

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY113023\
 Data File : VY016550.D
 Acq On : 30 Nov 2023 16:20
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 01 00:59:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 30 03:28:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	173492	50.000	ug/l	-0.02
34) 1,4-Difluorobenzene	8.703	114	263915	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.502	117	217997	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.440	152	98137	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	62099	45.306	ug/l	-0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.620%
35) Dibromofluoromethane	7.734	113	75714	48.881	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.760%
50) Toluene-d8	10.191	98	304770	50.730	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.460%
62) 4-Bromofluorobenzene	12.495	95	92127	48.884	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.760%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	73326	48.519	ug/l	98
3) Chloromethane	2.119	50	72866	48.333	ug/l	97
4) Vinyl Chloride	2.259	62	87797	51.597	ug/l	95
5) Bromomethane	2.668	94	55140	50.059	ug/l	98
6) Chloroethane	2.808	64	54276	49.409	ug/l	93
7) Trichlorofluoromethane	3.137	101	149207	50.651	ug/l	98
8) Diethyl Ether	3.540	74	34414	43.985	ug/l	74
9) 1,1,2-Trichlorotrifluo...	3.912	101	84182	50.342	ug/l	98
10) Methyl Iodide	4.107	142	95343	50.397	ug/l	97
11) Tert butyl alcohol	4.960	59	16853	193.993	ug/l #	80
12) 1,1-Dichloroethene	3.887	96	78570	50.275	ug/l	81
13) Acrolein	3.741	56	30865	187.495	ug/l	99
14) Allyl chloride	4.497	41	87197	48.534	ug/l #	87
15) Acrylonitrile	5.180	53	55380	200.026	ug/l	97
16) Acetone	3.960	43	43638	161.715	ug/l #	80
17) Carbon Disulfide	4.210	76	221090	50.144	ug/l	98
18) Methyl Acetate	4.485	43	42750	42.135	ug/l #	79
19) Methyl tert-butyl Ether	5.241	73	151901	44.602	ug/l	96
20) Methylene Chloride	4.735	84	75968	47.249	ug/l #	81
21) trans-1,2-Dichloroethene	5.241	96	89530	51.436	ug/l	83
22) Diisopropyl ether	6.131	45	177544	47.129	ug/l #	85
23) Vinyl Acetate	6.076	43	366697	211.078	ug/l #	85
24) 1,1-Dichloroethane	6.033	63	131645	49.516	ug/l	96
25) 2-Butanone	6.996	43	64008	173.084	ug/l #	85
26) 2,2-Dichloropropane	6.996	77	127262	48.432	ug/l	95
27) cis-1,2-Dichloroethene	7.003	96	93454	49.975	ug/l	85
28) Bromochloromethane	7.350	49	42347	44.073	ug/l #	60
29) Tetrahydrofuran	7.362	42	40119	201.941	ug/l #	75
30) Chloroform	7.521	83	145014	48.937	ug/l	95
31) Cyclohexane	7.801	56	114171	47.446	ug/l #	81
32) 1,1,1-Trichloroethane	7.716	97	145771	50.764	ug/l	95
36) 1,1-Dichloropropene	7.935	75	115458	50.477	ug/l	96
37) Ethyl Acetate	7.088	43	28883	40.289	ug/l #	88
38) Carbon Tetrachloride	7.917	117	139364	51.912	ug/l	97
39) Methylcyclohexane	9.197	83	146910	51.493	ug/l	88
40) Benzene	8.173	78	320847	49.473	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	16621	44.013	ug/l	90
42) 1,2-Dichloroethane	8.252	62	73017	45.433	ug/l	91
43) Isopropyl Acetate	8.283	43	58551	41.534	ug/l #	80
44) Trichloroethene	8.953	130	102357	51.240	ug/l	91
45) 1,2-Dichloropropane	9.228	63	69640	47.588	ug/l	99
46) Dibromomethane	9.319	93	36840	44.770	ug/l	95
47) Bromodichloromethane	9.508	83	104843	48.258	ug/l	99
48) Methyl methacrylate	9.307	41	33432	42.242	ug/l #	75
49) 1,4-Dioxane	9.313	88	7247	950.159	ug/l #	73
51) 4-Methyl-2-Pentanone	10.081	43	142712	194.054	ug/l #	83
52) Toluene	10.258	92	210071	50.424	ug/l	94
53) t-1,3-Dichloropropene	10.478	75	92889	46.140	ug/l	100
54) cis-1,3-Dichloropropene	9.941	75	115577	47.376	ug/l #	84
55) 1,1,2-Trichloroethane	10.660	97	52500	44.215	ug/l	95
56) Ethyl methacrylate	10.520	69	44529	44.314	ug/l #	76
57) 1,3-Dichloropropane	10.801	76	85975	44.952	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.795	63	129705	208.740	ug/l #	85
59) 2-Hexanone	10.843	43	99380	171.077	ug/l	80
60) Dibromochloromethane	10.996	129	72233	46.541	ug/l	100
61) 1,2-Dibromoethane	11.105	107	49474	44.122	ug/l	99
64) Tetrachloroethene	10.734	164	104355	53.789	ug/l	98
65) Chlorobenzene	11.532	112	220904	50.600	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.605	131	83884	50.122	ug/l	100
67) Ethyl Benzene	11.605	91	403420	52.641	ug/l	97
68) m/p-Xylenes	11.715	106	308220	103.923	ug/l	93
69) o-Xylene	12.044	106	142117	52.195	ug/l	96
70) Styrene	12.057	104	203363	51.910	ug/l	96
71) Bromoform	12.221	173	40503	46.854	ug/l #	96
73) Isopropylbenzene	12.343	105	401051	53.889	ug/l	99
74) N-amyl acetate	12.154	43	46562	44.302	ug/l #	78
75) 1,1,2,2-Tetrachloroethane	12.593	83	48892	44.257	ug/l	99
76) 1,2,3-Trichloropropane	12.648	75	65302	79.252	ug/l #	100
77) Bromobenzene	12.623	156	86755	50.064	ug/l	86
78) n-propylbenzene	12.684	91	450458	52.906	ug/l	97
79) 2-Chlorotoluene	12.770	91	245712	51.886	ug/l	96
80) 1,3,5-Trimethylbenzene	12.825	105	317554	53.080	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.392	75	16547	43.797	ug/l	87
82) 4-Chlorotoluene	12.867	91	245805	50.554	ug/l	96
83) tert-Butylbenzene	13.087	119	293436	54.350	ug/l	96
84) 1,2,4-Trimethylbenzene	13.136	105	306964	52.702	ug/l	96
85) sec-Butylbenzene	13.270	105	397046	53.173	ug/l	98
86) p-Isopropyltoluene	13.386	119	346499	53.707	ug/l	97
87) 1,3-Dichlorobenzene	13.379	146	164379	50.236	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	158618	49.526	ug/l	100
89) n-Butylbenzene	13.709	91	297041	52.527	ug/l	95
90) Hexachloroethane	13.977	117	65874	52.331	ug/l	100
91) 1,2-Dichlorobenzene	13.751	146	136013	49.047	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.373	75	7053	45.382	ug/l	80
93) 1,2,4-Trichlorobenzene	15.019	180	75393	44.767	ug/l	98
94) Hexachlorobutadiene	15.123	225	49465	51.503	ug/l	99
95) Naphthalene	15.251	128	118923	40.425	ug/l	99
96) 1,2,3-Trichlorobenzene	15.440	180	60255	44.031	ug/l	99

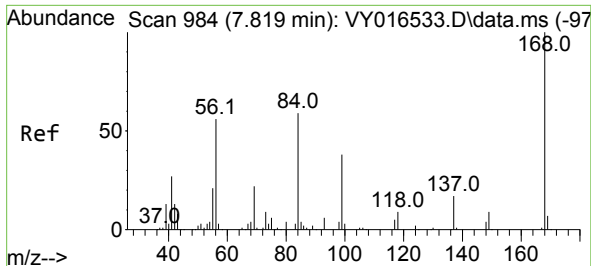
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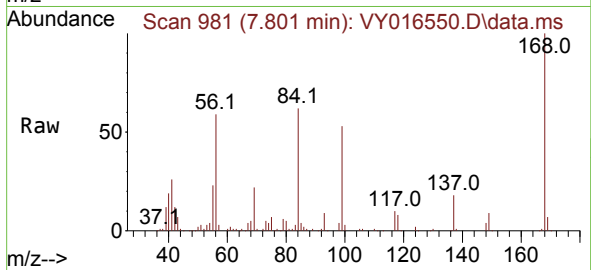
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

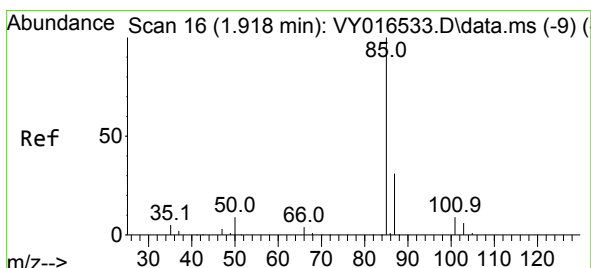
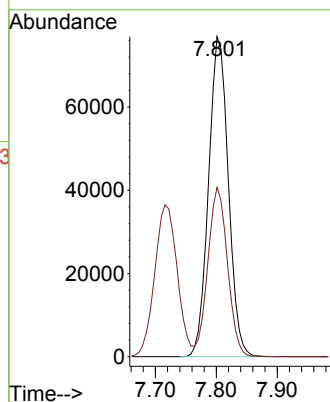
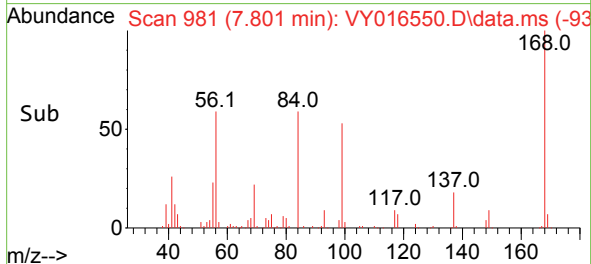


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 99
Delta R.T. -0.018 min
Lab File: VY016550.D
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ClientSampleId :

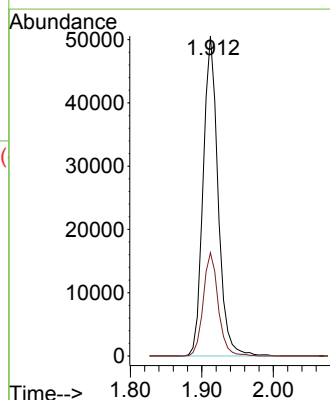
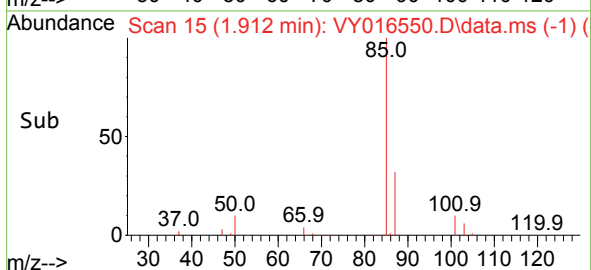
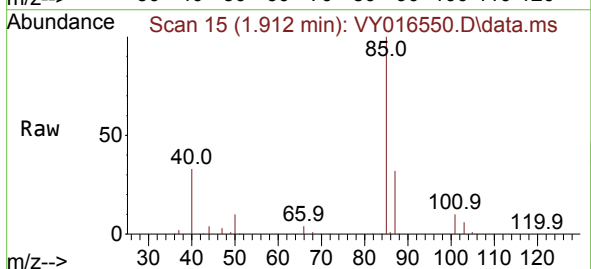


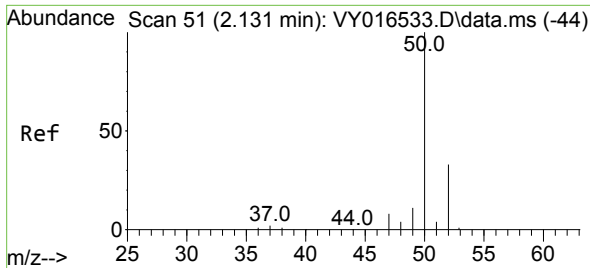
Tgt Ion:168 Resp: 173492
Ion Ratio Lower Upper
168 100
99 52.9 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 48.519 ug/l
RT: 1.912 min Scan# 15
Delta R.T. -0.006 min
Lab File: VY016550.D
Acq: 30 Nov 2023 16:20

Tgt Ion: 85 Resp: 73326
Ion Ratio Lower Upper
85 100
87 32.2 15.6 46.8

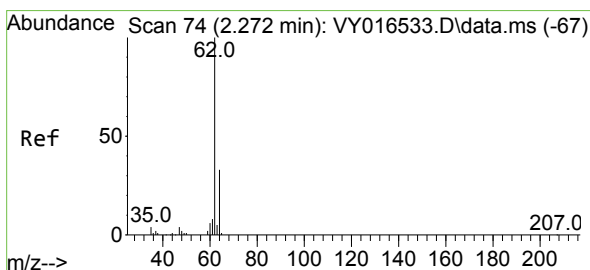
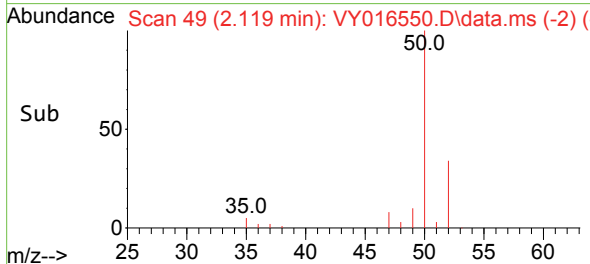
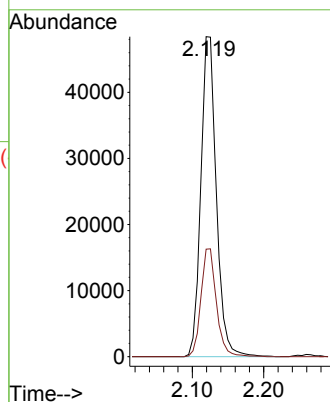
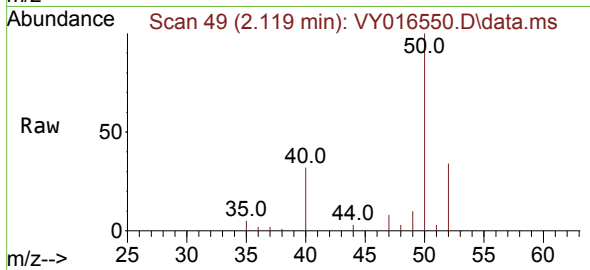




#3
Chloromethane
Concen: 48.333 ug/l
RT: 2.119 min Scan# 49
Delta R.T. -0.012 min
Lab File: VY016550.D
Acq: 30 Nov 2023 16:20

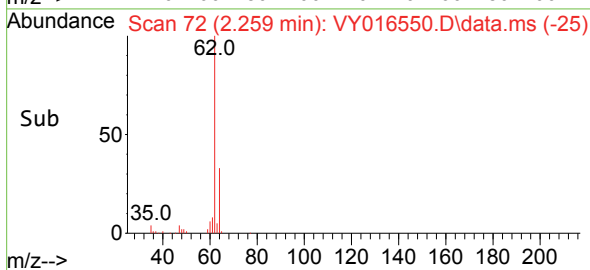
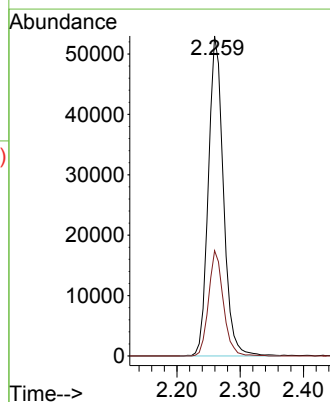
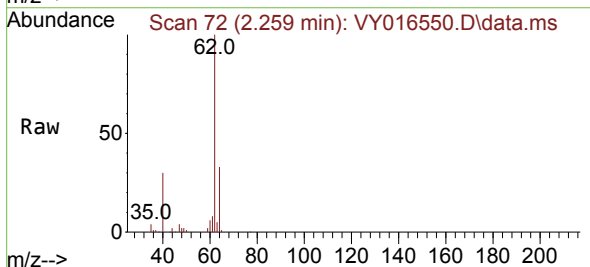
Instrument :
MSVOA_Y
ClientSampleId :

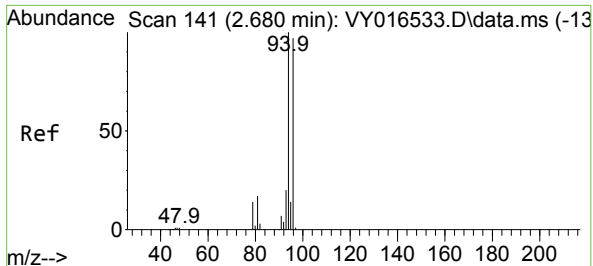
Tgt Ion: 50 Resp: 72866
Ion Ratio Lower Upper
50 100
52 33.6 25.4 38.2



#4
Vinyl Chloride
Concen: 51.597 ug/l
RT: 2.259 min Scan# 72
Delta R.T. -0.012 min
Lab File: VY016550.D
Acq: 30 Nov 2023 16:20

