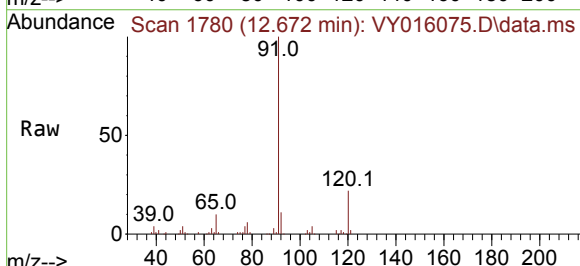
Acq: 26 Oct 2023 11:35

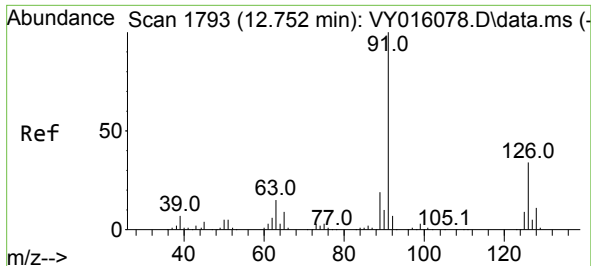
Tgt Ion: 91 Resp: 58081

Ion Ratio Lower Upper

91 100

120 23.4 11.5 34.4

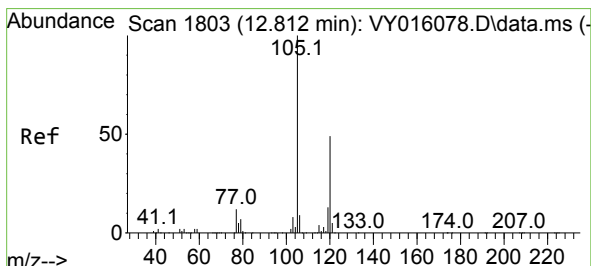
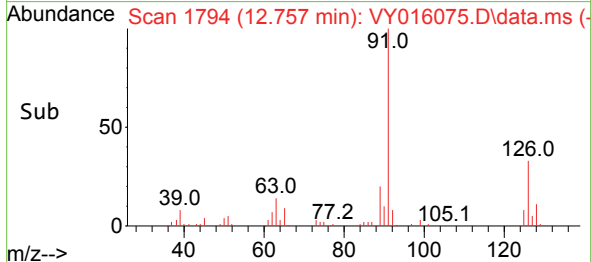
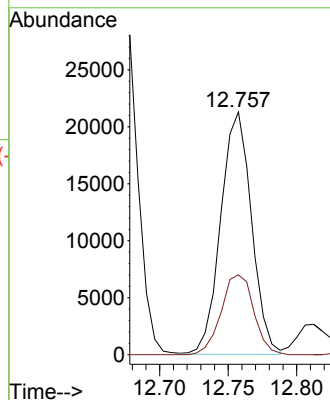
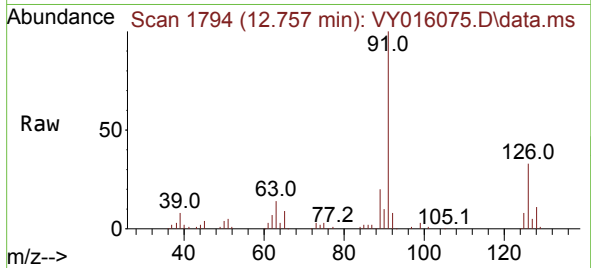




#79
2-Chlorotoluene
Concen: 4.964 ug/l
RT: 12.757 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016075.D
Acq: 26 Oct 2023 11:35

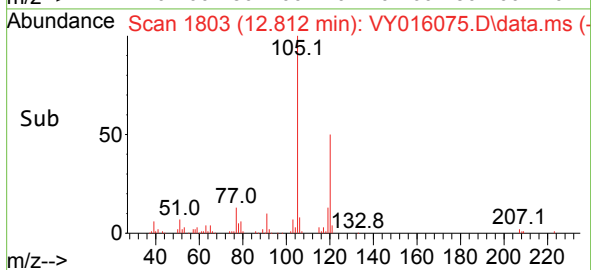
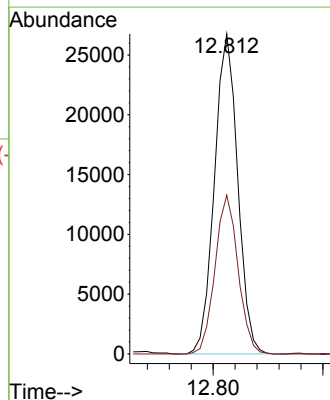
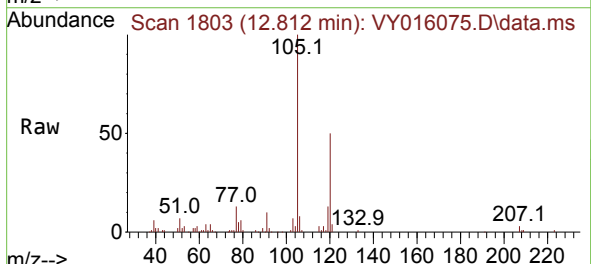
Instrument :
MSVOA_Y
ClientSampleId :