Tgt Ion: 62 Resp: 87797
Ion Ratio Lower Upper
62 100
64 32.9 24.3 36.5

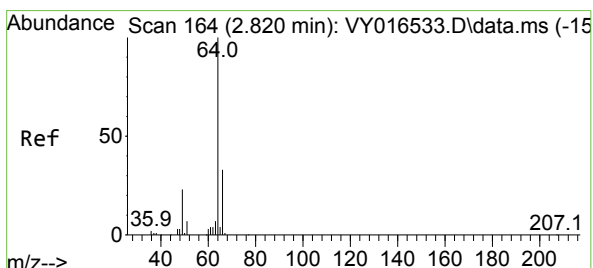
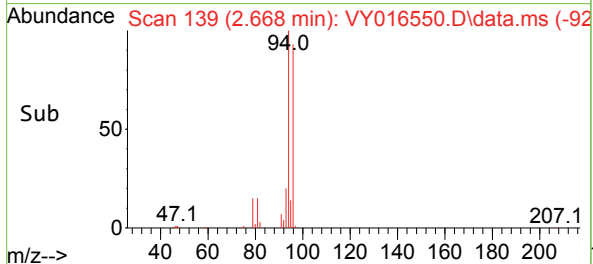
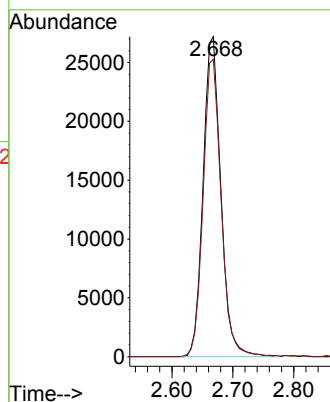
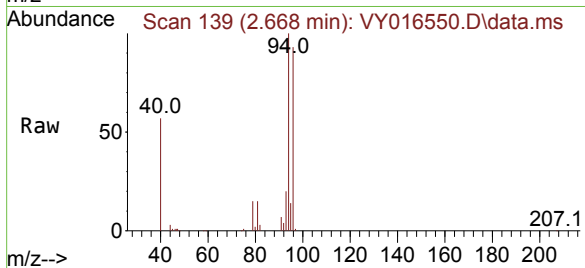




#5
Bromomethane
Concen: 50.059 ug/l
RT: 2.668 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY016550.D
Acq: 30 Nov 2023 16:20

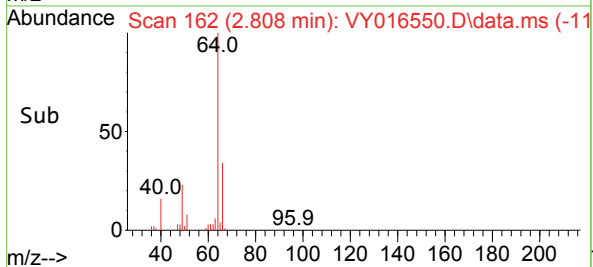
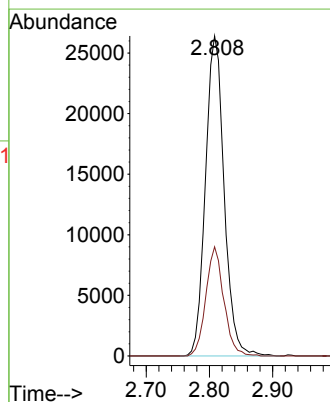
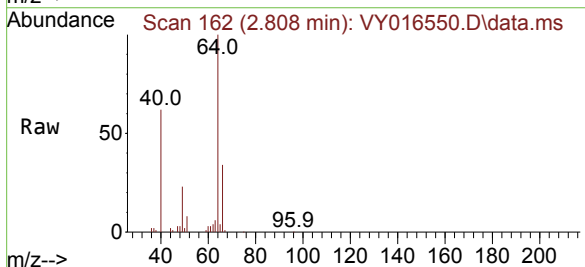
Instrument :
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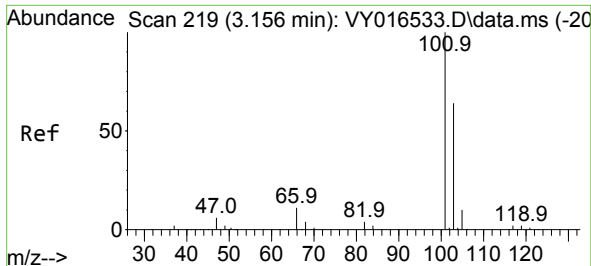
Tgt Ion: 94 Resp: 55140
Ion Ratio Lower Upper
94 100
96 92.9 75.8 113.6



#6
Chloroethane
Concen: 49.409 ug/l
RT: 2.808 min Scan# 162
Delta R.T. -0.012 min
Lab File: VY016550.D
Acq: 30 Nov 2023 16:20

Tgt Ion: 64 Resp: 54276
Ion Ratio Lower Upper
64 100
66 34.1 24.4 36.6

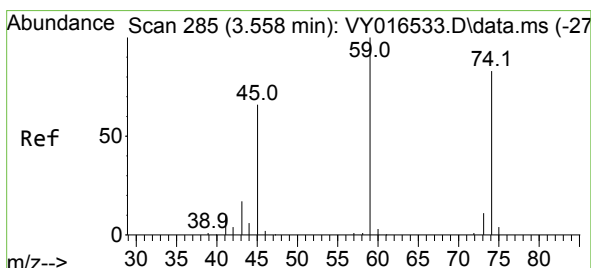
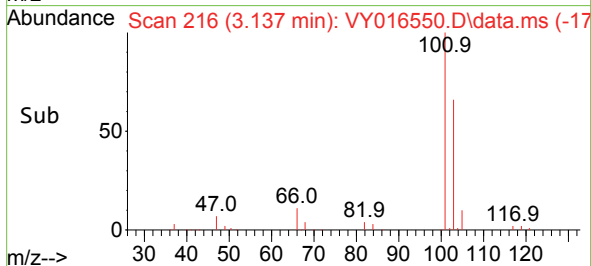
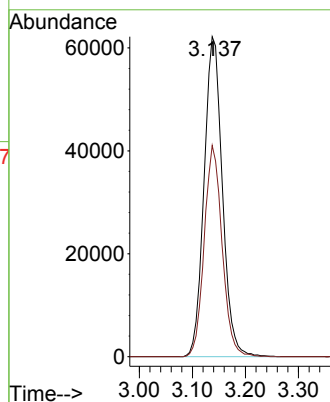
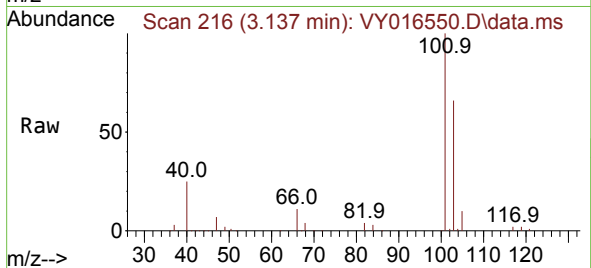




#7
 Trichlorofluoromethane
 Concen: 50.651 ug/l
 RT: 3.137 min Scan# 219
 Delta R.T. -0.018 min
 Lab File: VY016550.D
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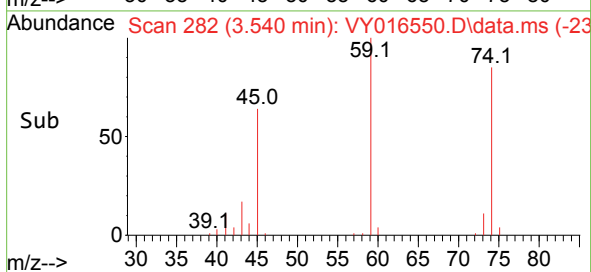
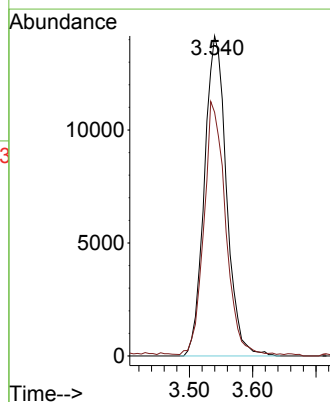
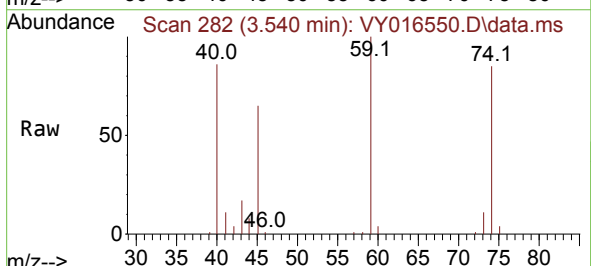
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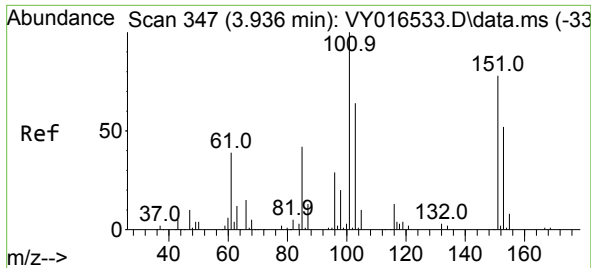
Tgt Ion:101 Resp: 149207
 Ion Ratio Lower Upper
 101 100
 103 66.0 51.4 77.0



#8
 Diethyl Ether
 Concen: 43.985 ug/l
 RT: 3.540 min Scan# 282
 Delta R.T. -0.018 min
 Lab File: VY016550.D
 Acq: 30 Nov 2023 16:20

Tgt Ion: 74 Resp: 34414
 Ion Ratio Lower Upper
 74 100
 45 76.9 51.5 154.5

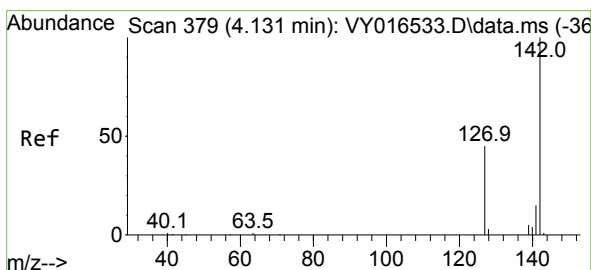
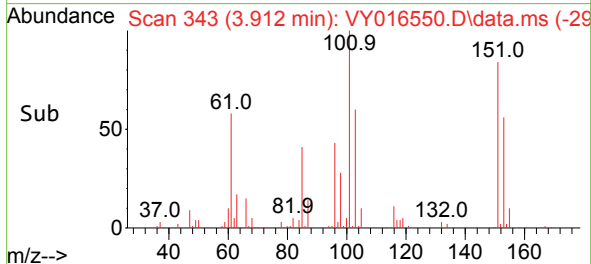
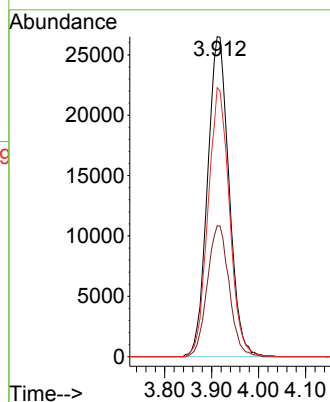
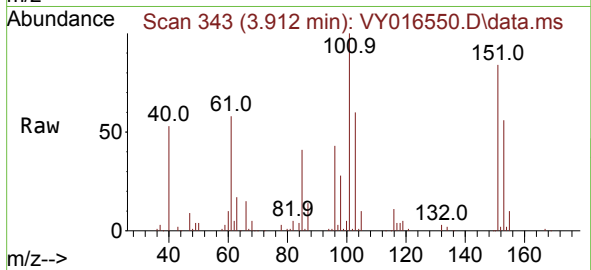




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.342 ug/l
RT: 3.912 min Scan# 34
Delta R.T. -0.024 min
Lab File: VY016550.D
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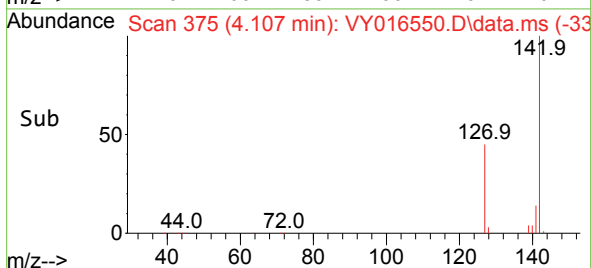
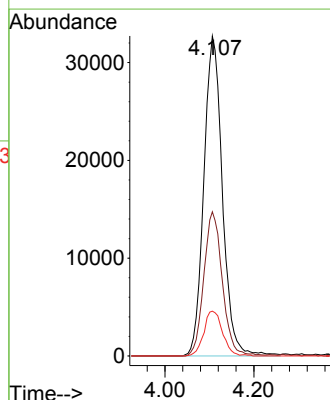
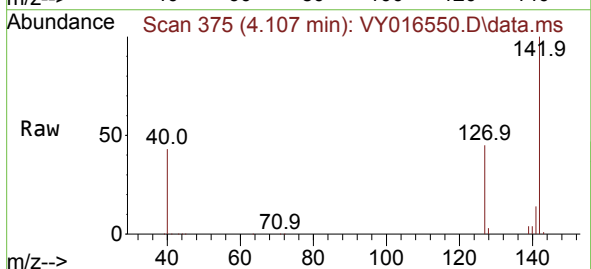
Instrument :
MSVOA_Y
ClientSampleId :

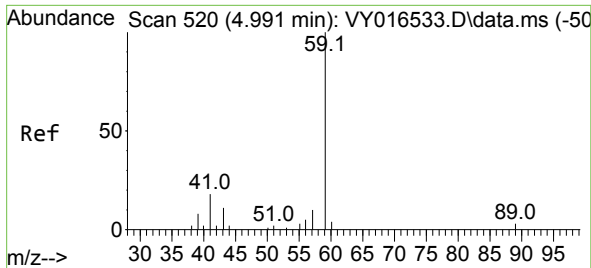
Tgt Ion:101 Resp: 84182
Ion Ratio Lower Upper
101 100
85 41.5 36.6 55.0
151 83.6 67.0 100.6



#10
Methyl Iodide
Concen: 50.397 ug/l
RT: 4.107 min Scan# 375
Delta R.T. -0.024 min
Lab File: VY016550.D
Acq: 30 Nov 2023 16:20

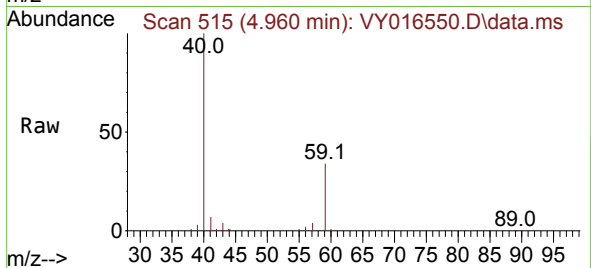
Tgt Ion:142 Resp: 95343
Ion Ratio Lower Upper
142 100
127 44.9 37.6 56.4
141 14.2 11.8 17.8



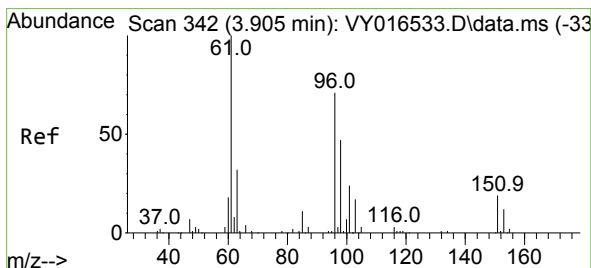
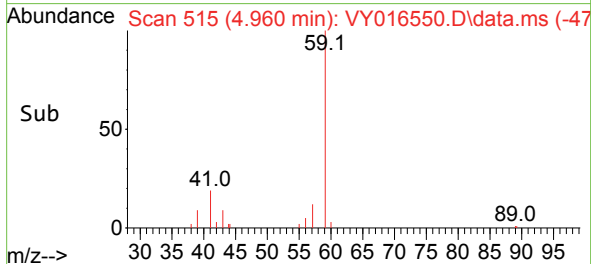
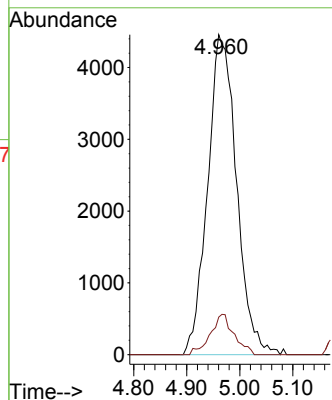


#11
Tert butyl alcohol
Concen: 193.993 ug/l
RT: 4.960 min Scan# 51
Delta R.T. -0.030 min
Lab File: VY016550.D
Acq: 30 Nov 2023 16:20

Instrument :
MSVOA_Y
ClientSampleId :

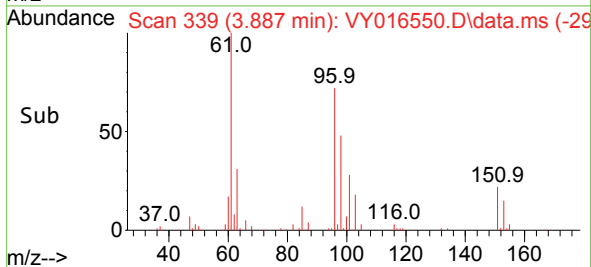
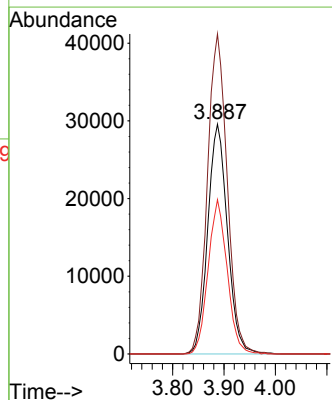
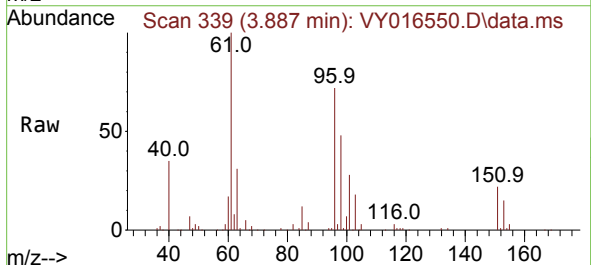


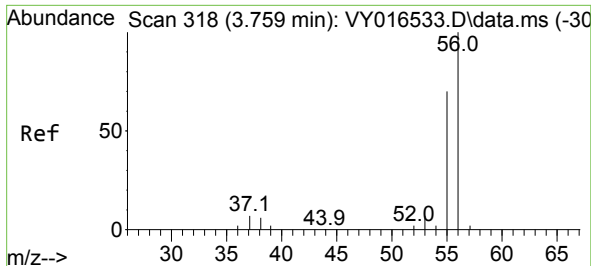
Tgt Ion: 59 Resp: 16853
Ion Ratio Lower Upper
59 100
57 10.3 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 50.275 ug/l
RT: 3.887 min Scan# 339
Delta R.T. -0.018 min
Lab File: VY016550.D
Acq: 30 Nov 2023 16:20

Tgt Ion: 96 Resp: 78570
Ion Ratio Lower Upper
96 100
61 139.3 136.4 204.6
98 67.2 49.4 74.2





#13

Acrolein

Concen: 187.495 ug/l

RT: 3.741 min Scan# 31

Delta R.T. -0.018 min

Lab File: VY016550.D

Acq: 30 Nov 2023 16:20

Instrument :

MSVOA_Y

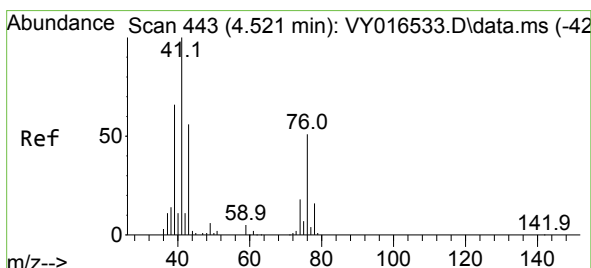
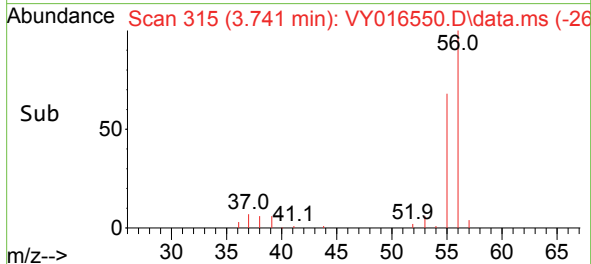
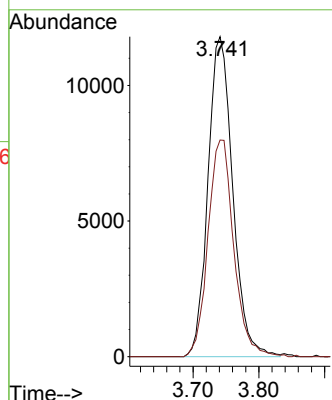
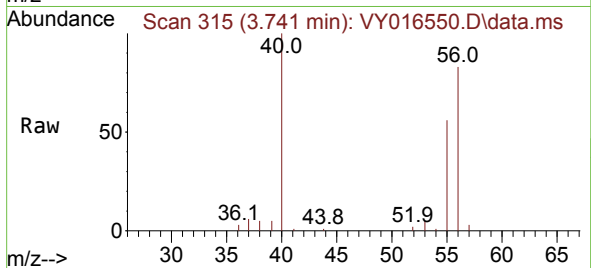
ClientSampleId :

Tgt Ion: 56 Resp: 30865

Ion Ratio Lower Upper

56 100

55 70.6 57.0 85.4



#14

Allyl chloride

Concen: 48.534 ug/l

RT: 4.497 min Scan# 439

Delta R.T. -0.024 min

Lab File: VY016550.D

Acq: 30 Nov 2023 16:20

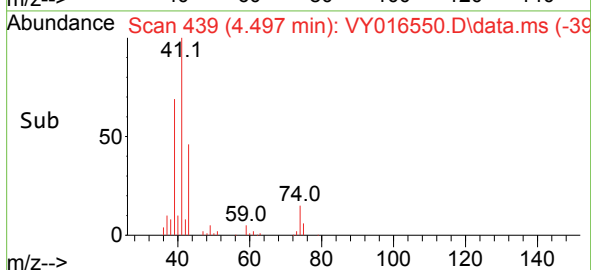
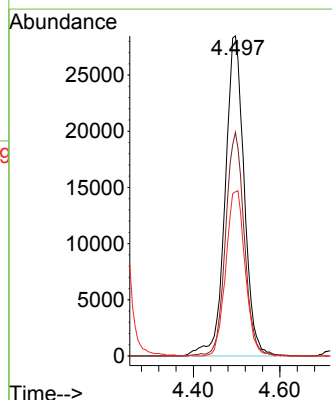
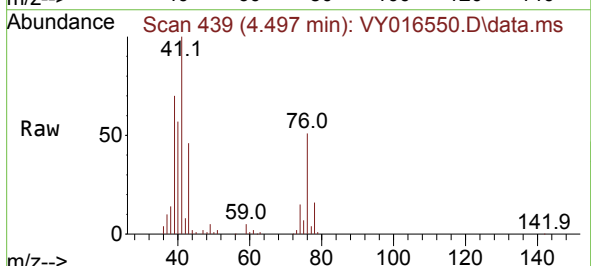
Tgt Ion: 41 Resp: 87197

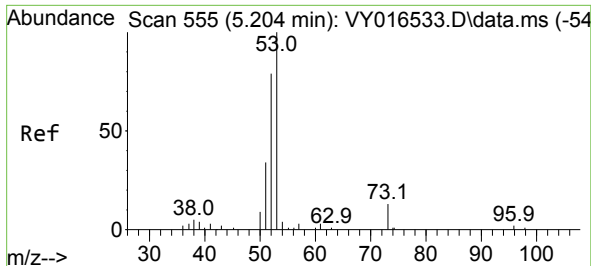
Ion Ratio Lower Upper

41 100

39 68.6 58.0 87.0

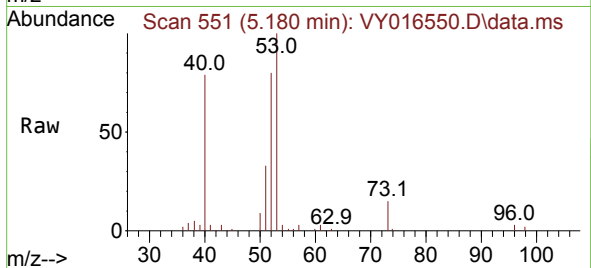
76 52.4 27.4 41.2#



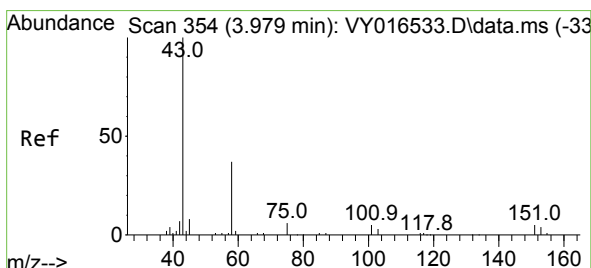
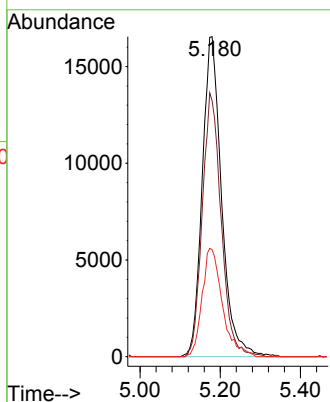
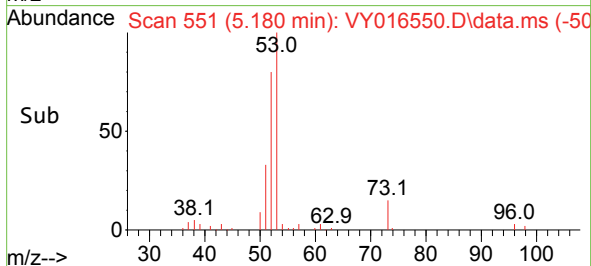


#15
Acrylonitrile
Concen: 200.026 ug/l
RT: 5.180 min Scan# 51
Delta R.T. -0.024 min
Lab File: VY016550.D
Acq: 30 Nov 2023 16:20

Instrument :
MSVOA_Y
ClientSampleId :

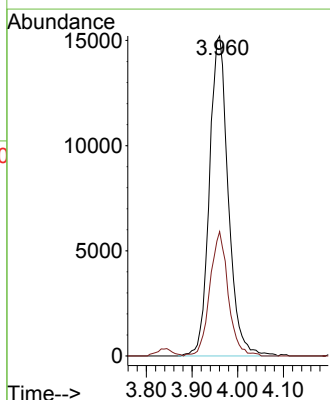
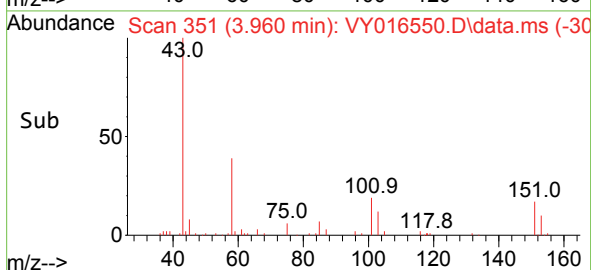
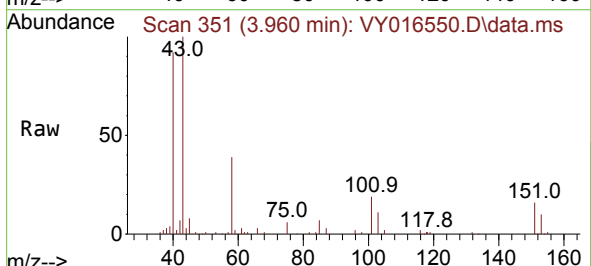


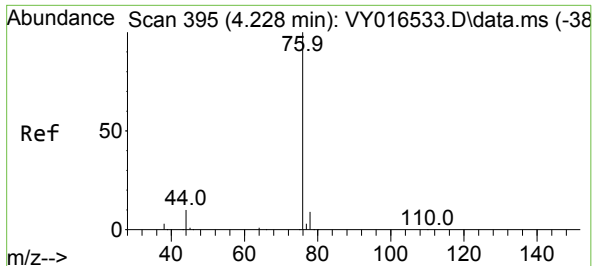
Tgt Ion: 53 Resp: 55380
Ion Ratio Lower Upper
53 100
52 80.2 66.9 100.3
51 35.5 29.8 44.6



#16
Acetone
Concen: 161.715 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.019 min
Lab File: VY016550.D
Acq: 30 Nov 2023 16:20

Tgt Ion: 43 Resp: 43638
Ion Ratio Lower Upper
43 100
58 38.8 22.7 34.1#





#17

Carbon Disulfide

Concen: 50.144 ug/l

RT: 4.210 min Scan# 395

Delta R.T. -0.018 min

Lab File: VY016550.D

Acq: 30 Nov 2023 16:20

Instrument :

MSVOA_Y

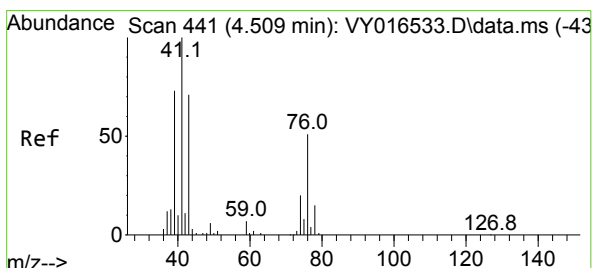
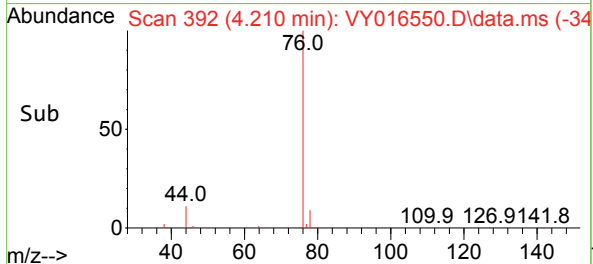
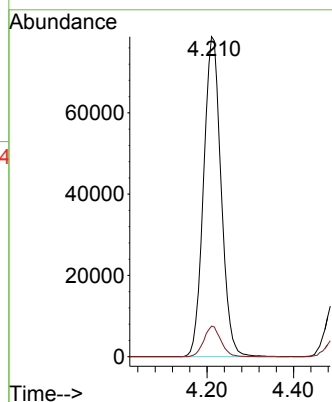
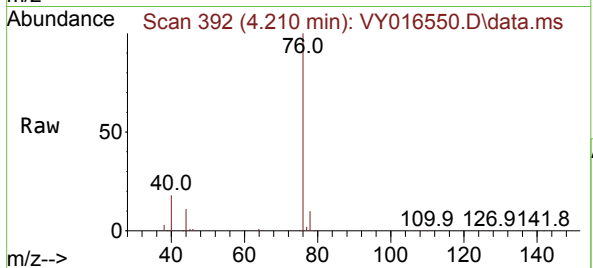
ClientSampleId :

Tgt Ion: 76 Resp: 221090

Ion Ratio Lower Upper

76 100

78 9.6 7.0 10.4



#18

Methyl Acetate

Concen: 42.135 ug/l

RT: 4.485 min Scan# 437

Delta R.T. -0.024 min

Lab File: VY016550.D

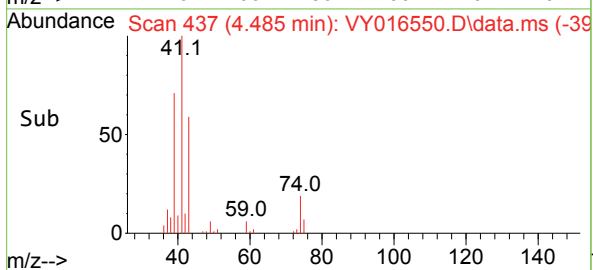
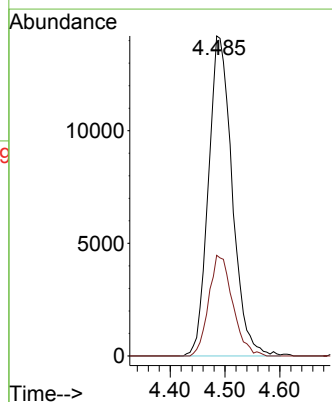
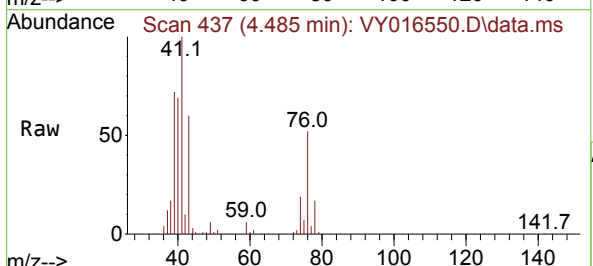
Acq: 30 Nov 2023 16:20

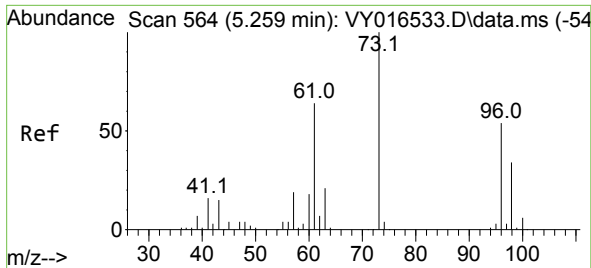
Tgt Ion: 43 Resp: 42750

Ion Ratio Lower Upper

43 100

74 31.7 17.4 26.0#

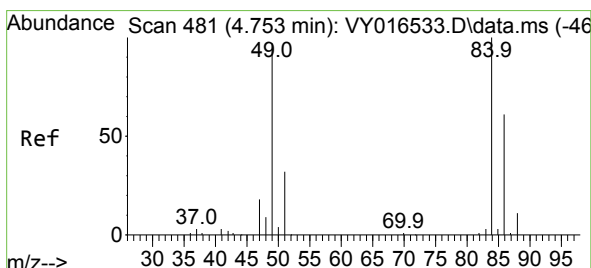
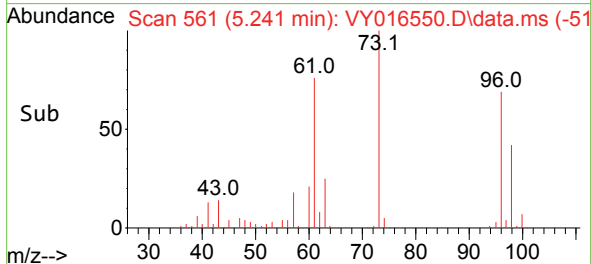
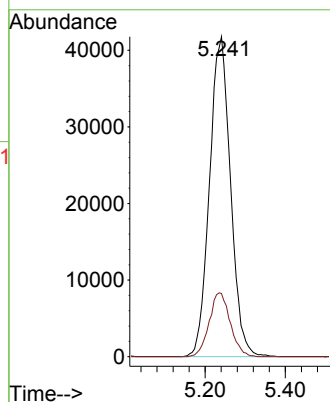
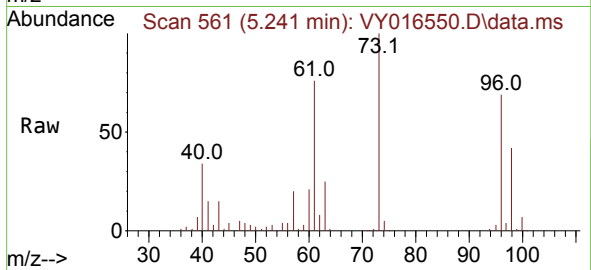




#19
Methyl tert-butyl Ether
Concen: 44.602 ug/l
RT: 5.241 min Scan# 51
Delta R.T. -0.018 min
Lab File: VY016550.D
Acq: 30 Nov 2023 16:20

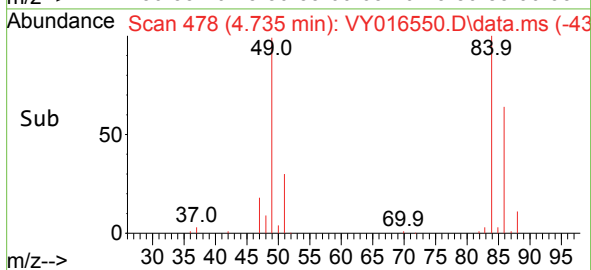
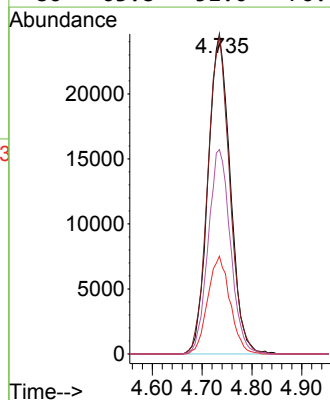
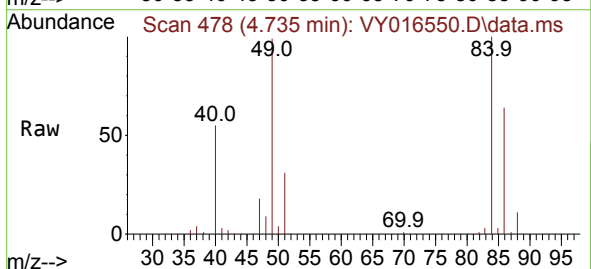
Instrument :
MSVOA_Y
ClientSampleId :