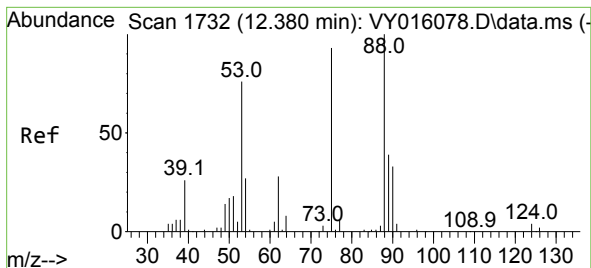
Tgt Ion: 91 Resp: 33216
Ion Ratio Lower Upper
91 100
126 34.9 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 4.812 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY016075.D
Acq: 26 Oct 2023 11:35

Tgt Ion: 105 Resp: 39419
Ion Ratio Lower Upper
105 100
120 49.1 23.9 71.7

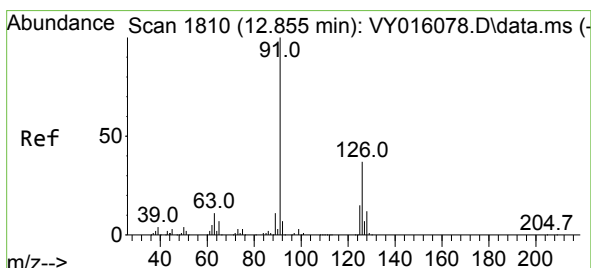
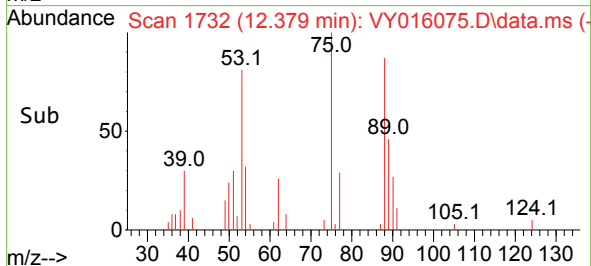
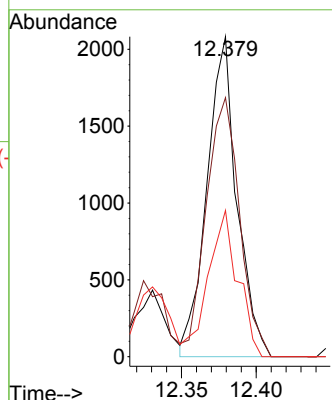
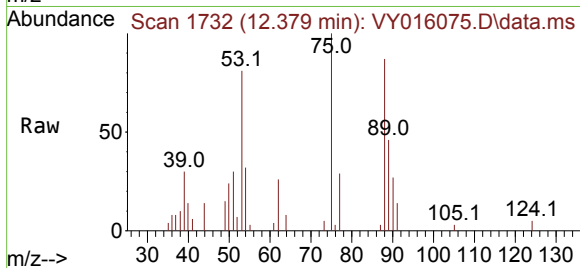




#81
trans-1,4-Dichloro-2-butene
Concen: 4.403 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY016075.D
Acq: 26 Oct 2023 11:35

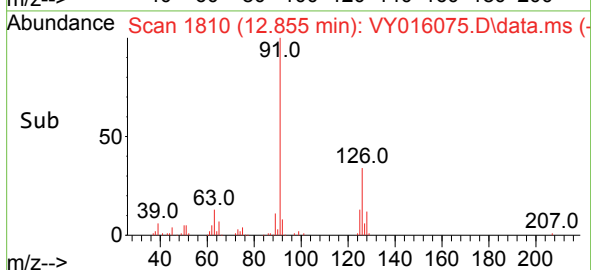
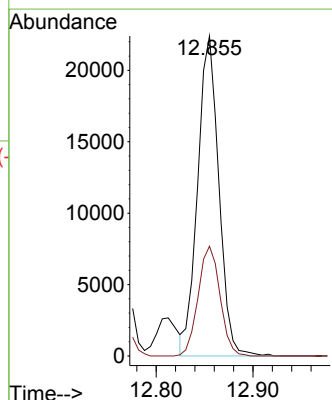
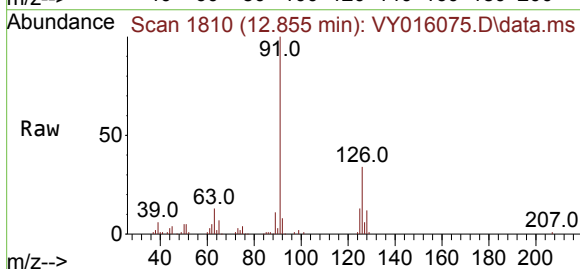
Instrument :
MSVOA_Y
ClientSampleId :

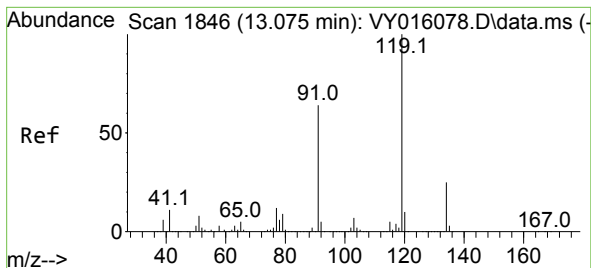
Tgt Ion: 75 Resp: 2900
Ion Ratio Lower Upper
75 100
53 90.3 77.8 116.8
89 45.4 37.4 56.0