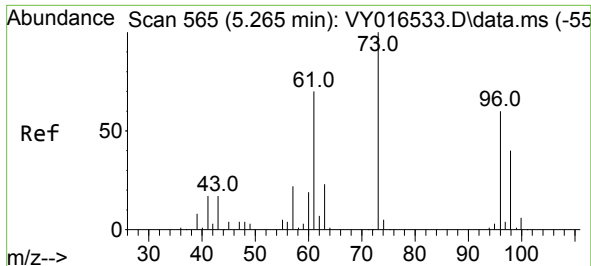
Tgt Ion: 73 Resp: 151901
Ion Ratio Lower Upper
73 100
57 19.8 17.3 25.9



#20
Methylene Chloride
Concen: 47.249 ug/l
RT: 4.735 min Scan# 478
Delta R.T. -0.018 min
Lab File: VY016550.D
Acq: 30 Nov 2023 16:20

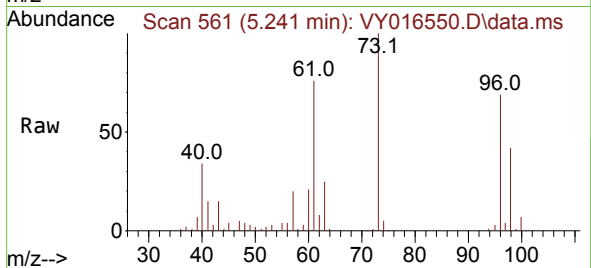
Tgt Ion: 84 Resp: 75968
Ion Ratio Lower Upper
84 100
49 99.4 106.9 160.3#
51 30.5 33.2 49.8#
86 63.8 51.0 76.6



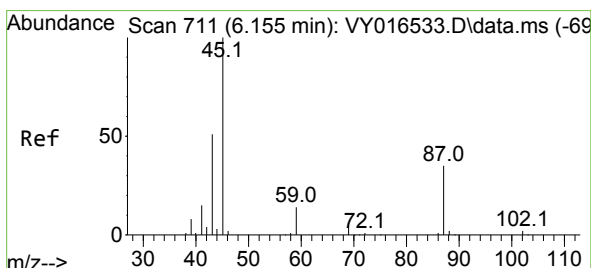
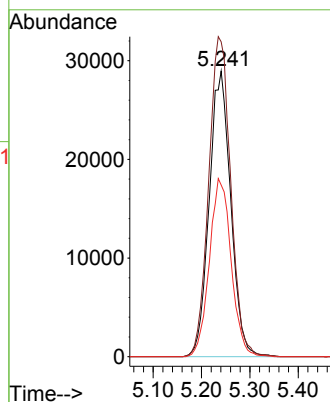
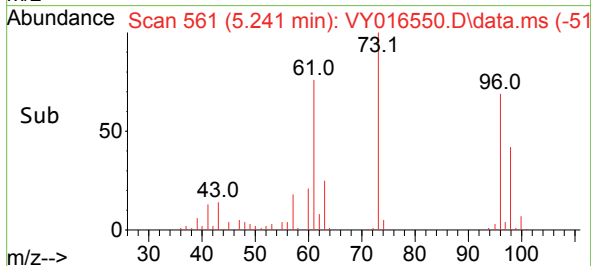


#21
trans-1,2-Dichloroethene
Concen: 51.436 ug/l
RT: 5.241 min Scan# 51
Delta R.T. -0.024 min
Lab File: VY016550.D
Acq: 30 Nov 2023 16:20

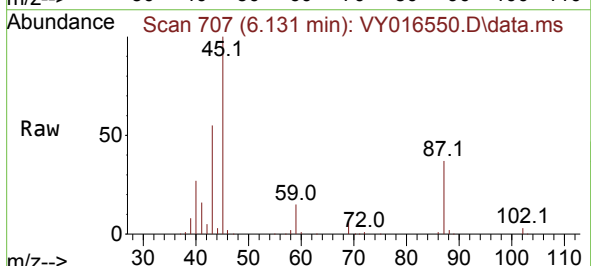
Instrument :
MSVOA_Y
ClientSampleId :



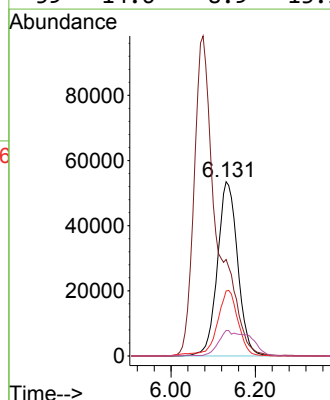
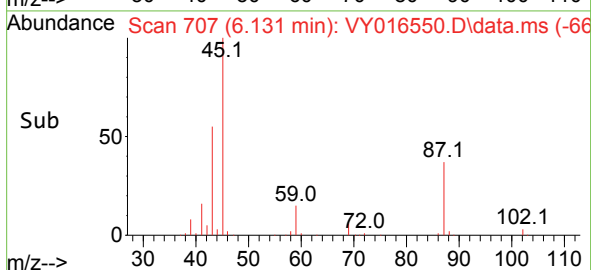
Tgt Ion: 96 Resp: 89530
Ion Ratio Lower Upper
96 100
61 110.3 110.2 165.4
98 60.1 51.8 77.6

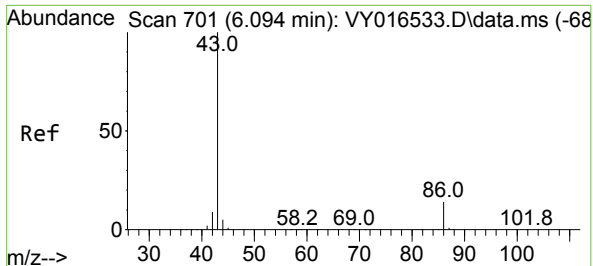


#22
Diisopropyl ether
Concen: 47.129 ug/l
RT: 6.131 min Scan# 707
Delta R.T. -0.024 min
Lab File: VY016550.D
Acq: 30 Nov 2023 16:20



Tgt Ion: 45 Resp: 177544
Ion Ratio Lower Upper
45 100
43 55.2 52.2 78.4
87 37.3 21.0 31.6#
59 14.6 8.9 13.3#

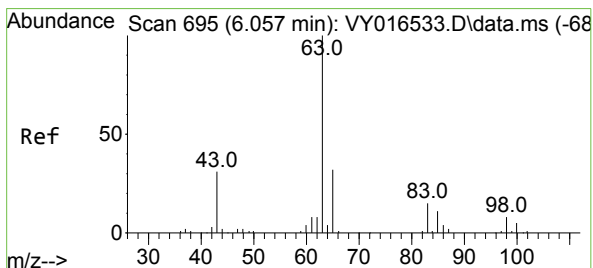
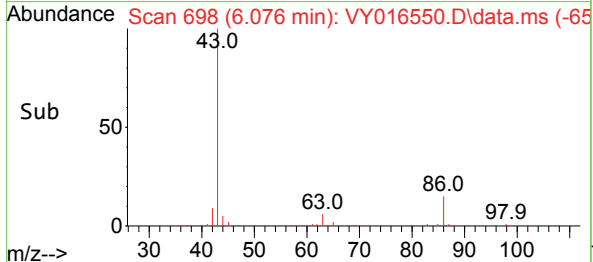
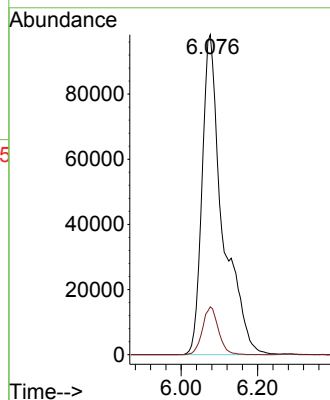
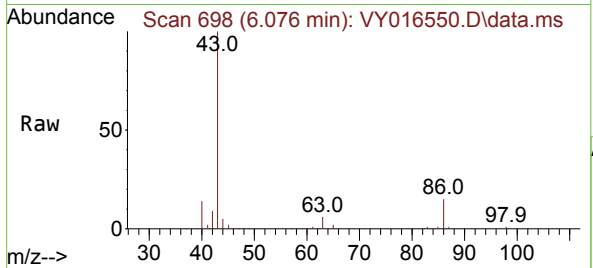




#23
 Vinyl Acetate
 Concen: 211.078 ug/l
 RT: 6.076 min Scan# 698
 Delta R.T. -0.018 min
 Lab File: VY016550.D
 Acq: 30 Nov 2023 16:20

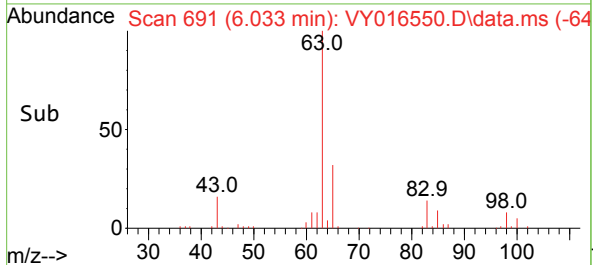
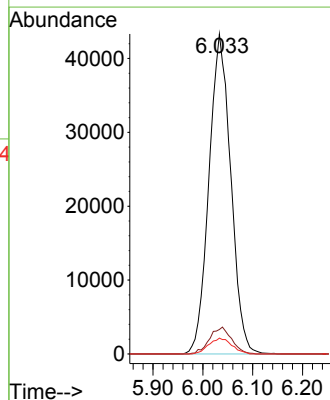
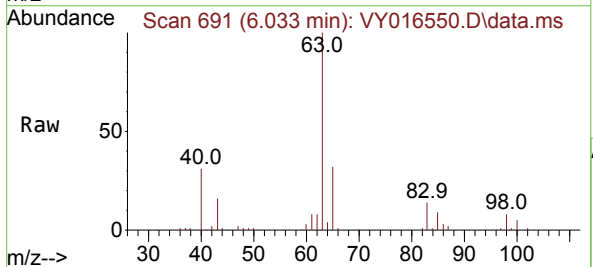
Instrument :
 MSVOA_Y
 ClientSampleId :

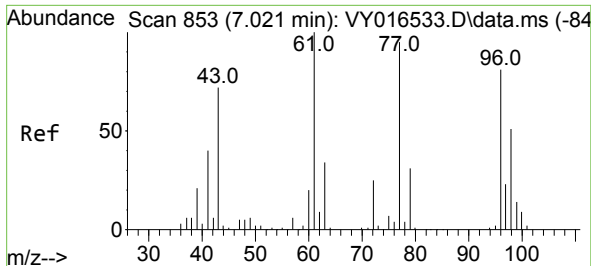
Tgt Ion: 43 Resp: 366697
 Ion Ratio Lower Upper
 43 100
 86 14.9 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 49.516 ug/l
 RT: 6.033 min Scan# 691
 Delta R.T. -0.024 min
 Lab File: VY016550.D
 Acq: 30 Nov 2023 16:20

Tgt Ion: 63 Resp: 131645
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.1 9.4
 100 4.9 1.8 5.5





#25

2-Butanone

Concen: 173.084 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.024 min

Lab File: VY016550.D

Acq: 30 Nov 2023 16:20

Instrument :

MSVOA_Y

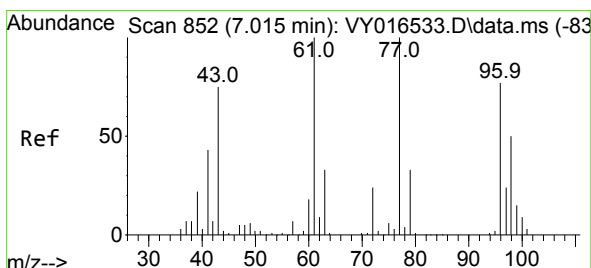
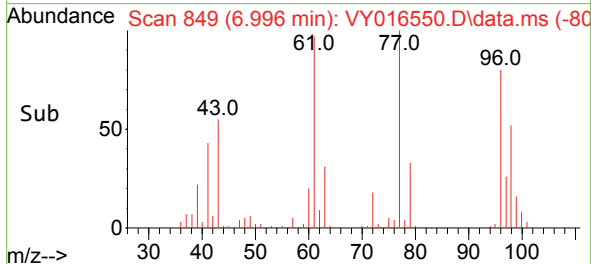
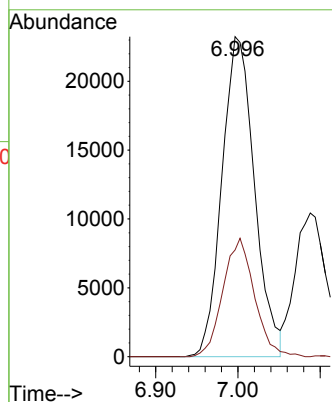
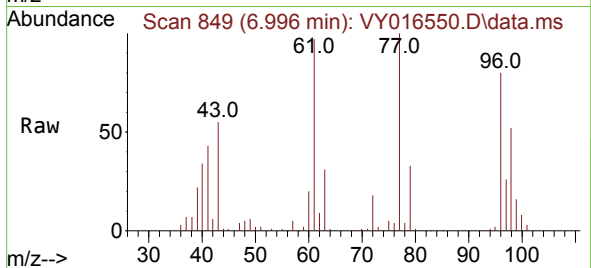
ClientSampleId :

Tgt Ion: 43 Resp: 64008

Ion Ratio Lower Upper

43 100

72 33.3 20.5 30.7#



#26

2,2-Dichloropropane

Concen: 48.432 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.018 min

Lab File: VY016550.D

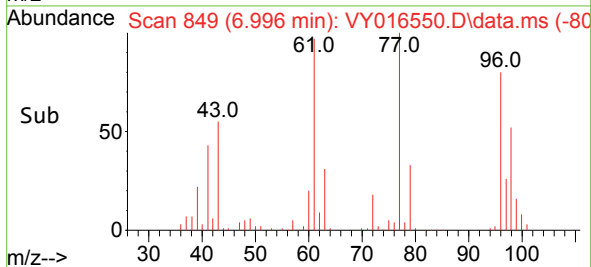
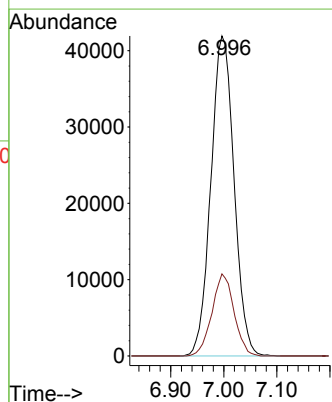
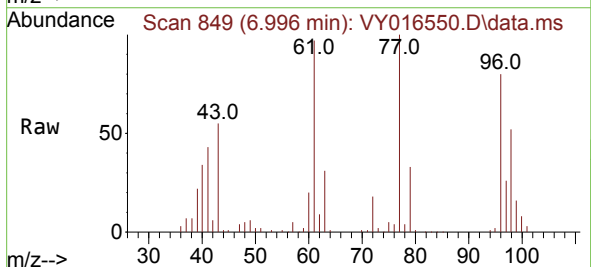
Acq: 30 Nov 2023 16:20

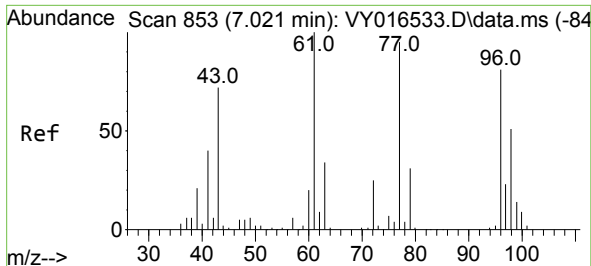
Tgt Ion: 77 Resp: 127262

Ion Ratio Lower Upper

77 100

97 24.4 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 49.975 ug/l

RT: 7.003 min Scan# 81

Delta R.T. -0.018 min

Lab File: VY016550.D

Acq: 30 Nov 2023 16:20

Instrument :

MSVOA_Y

ClientSampleId :

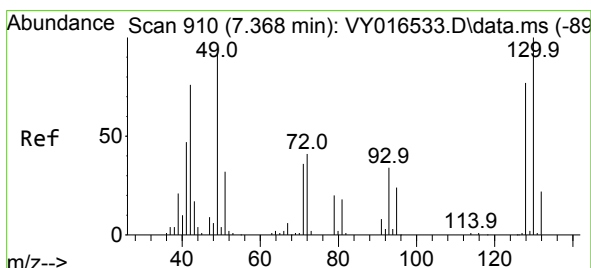
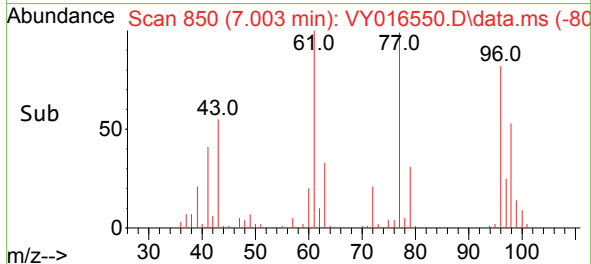
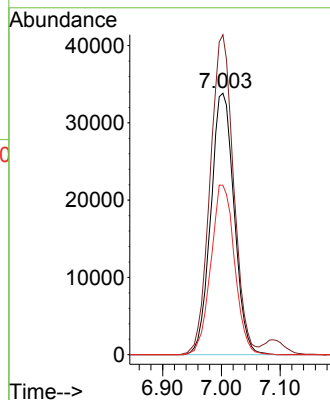
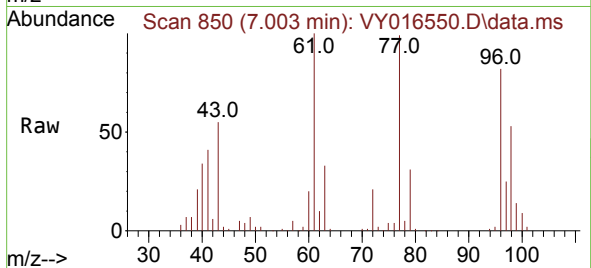
Tgt Ion: 96 Resp: 93454

Ion Ratio Lower Upper

96 100

61 123.4 0.0 301.4

98 65.8 0.0 130.4



#28

Bromochloromethane

Concen: 44.073 ug/l

RT: 7.350 min Scan# 907

Delta R.T. -0.018 min

Lab File: VY016550.D

Acq: 30 Nov 2023 16:20

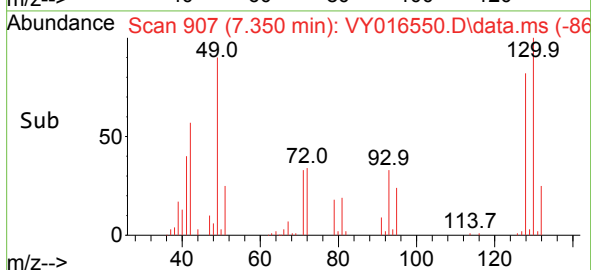
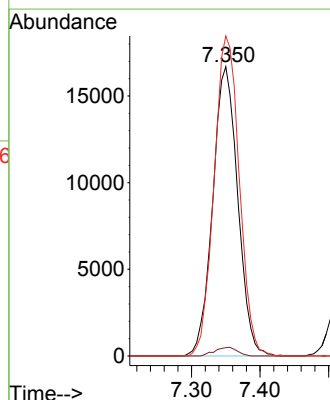
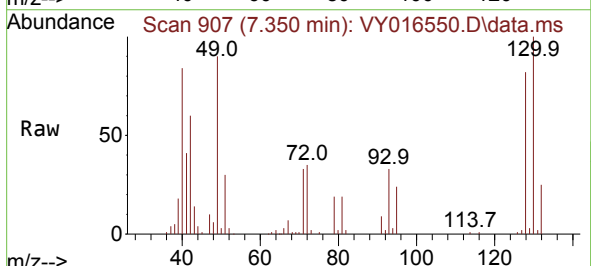
Tgt Ion: 49 Resp: 42347

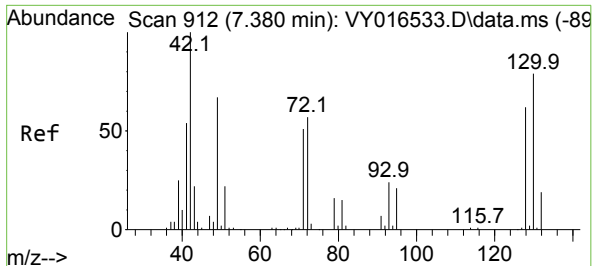
Ion Ratio Lower Upper

49 100

129 2.7 0.0 4.6

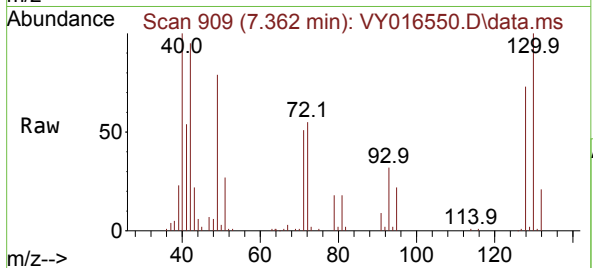
130 111.3 60.7 91.1#



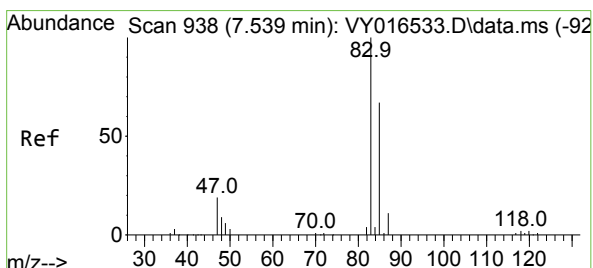
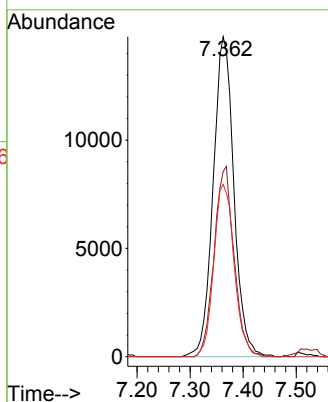
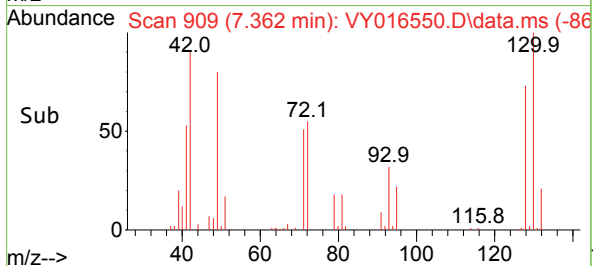


#29
Tetrahydrofuran
Concen: 201.941 ug/l
RT: 7.362 min Scan# 909
Delta R.T. -0.018 min
Lab File: VY016550.D
Acq: 30 Nov 2023 16:20

Instrument :
MSVOA_Y
ClientSampleId :

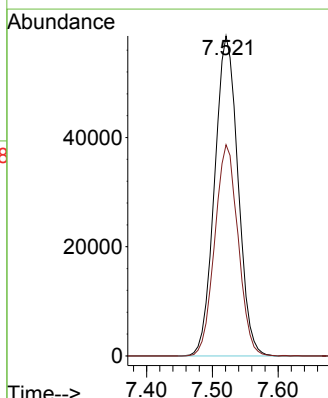
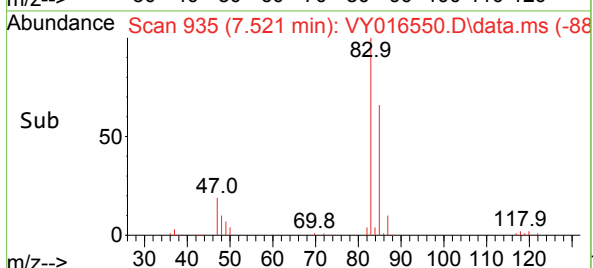
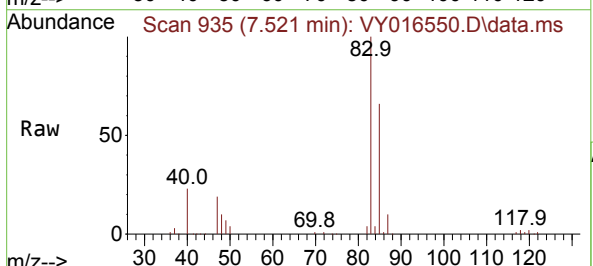


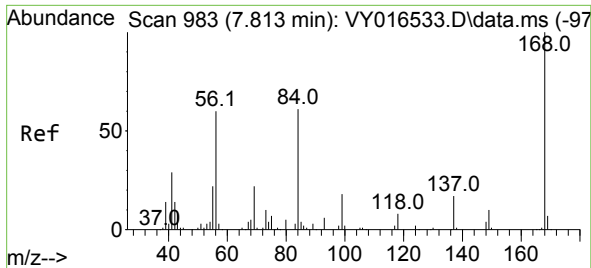
Tgt Ion: 42 Resp: 40119
Ion Ratio Lower Upper
42 100
72 57.1 32.8 49.2#
71 53.0 31.0 46.4#



#30
Chloroform
Concen: 48.937 ug/l
RT: 7.521 min Scan# 935
Delta R.T. -0.018 min
Lab File: VY016550.D
Acq: 30 Nov 2023 16:20

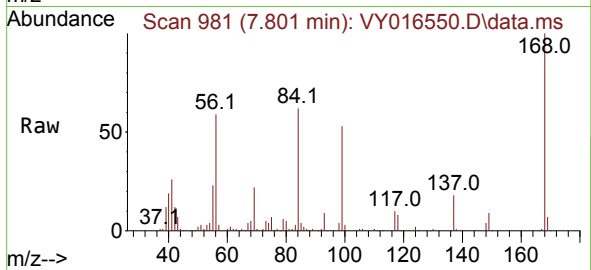
Tgt Ion: 83 Resp: 145014
Ion Ratio Lower Upper
83 100
85 66.0 49.7 74.5



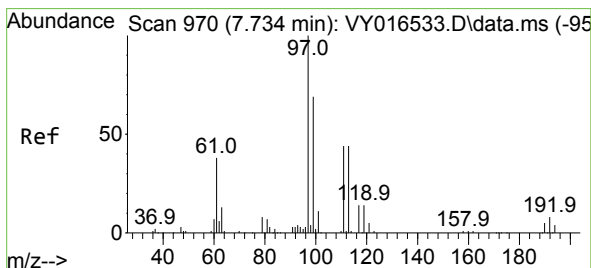
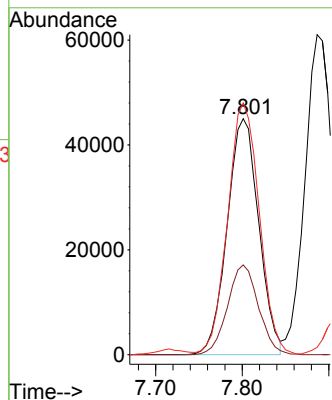
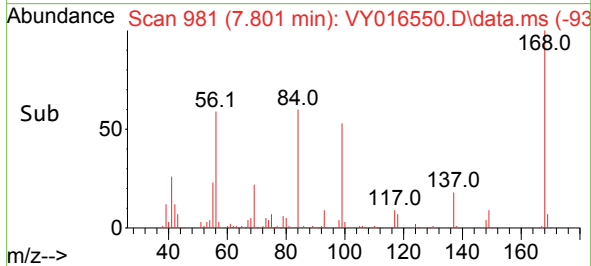


#31
Cyclohexane
Concen: 47.446 ug/l
RT: 7.801 min Scan# 911
Delta R.T. -0.012 min
Lab File: VY016550.D
Acq: 30 Nov 2023 16:20

Instrument :
MSVOA_Y
ClientSampleId :

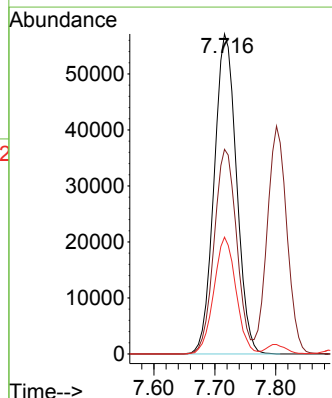
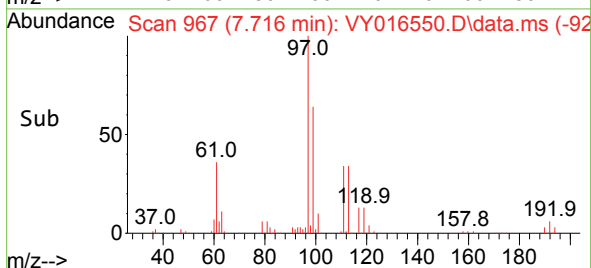
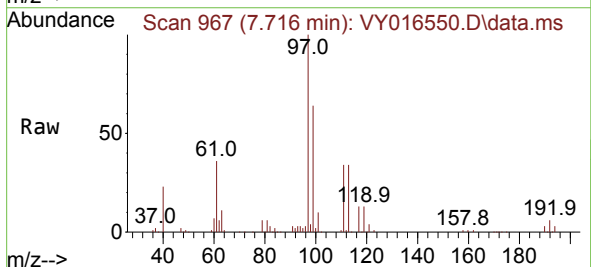


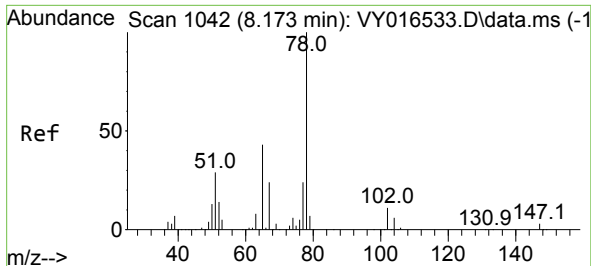
Tgt Ion: 56 Resp: 114171
Ion Ratio Lower Upper
56 100
69 38.1 27.8 41.6
84 105.0 66.4 99.6#



#32
1,1,1-Trichloroethane
Concen: 50.764 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.018 min
Lab File: VY016550.D
Acq: 30 Nov 2023 16:20

Tgt Ion: 97 Resp: 145771
Ion Ratio Lower Upper
97 100
99 64.3 50.8 76.2
61 36.2 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 45.306 ug/l

RT: 8.155 min Scan# 1109

Delta R.T. -0.018 min

Lab File: VY016550.D

Acq: 30 Nov 2023 16:20

Instrument :

MSVOA_Y

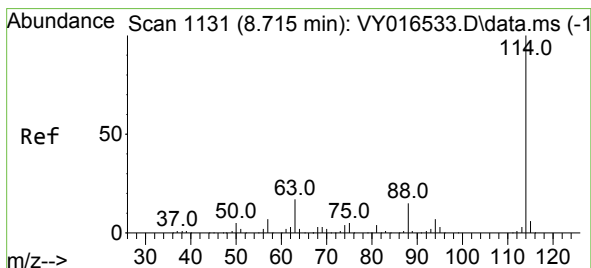
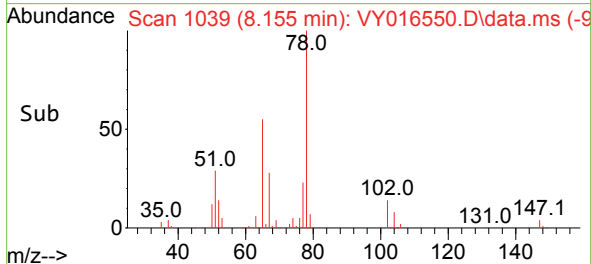
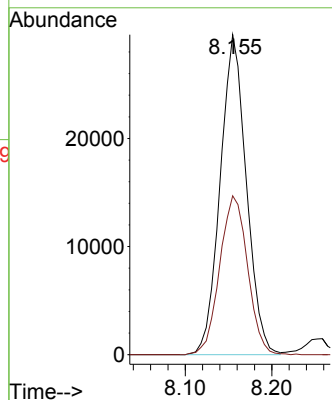
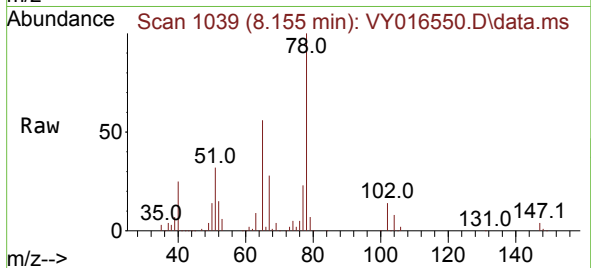
ClientSampleId :

Tgt Ion: 65 Resp: 62099

Ion Ratio Lower Upper

65 100

67 53.0 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. -0.012 min

Lab File: VY016550.D

Acq: 30 Nov 2023 16:20

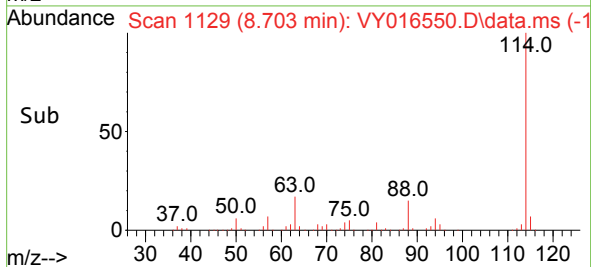
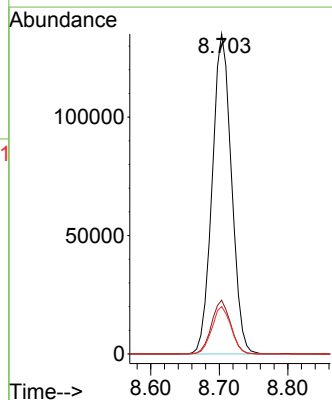
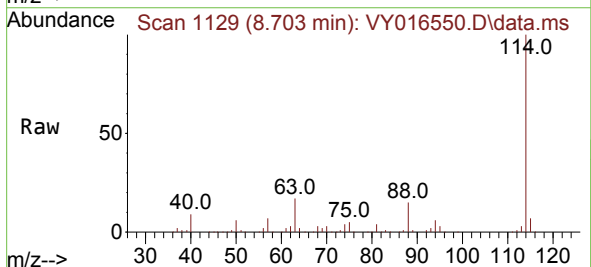
Tgt Ion: 114 Resp: 263915