#82
4-Chlorotoluene
Concen: 4.919 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY016075.D
Acq: 26 Oct 2023 11:35

Tgt Ion: 91 Resp: 34135
Ion Ratio Lower Upper
91 100
126 35.4 17.2 51.6





#83

tert-Butylbenzene

Concen: 4.789 ug/l

RT: 13.074 min Scan# 119

Delta R.T. -0.000 min

Lab File: VY016075.D

Acq: 26 Oct 2023 11:35

Instrument :

MSVOA_Y

ClientSampleId :

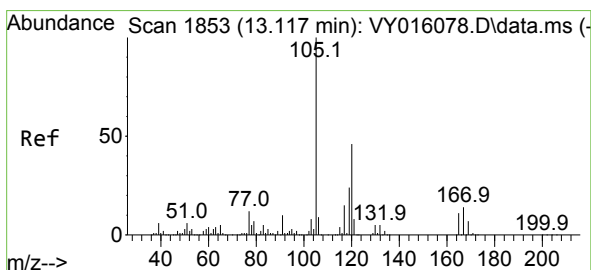
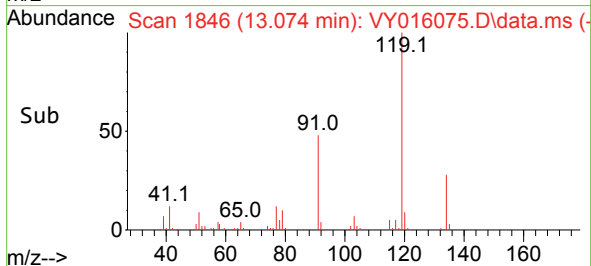
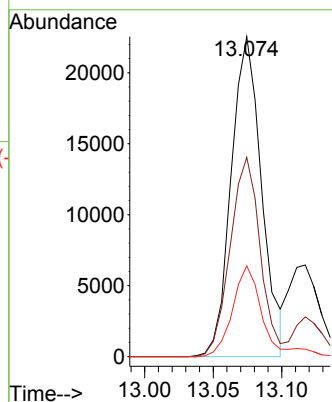
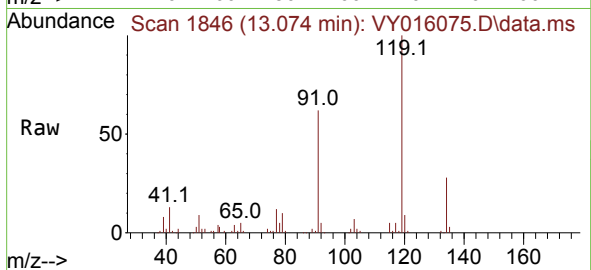
Tgt Ion:119 Resp: 34872

Ion Ratio Lower Upper

119 100

91 61.3 32.9 98.6

134 28.2 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 4.717 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VY016075.D

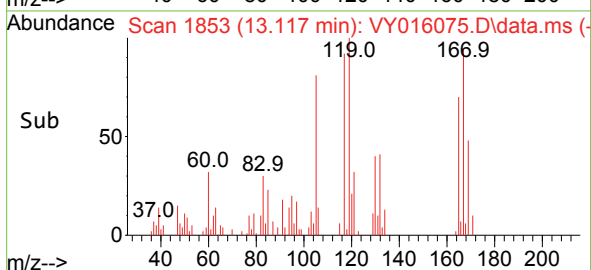
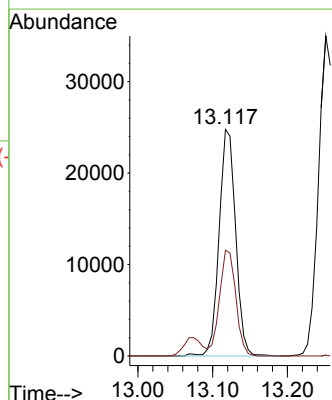
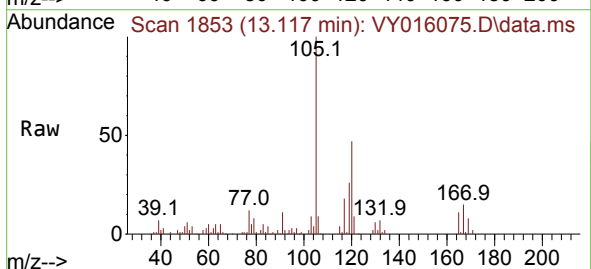
Acq: 26 Oct 2023 11:35