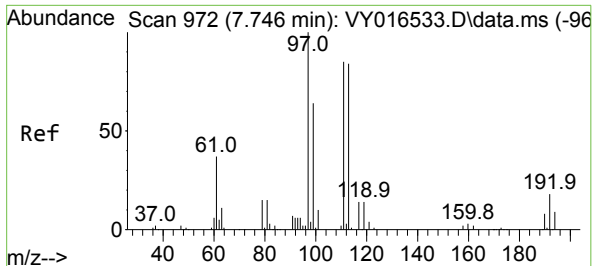
Ion Ratio Lower Upper

114 100

63 16.8 0.0 42.4

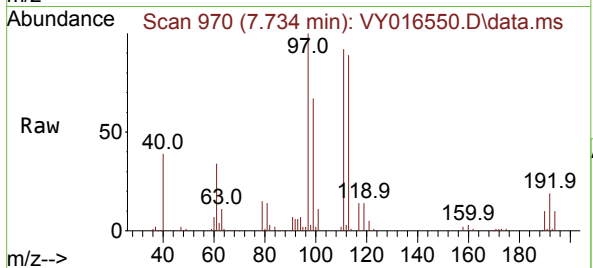
88 14.8 0.0 30.6



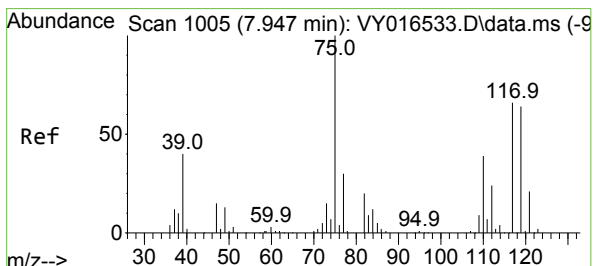
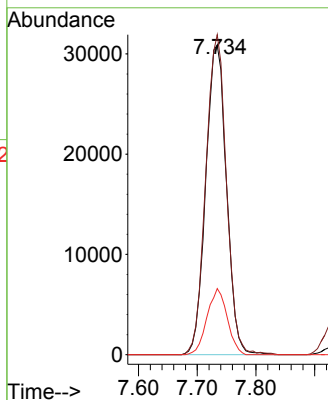
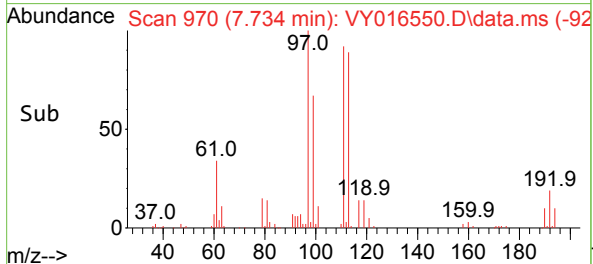


#35
Dibromofluoromethane
Concen: 48.881 ug/l
RT: 7.734 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY016550.D
Acq: 30 Nov 2023 16:20

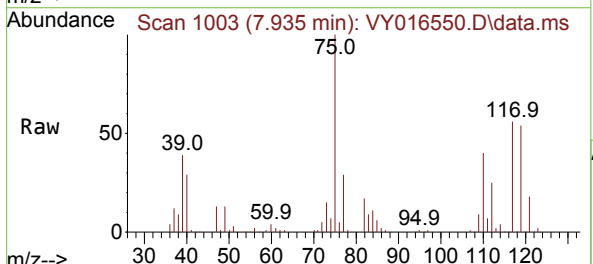
Instrument :
MSVOA_Y
ClientSampleId :



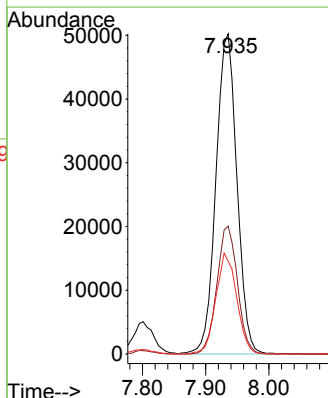
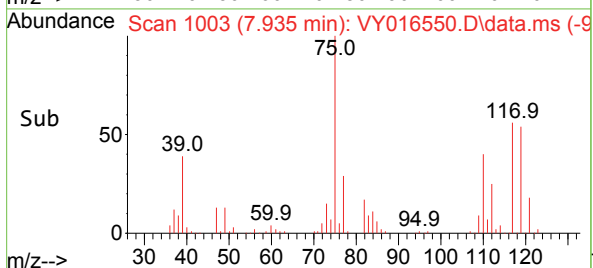
Tgt Ion:113 Resp: 75714
Ion Ratio Lower Upper
113 100
111 102.8 81.3 121.9
192 20.7 16.9 25.3

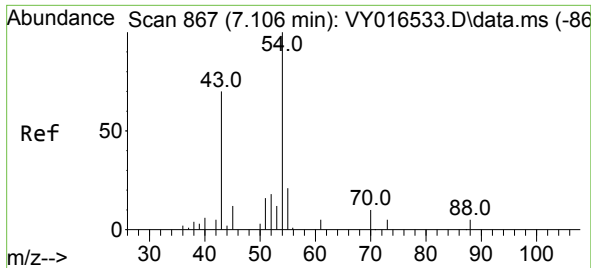


#36
1,1-Dichloropropene
Concen: 50.477 ug/l
RT: 7.935 min Scan# 1003
Delta R.T. -0.012 min
Lab File: VY016550.D
Acq: 30 Nov 2023 16:20



Tgt Ion: 75 Resp: 115458
Ion Ratio Lower Upper
75 100
110 39.2 17.8 53.5
77 31.3 24.4 36.6





#37

Ethyl Acetate

Concen: 40.289 ug/l

RT: 7.088 min Scan# 8

Delta R.T. -0.018 min

Lab File: VY016550.D

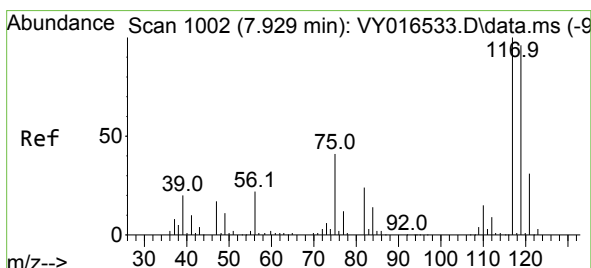
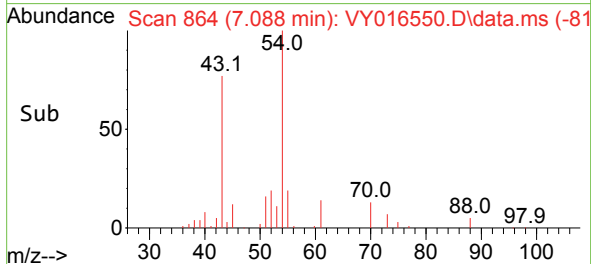
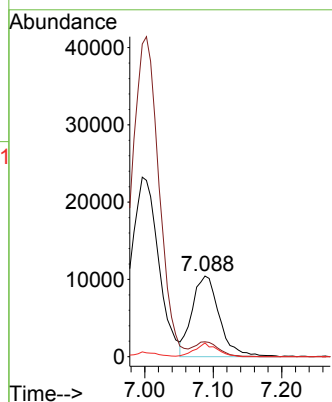
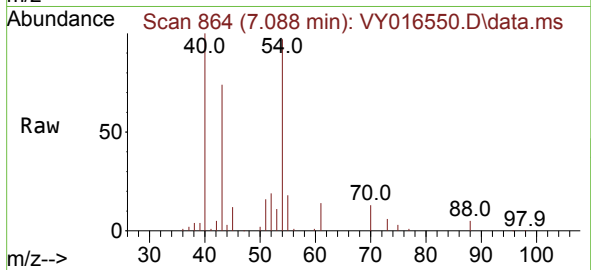
Acq: 30 Nov 2023 16:20

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 43	Resp: 28883
Ion Ratio	Lower Upper
43	100
61	16.8 10.1 15.1#
70	13.5 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 51.912 ug/l

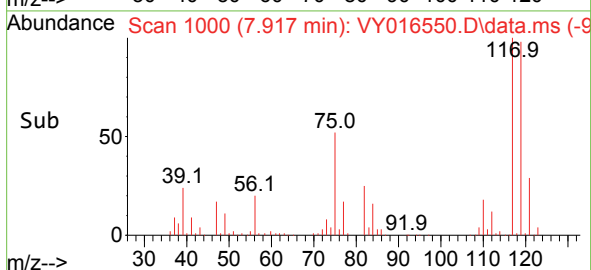
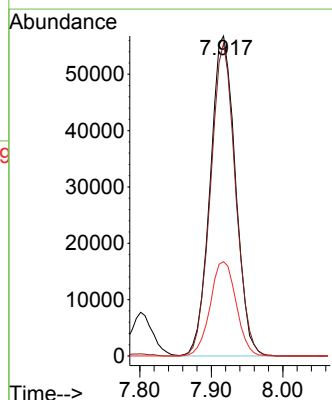
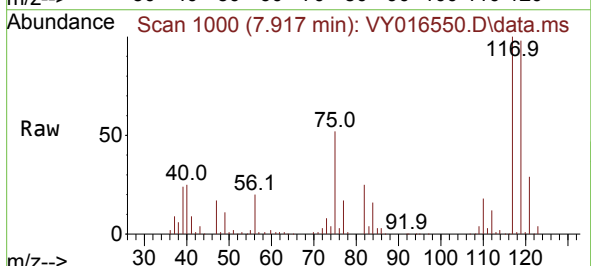
RT: 7.917 min Scan# 1000

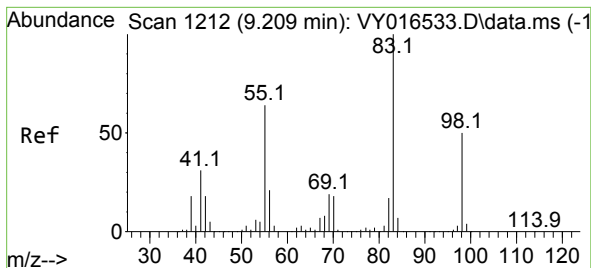
Delta R.T. -0.012 min

Lab File: VY016550.D

Acq: 30 Nov 2023 16:20

Tgt Ion: 117	Resp: 139364
Ion Ratio	Lower Upper
117	100
119	97.7 76.4 114.6
121	29.5 25.8 38.6





#39

Methylcyclohexane

Concen: 51.493 ug/l

RT: 9.197 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY016550.D

Acq: 30 Nov 2023 16:20

Instrument :

MSVOA_Y

ClientSampleId :

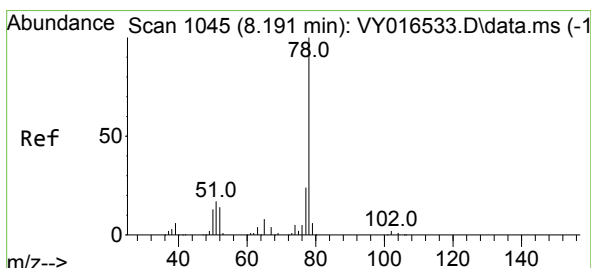
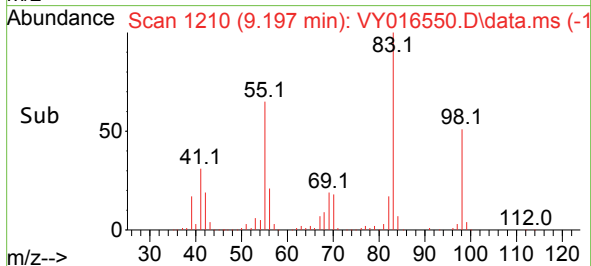
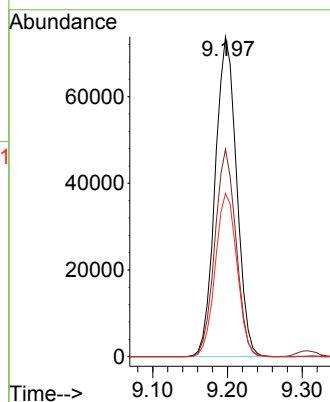
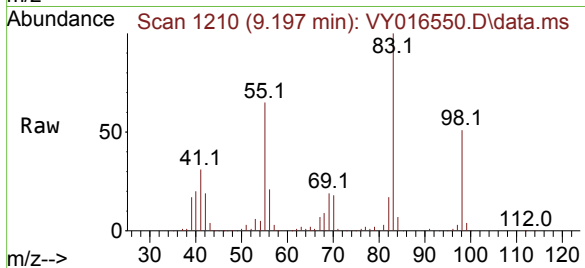
Tgt Ion: 83 Resp: 146910

Ion Ratio Lower Upper

83 100

55 64.8 63.0 94.4

98 51.0 37.4 56.2



#40

Benzene

Concen: 49.473 ug/l

RT: 8.173 min Scan# 1042

Delta R.T. -0.018 min

Lab File: VY016550.D

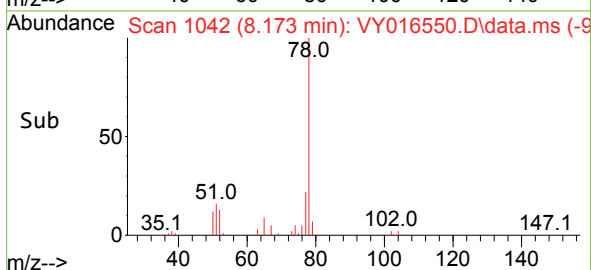
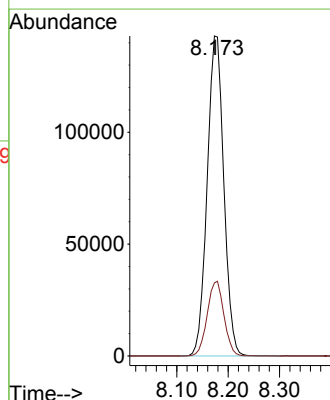
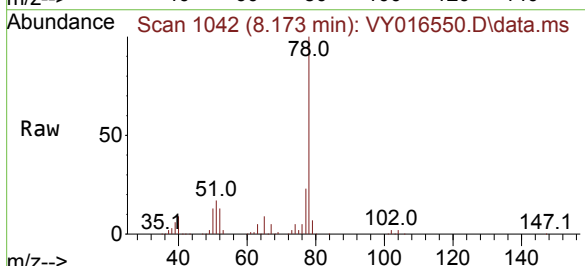
Acq: 30 Nov 2023 16:20

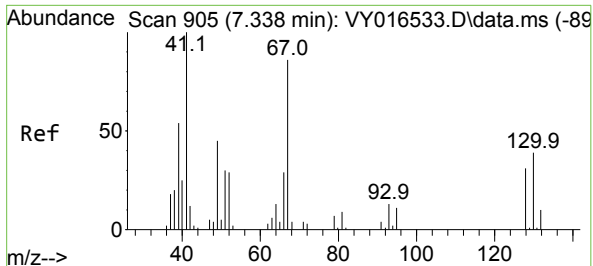
Tgt Ion: 78 Resp: 320847

Ion Ratio Lower Upper

78 100

77 22.9 19.0 28.6

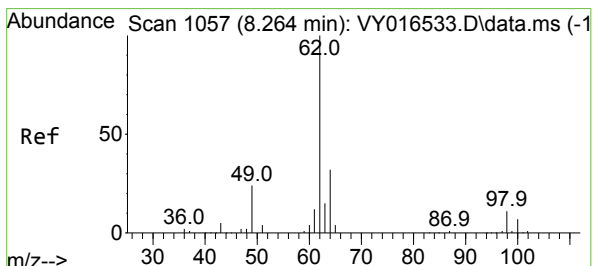
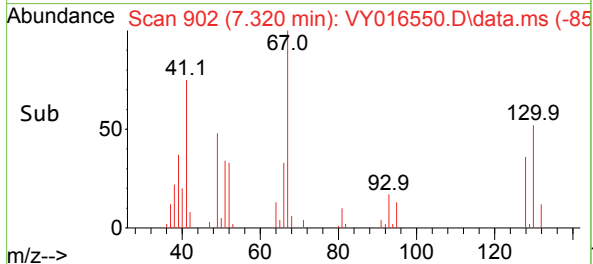
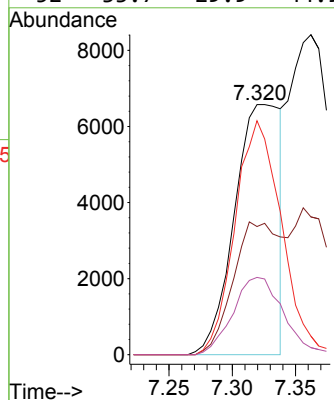
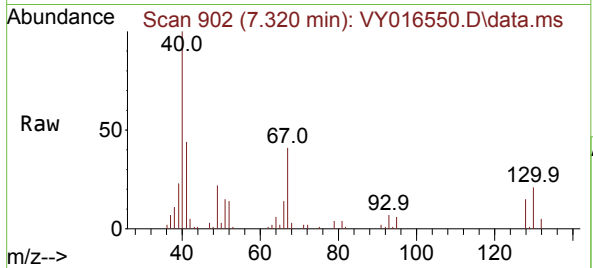




#41
Methacrylonitrile
Concen: 44.013 ug/l
RT: 7.320 min Scan# 905
Delta R.T. -0.018 min
Lab File: VY016550.D
Acq: 30 Nov 2023 16:20

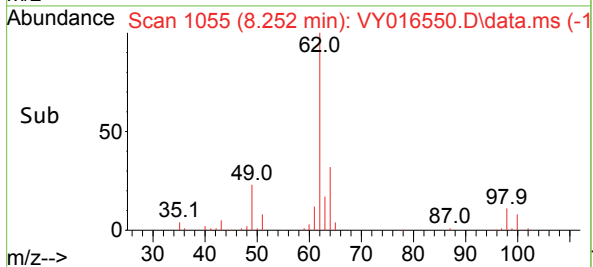
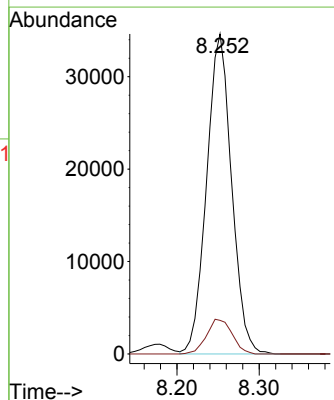
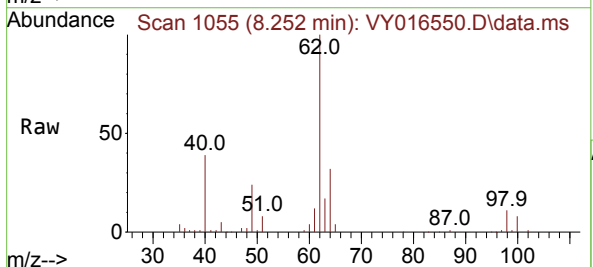
Instrument :
MSVOA_Y
ClientSampleId :