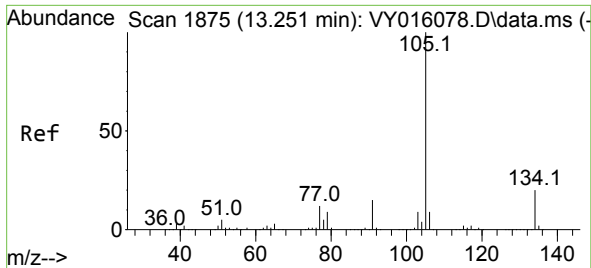
Tgt Ion:105 Resp: 38165

Ion Ratio Lower Upper

105 100

120 46.0 22.2 66.6

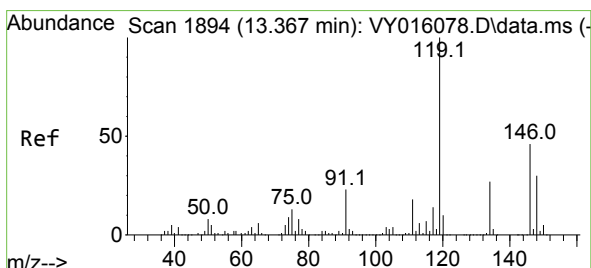
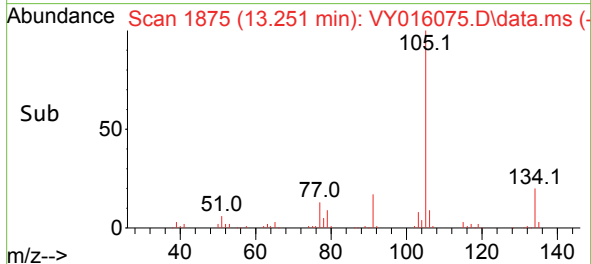
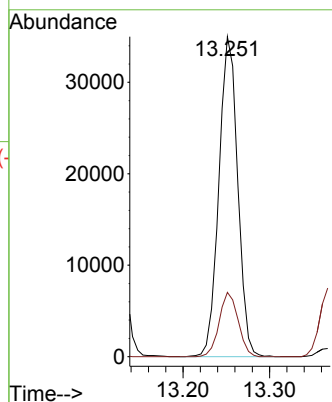
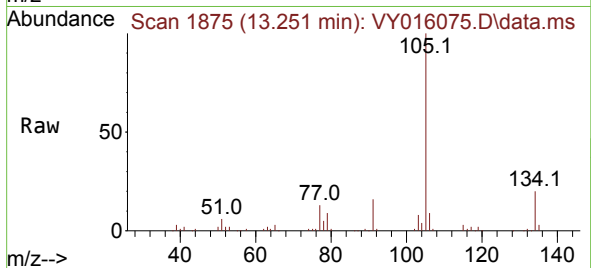




#85
 sec-Butylbenzene
 Concen: 4.868 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: VY016075.D
 Acq: 26 Oct 2023 11:35

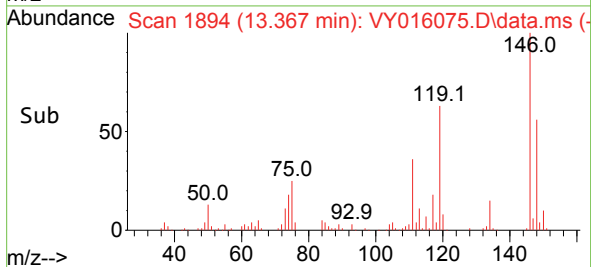
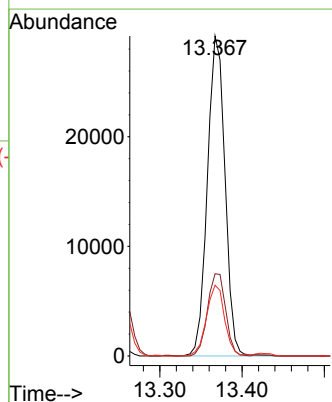
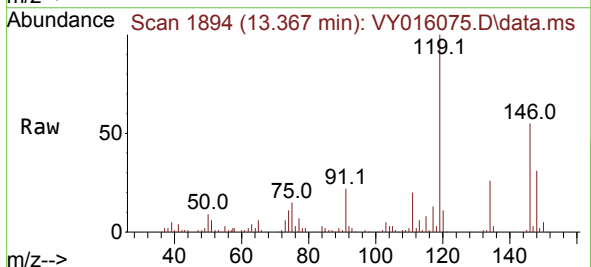
Instrument :
 MSVOA_Y
 ClientSampleId :

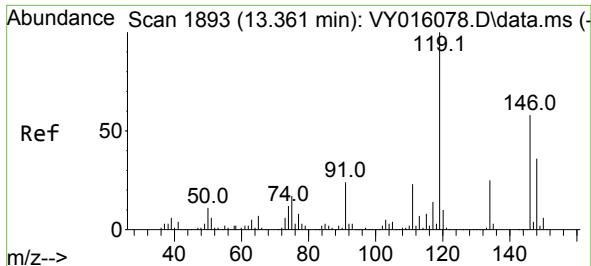
Tgt Ion:105 Resp: 52791
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 4.795 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VY016075.D
 Acq: 26 Oct 2023 11:35

Tgt Ion:119 Resp: 43392
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.3 39.8
 91 22.9 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 5.065 ug/l

RT: 13.367 min Scan# 1893

Delta R.T. 0.006 min

Lab File: VY016075.D

Acq: 26 Oct 2023 11:35

Instrument :

MSVOA_Y

ClientSampleId :