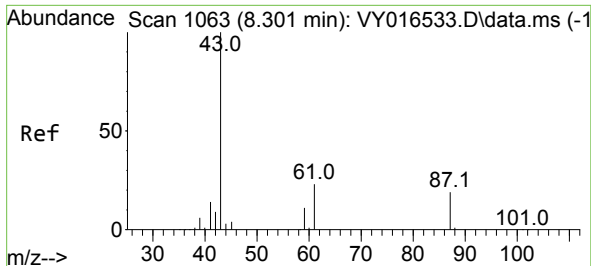
Tgt Ion: 41 Resp: 16621
Ion Ratio Lower Upper
41 100
39 59.2 52.1 78.1
67 94.8 66.2 99.2
52 33.7 29.9 44.9



#42
1,2-Dichloroethane
Concen: 45.433 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. -0.012 min
Lab File: VY016550.D
Acq: 30 Nov 2023 16:20

Tgt Ion: 62 Resp: 73017
Ion Ratio Lower Upper
62 100
98 11.1 0.0 15.8

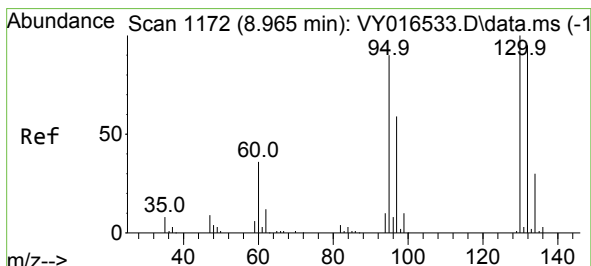
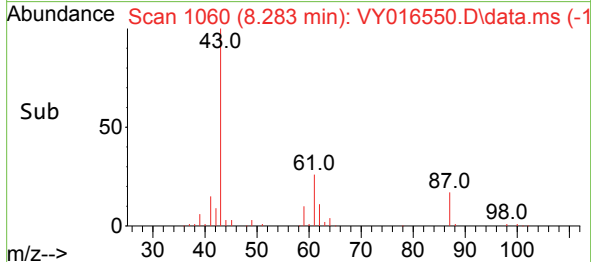
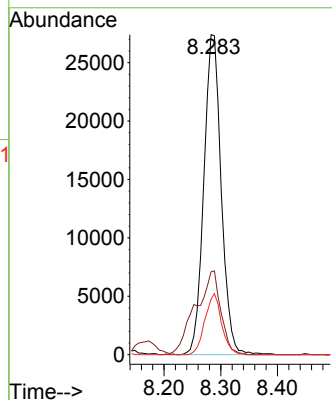
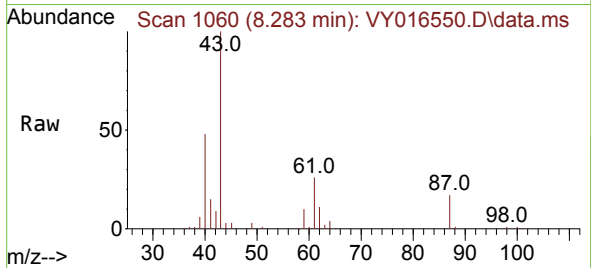




#43
Isopropyl Acetate
Concen: 41.534 ug/l
RT: 8.283 min Scan# 1060
Delta R.T. -0.018 min
Lab File: VY016550.D
Acq: 30 Nov 2023 16:20

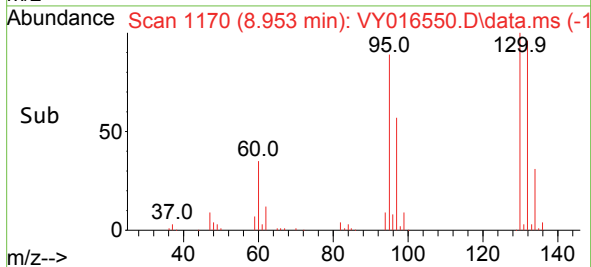
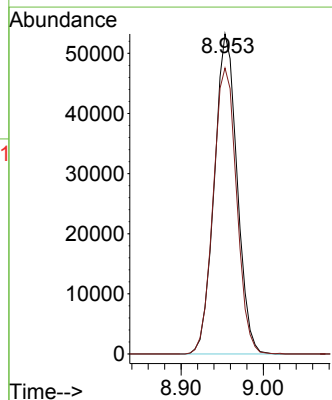
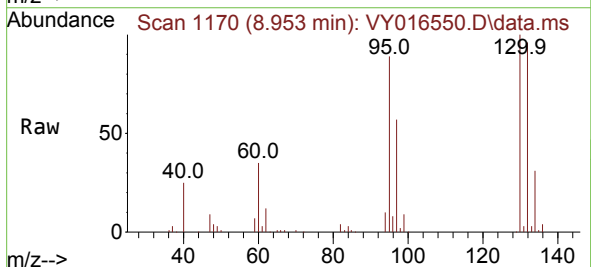
Instrument :
MSVOA_Y
ClientSampleId :

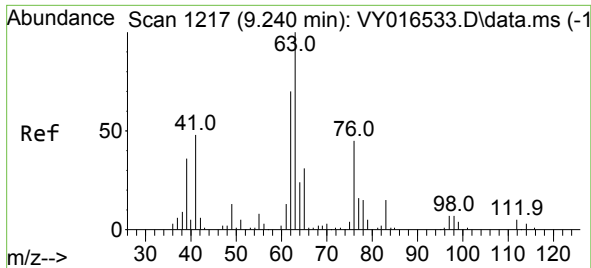
Tgt Ion: 43 Resp: 58551
Ion Ratio Lower Upper
43 100
61 37.8 21.1 31.7#
87 18.3 9.8 14.8#



#44
Trichloroethene
Concen: 51.240 ug/l
RT: 8.953 min Scan# 1170
Delta R.T. -0.012 min
Lab File: VY016550.D
Acq: 30 Nov 2023 16:20

Tgt Ion:130 Resp: 102357
Ion Ratio Lower Upper
130 100
95 89.4 0.0 196.0

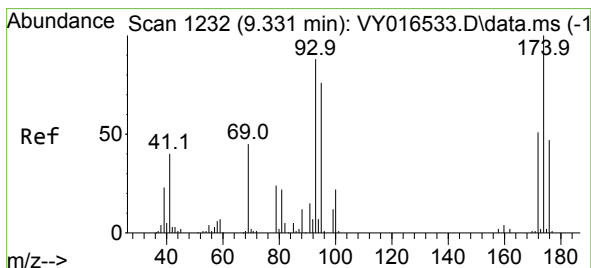
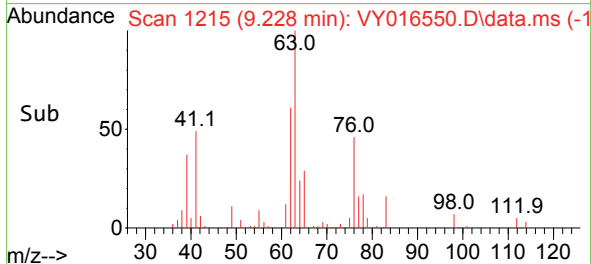
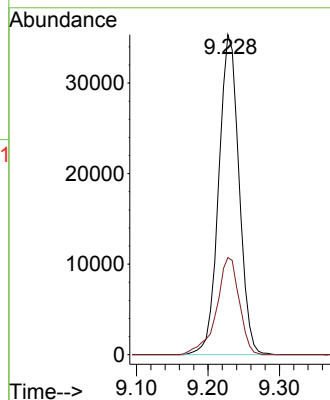
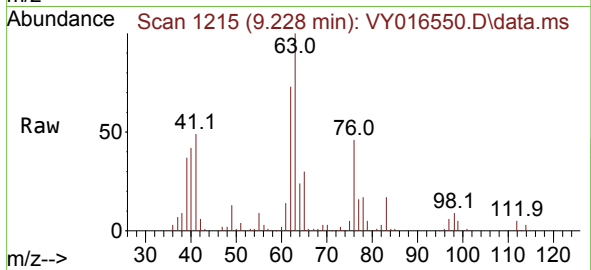




#45
1,2-Dichloropropane
Concen: 47.588 ug/l
RT: 9.228 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY016550.D
Acq: 30 Nov 2023 16:20

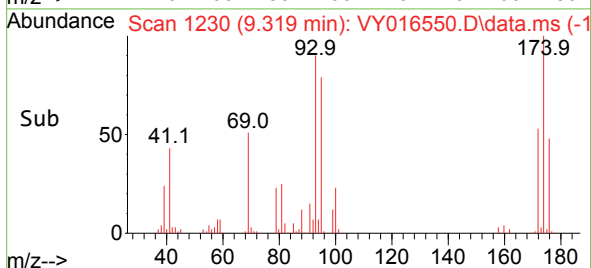
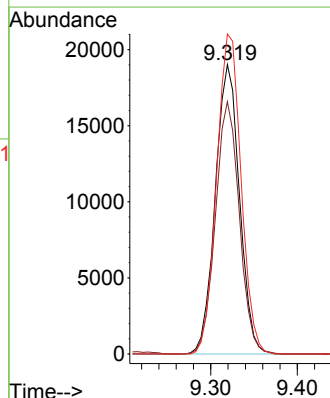
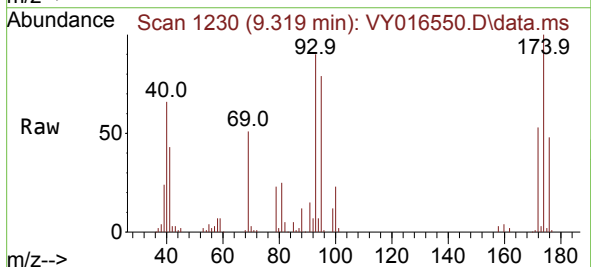
Instrument :
MSVOA_Y
ClientSampleId :

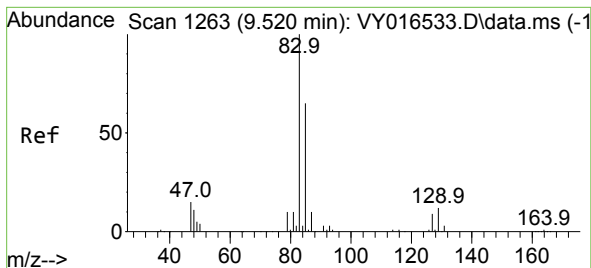
Tgt Ion: 63 Resp: 69640
Ion Ratio Lower Upper
63 100
65 30.4 23.8 35.6



#46
Dibromomethane
Concen: 44.770 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. -0.012 min
Lab File: VY016550.D
Acq: 30 Nov 2023 16:20

Tgt Ion: 93 Resp: 36840
Ion Ratio Lower Upper
93 100
95 86.1 66.6 100.0
174 111.8 84.8 127.2





#47

Bromodichloromethane

Concen: 48.258 ug/l

RT: 9.508 min Scan# 1261

Delta R.T. -0.012 min

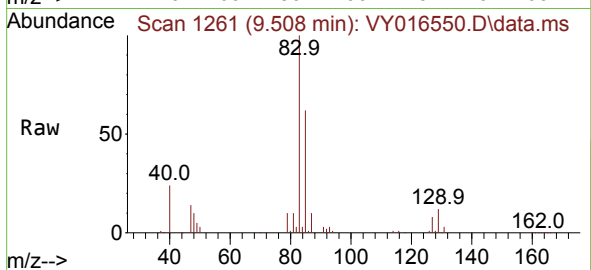
Lab File: VY016550.D

Acq: 30 Nov 2023 16:20

Instrument :

MSVOA_Y

ClientSampleId :



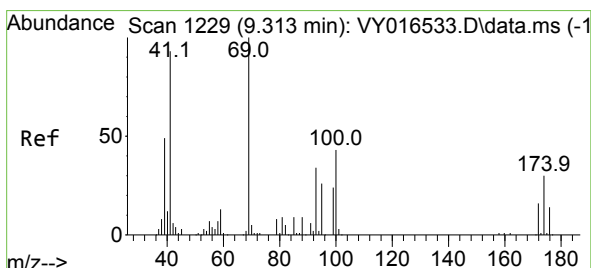
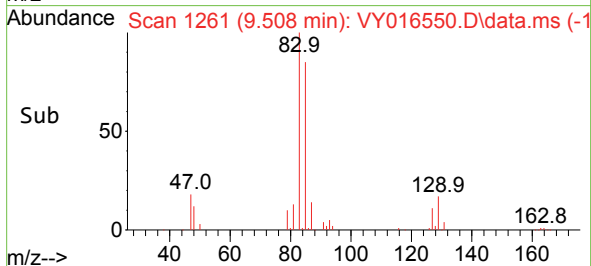
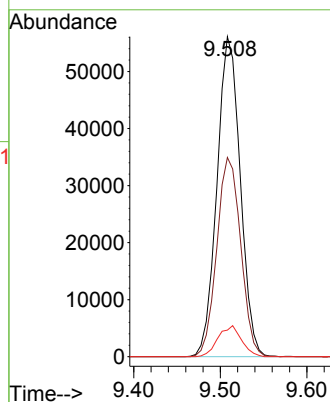
Tgt Ion: 83 Resp: 104843

Ion Ratio Lower Upper

83 100

85 62.3 50.1 75.1

127 8.3 7.1 10.7



#48

Methyl methacrylate

Concen: 42.242 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.006 min

Lab File: VY016550.D

Acq: 30 Nov 2023 16:20

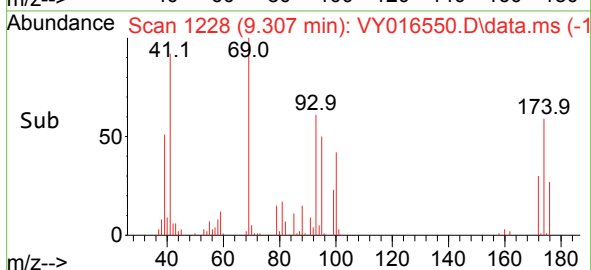
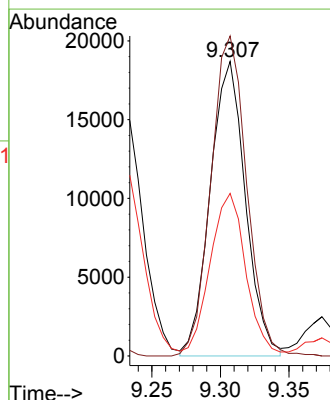
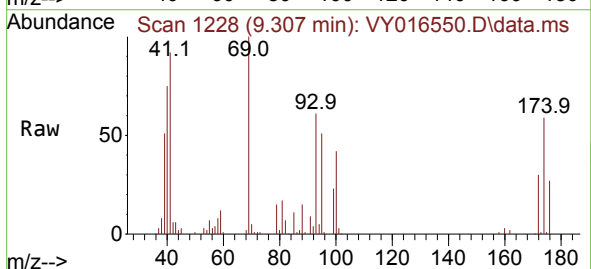
Tgt Ion: 41 Resp: 33432

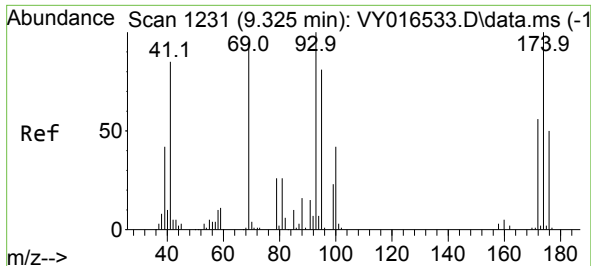
Ion Ratio Lower Upper

41 100

69 110.4 64.5 96.7#

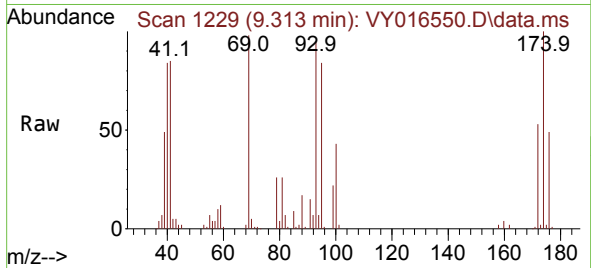
39 53.5 50.8 76.2



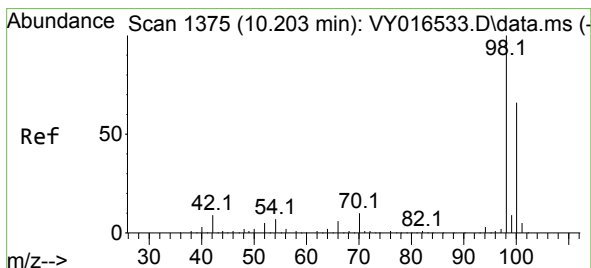
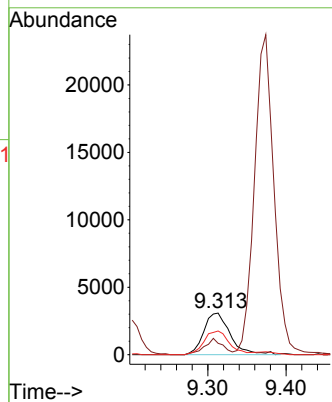
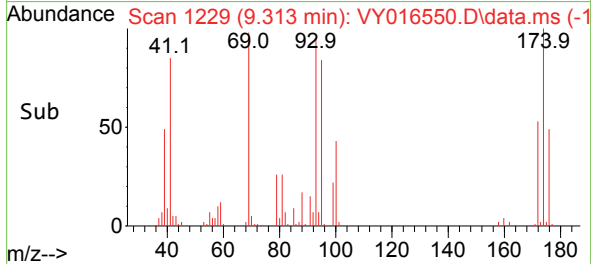


#49
1,4-Dioxane
Concen: 950.159 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. -0.012 min
Lab File: VY016550.D
Acq: 30 Nov 2023 16:20

Instrument :
MSVOA_Y
ClientSampleId :