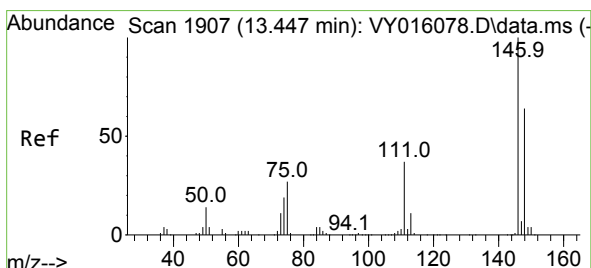
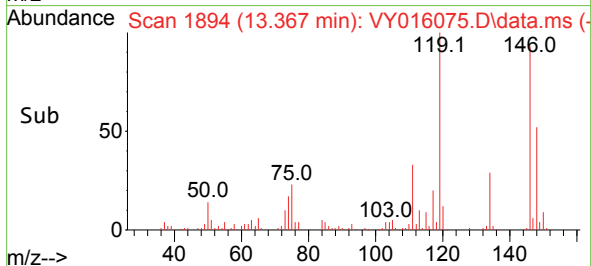
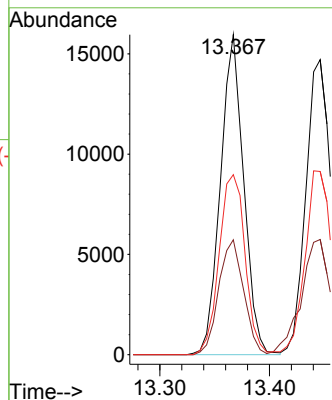
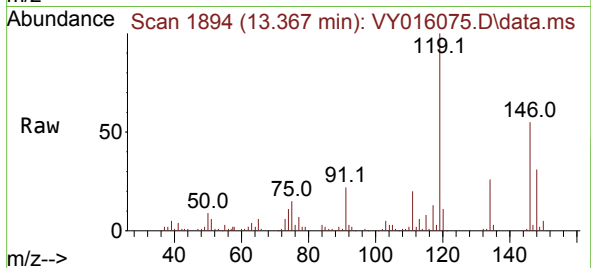
Tgt Ion:146 Resp: 23551

Ion Ratio Lower Upper

146 100

111 38.4 19.4 58.2

148 62.9 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 5.112 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY016075.D

Acq: 26 Oct 2023 11:35

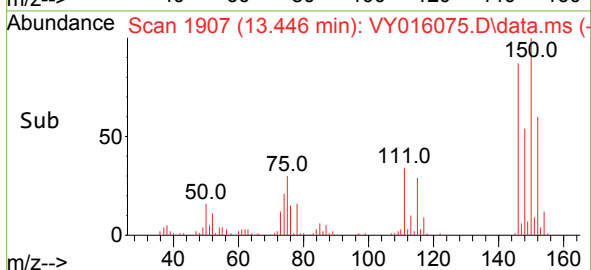
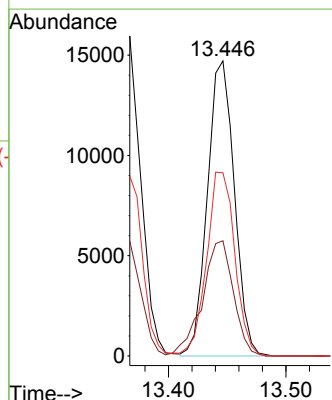
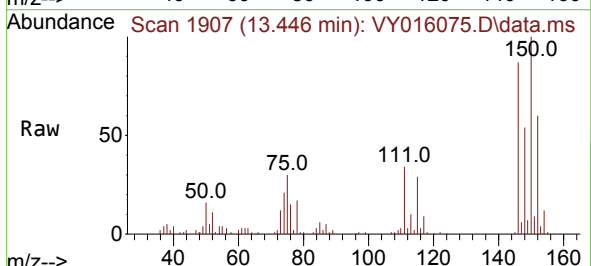
Tgt Ion:146 Resp: 23493

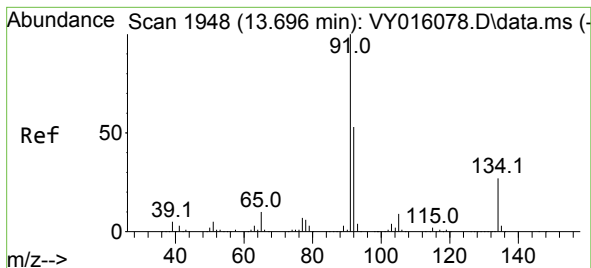
Ion Ratio Lower Upper

146 100

111 45.1 18.9 56.7

148 65.2 32.1 96.5





#89

n-Butylbenzene

Concen: 4.753 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY016075.D

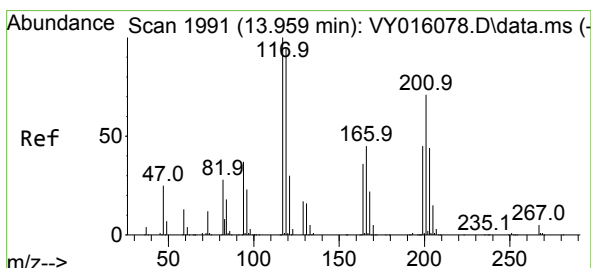
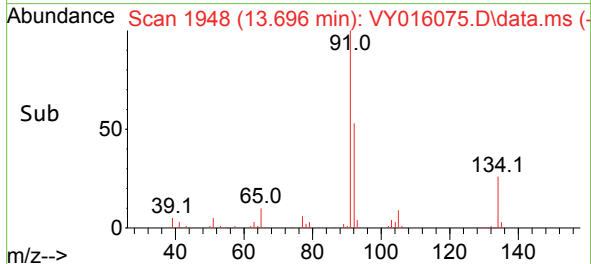
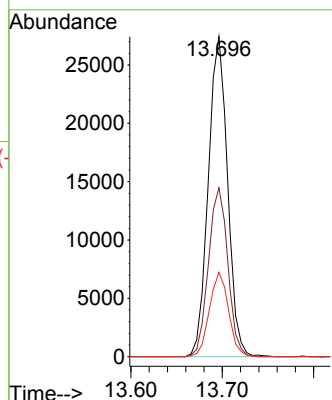
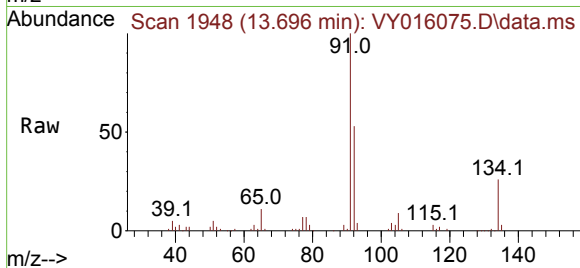
Acq: 26 Oct 2023 11:35

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	91	Resp:	40122
Ion	Ratio	Lower	Upper
91	100		
92	53.1	25.4	76.0
134	26.2	12.6	37.6



#90

Hexachloroethane

Concen: 4.904 ug/l

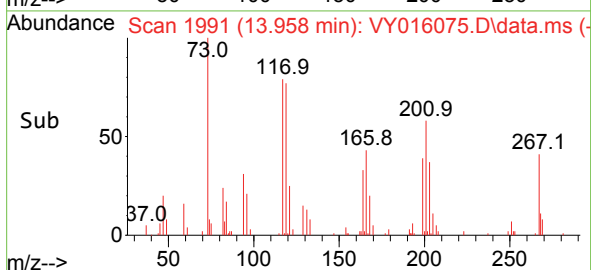
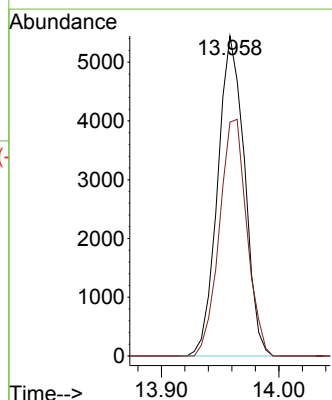
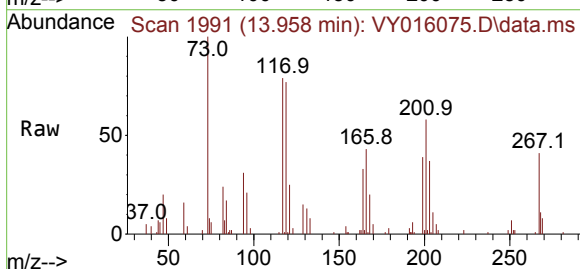
RT: 13.958 min Scan# 1991

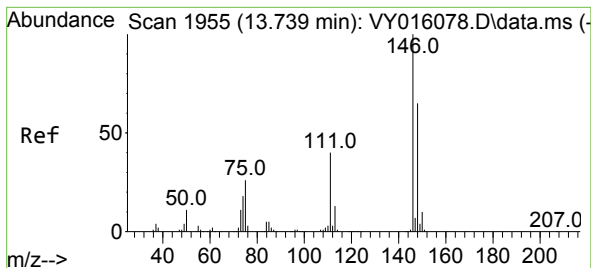
Delta R.T. -0.000 min

Lab File: VY016075.D

Acq: 26 Oct 2023 11:35

Tgt Ion:	117	Resp:	8641
Ion	Ratio	Lower	Upper
117	100		
201	75.8	41.6	124.8





#91

1,2-Dichlorobenzene

Concen: 4.877 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

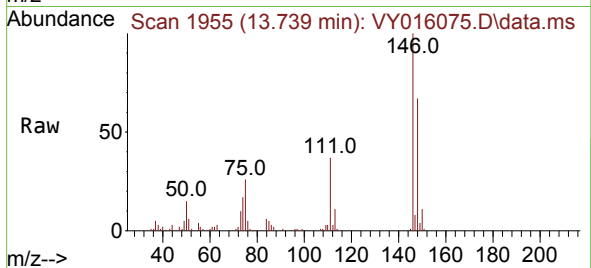
Lab File: VY016075.D

Acq: 26 Oct 2023 11:35

Instrument :

MSVOA_Y

ClientSampleId :



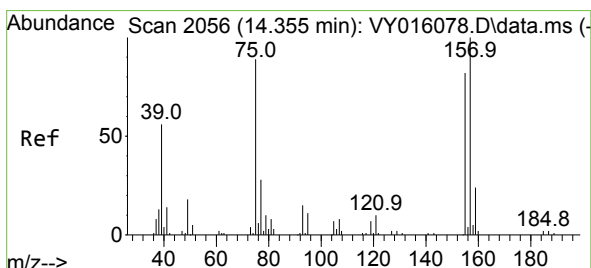
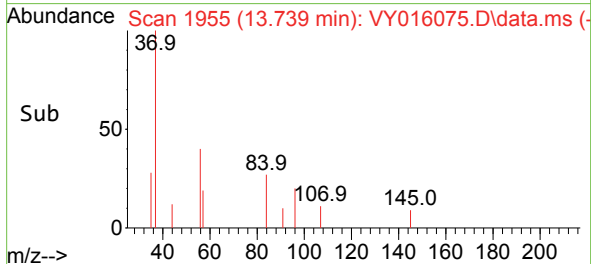
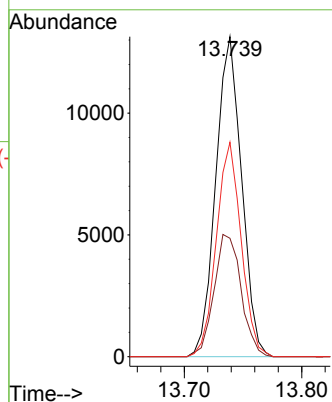
Tgt Ion:146 Resp: 20077

Ion Ratio Lower Upper

146 100

111 40.1 19.7 59.0

148 64.6 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.630 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY016075.D

Acq: 26 Oct 2023 11:35

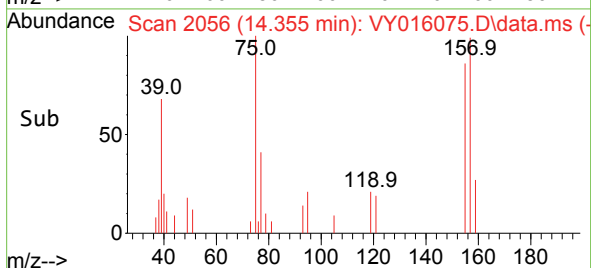
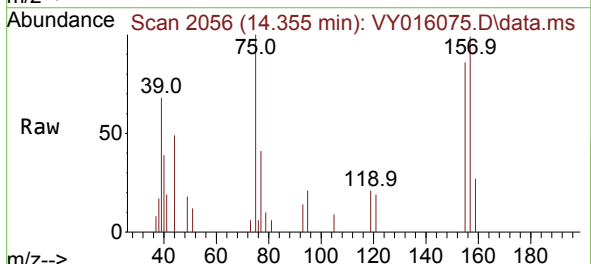
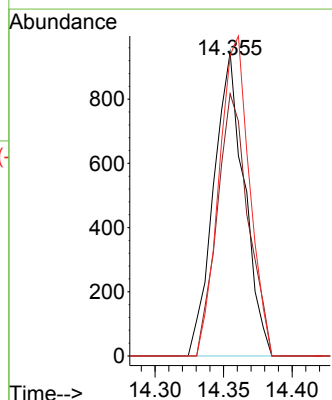
Tgt Ion: 75 Resp: 1466

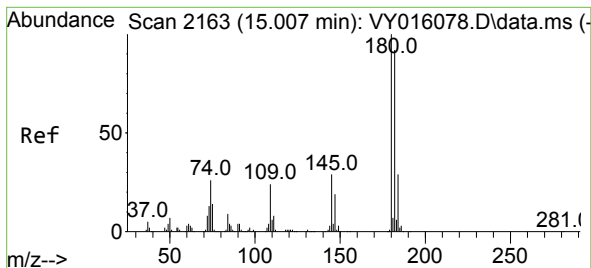
Ion Ratio Lower Upper

75 100

155 87.9 41.5 124.6

157 104.8 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 4.701 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY016075.D

Acq: 26 Oct 2023 11:35

Instrument :

MSVOA_Y

ClientSampleId :

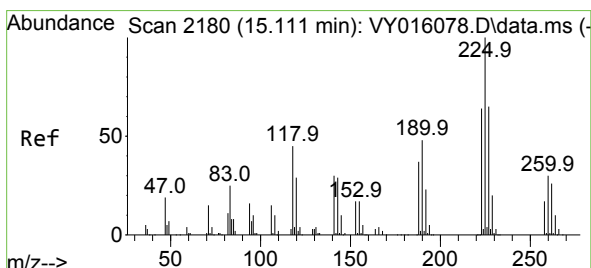
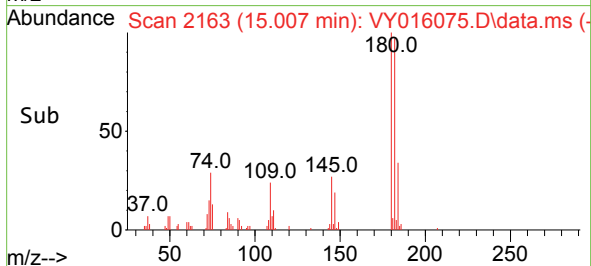
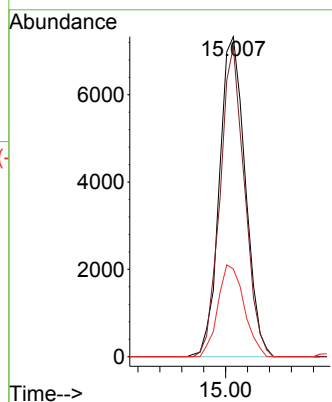
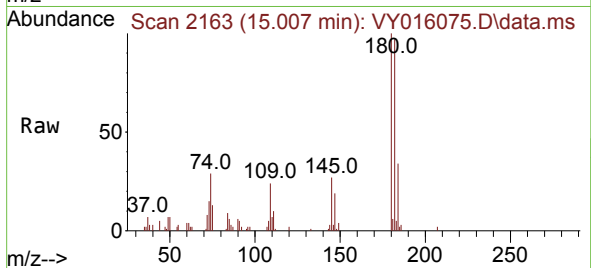
Tgt Ion:180 Resp: 11972

Ion Ratio Lower Upper

180 100

182 91.7 47.0 141.2

145 29.2 14.5 43.5



#94

Hexachlorobutadiene

Concen: 4.809 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY016075.D

Acq: 26 Oct 2023 11:35

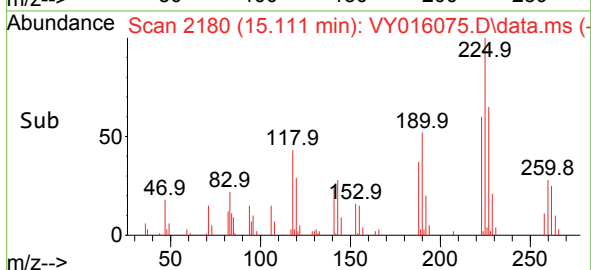
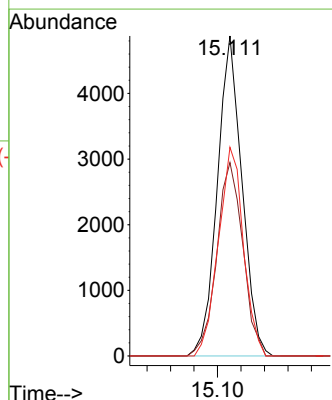
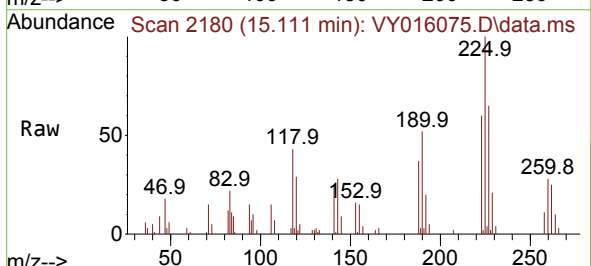
Tgt Ion:225 Resp: 7109

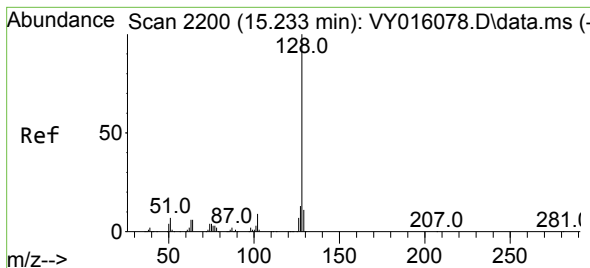
Ion Ratio Lower Upper

225 100

223 64.0 31.9 95.9

227 66.2 33.0 98.9





#95

Naphthalene

Concen: 4.289 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY016075.D

Acq: 26 Oct 2023 11:35

Instrument :

MSVOA_Y

ClientSampleId :

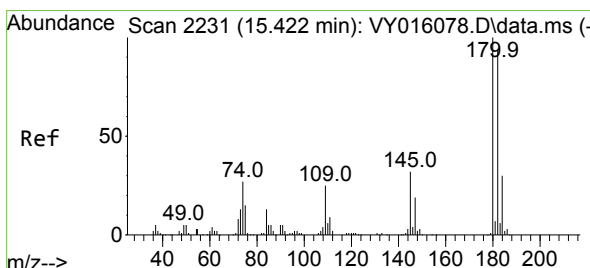
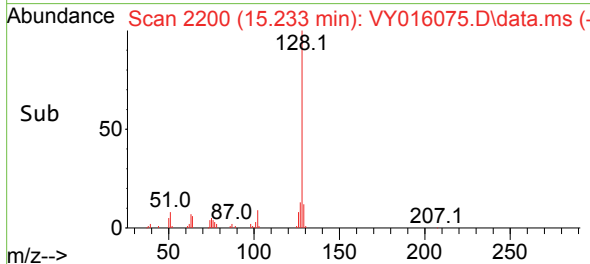
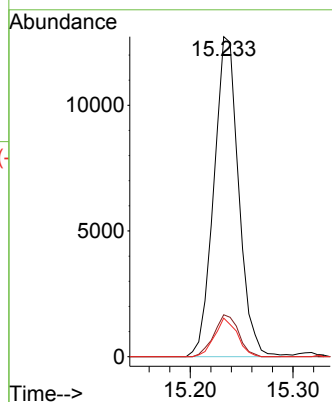
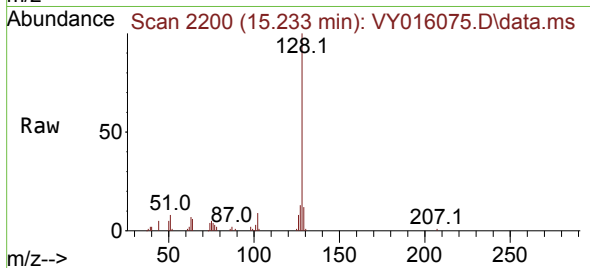
Tgt Ion:128 Resp: 21306

Ion Ratio Lower Upper

128 100

127 13.0 10.8 16.2

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 4.628 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY016075.D

Acq: 26 Oct 2023 11:35

Tgt Ion:180 Resp: 10166

Ion Ratio Lower Upper

180 100

182 94.4 47.3 141.8

145 32.1 15.4 46.2