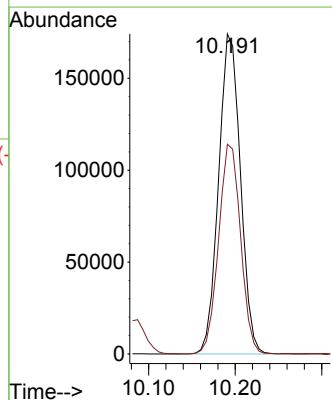
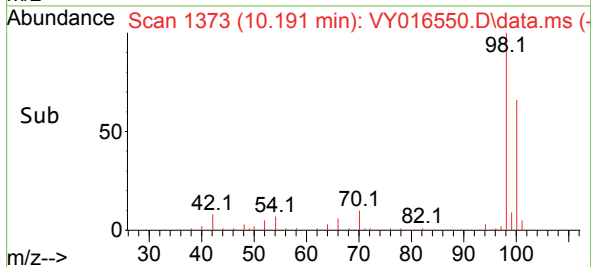
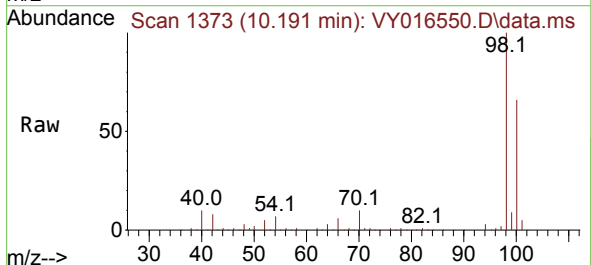


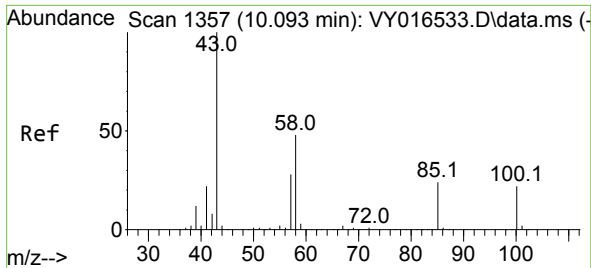
Tgt Ion: 88 Resp: 7247
Ion Ratio Lower Upper
88 100
43 26.7 0.0 0.0#
58 54.7 30.9 46.3#



#50
Toluene-d8
Concen: 50.730 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. -0.012 min
Lab File: VY016550.D
Acq: 30 Nov 2023 16:20

Tgt Ion: 98 Resp: 304770
Ion Ratio Lower Upper
98 100
100 66.1 50.1 75.1

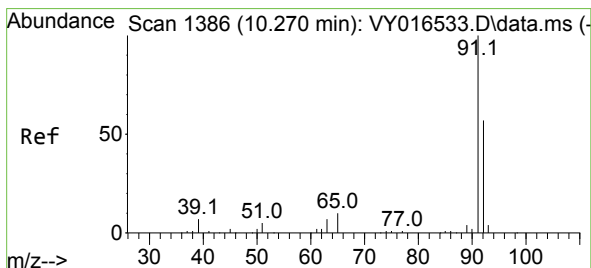
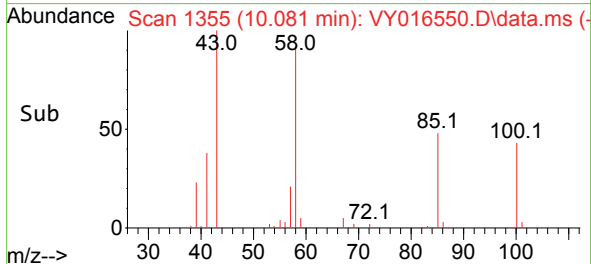
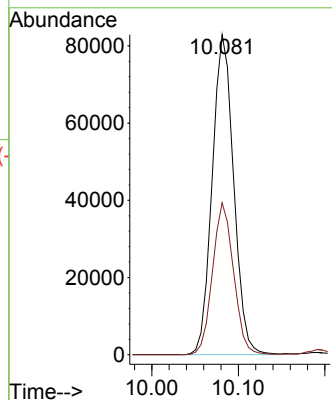
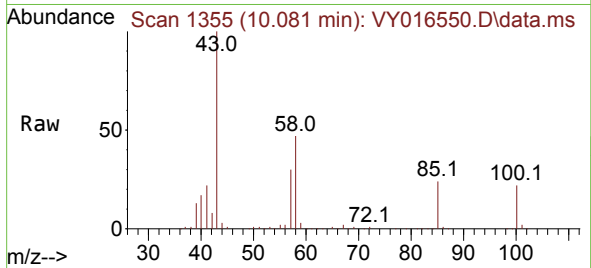




#51
4-Methyl-2-Pentanone
Concen: 194.054 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. -0.012 min
Lab File: VY016550.D
Acq: 30 Nov 2023 16:20

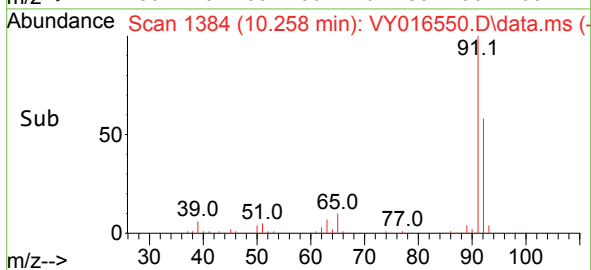
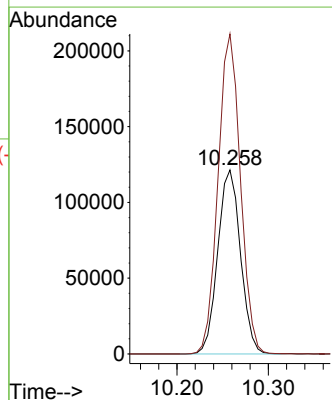
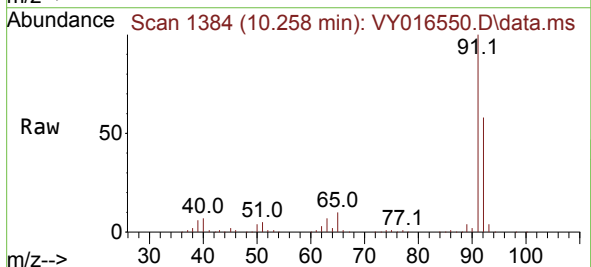
Instrument :
MSVOA_Y
ClientSampleId :

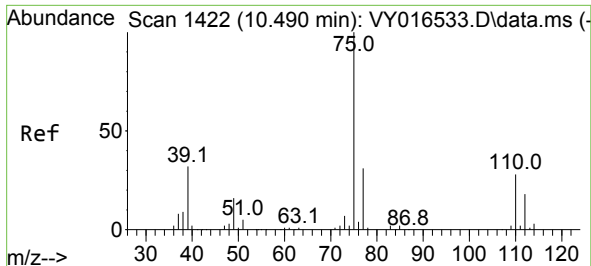
Tgt Ion: 43 Resp: 142712
Ion Ratio Lower Upper
43 100
58 46.6 29.0 43.6#



#52
Toluene
Concen: 50.424 ug/l
RT: 10.258 min Scan# 1384
Delta R.T. -0.012 min
Lab File: VY016550.D
Acq: 30 Nov 2023 16:20

Tgt Ion: 92 Resp: 210071
Ion Ratio Lower Upper
92 100
91 171.2 143.8 215.6

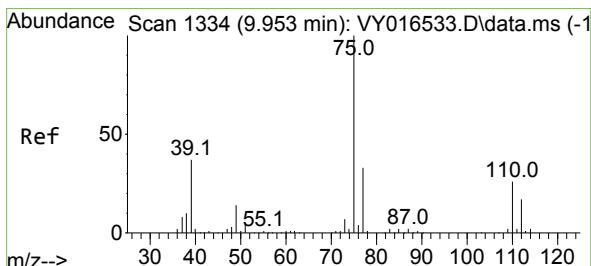
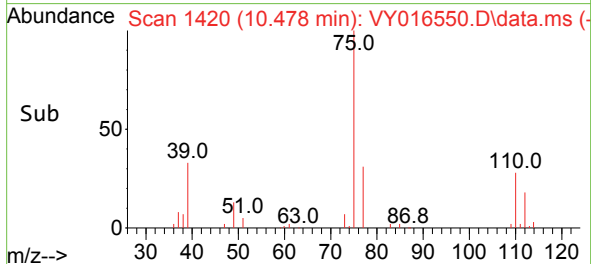
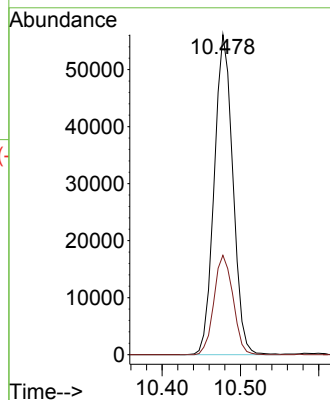
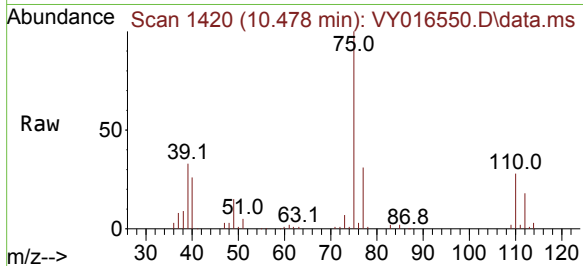




#53
 t-1,3-Dichloropropene
 Concen: 46.140 ug/l
 RT: 10.478 min Scan# 1422
 Delta R.T. -0.012 min
 Lab File: VY016550.D
 Acq: 30 Nov 2023 16:20

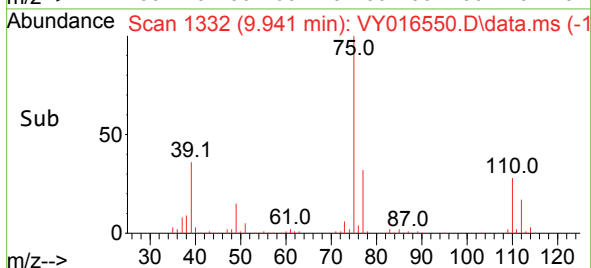
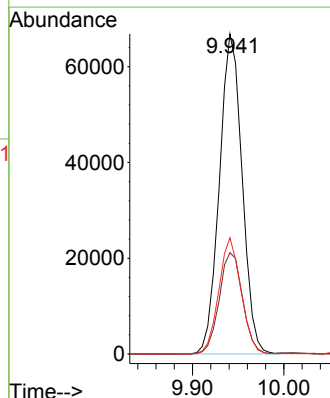
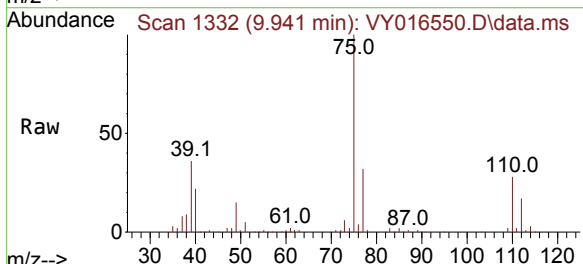
Instrument :
 MSVOA_Y
 ClientSampleId :

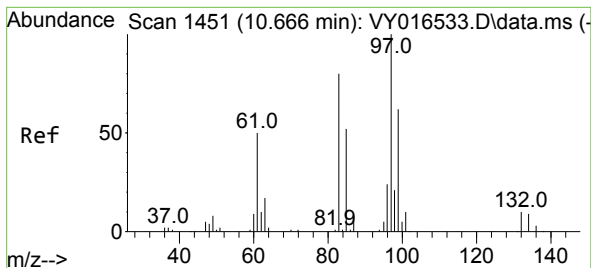
Tgt Ion: 75 Resp: 92889
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 47.376 ug/l
 RT: 9.941 min Scan# 1332
 Delta R.T. -0.012 min
 Lab File: VY016550.D
 Acq: 30 Nov 2023 16:20

Tgt Ion: 75 Resp: 115577
 Ion Ratio Lower Upper
 75 100
 77 31.7 24.2 36.4
 39 36.3 42.2 63.4#





#55

1,1,2-Trichloroethane

Concen: 44.215 ug/l

RT: 10.660 min Scan# 1451

Delta R.T. -0.006 min

Lab File: VY016550.D

Acq: 30 Nov 2023 16:20

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 52500

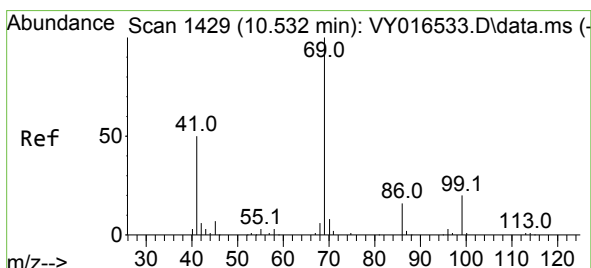
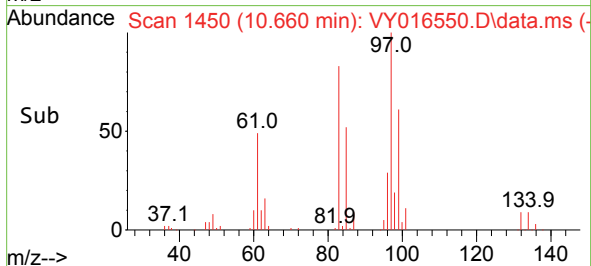
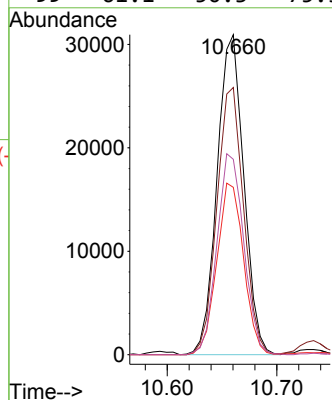
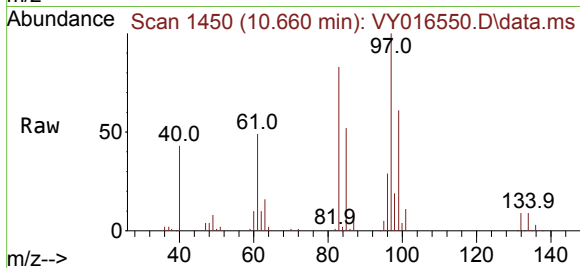
Ion Ratio Lower Upper

97 100

83 83.5 72.0 108.0

85 52.3 45.4 68.0

99 61.1 50.3 75.5



#56

Ethyl methacrylate

Concen: 44.314 ug/l

RT: 10.520 min Scan# 1427

Delta R.T. -0.012 min

Lab File: VY016550.D

Acq: 30 Nov 2023 16:20

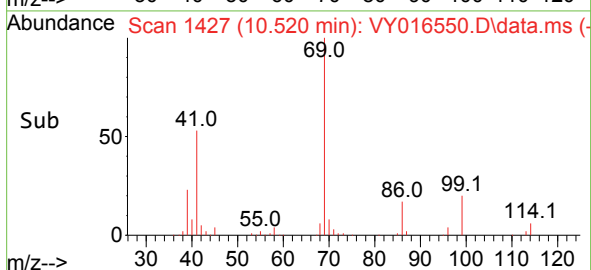
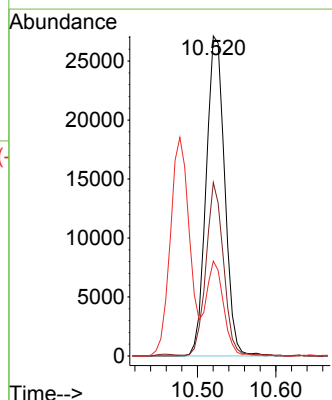
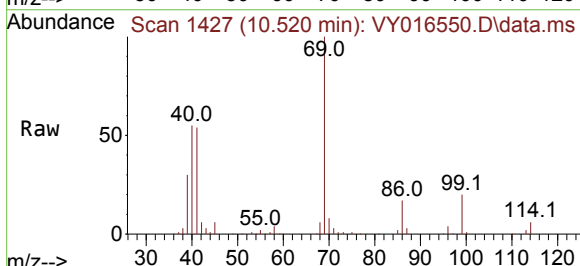
Tgt Ion: 69 Resp: 44529

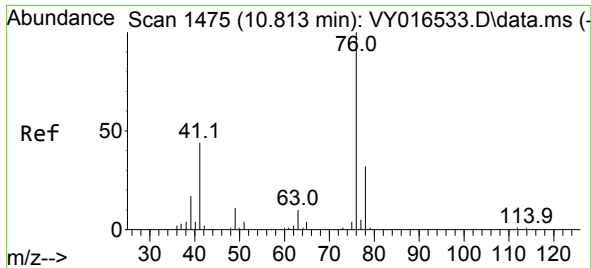
Ion Ratio Lower Upper

69 100

41 51.6 57.6 86.4#

39 27.8 34.1 51.1#

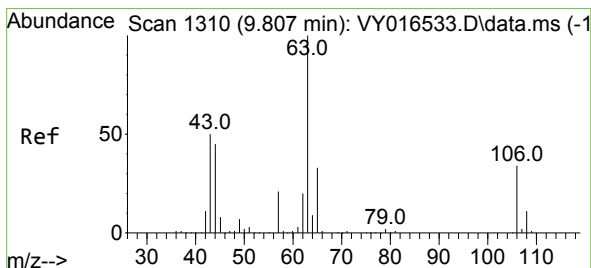
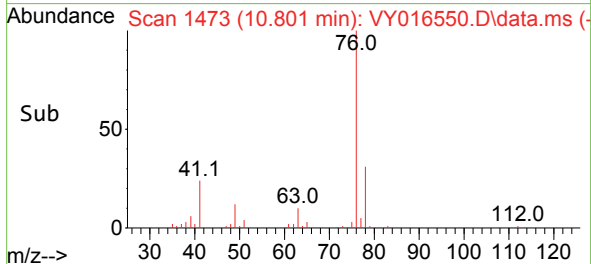
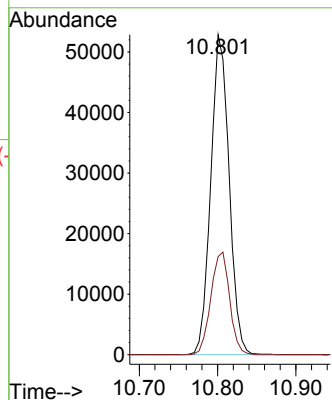
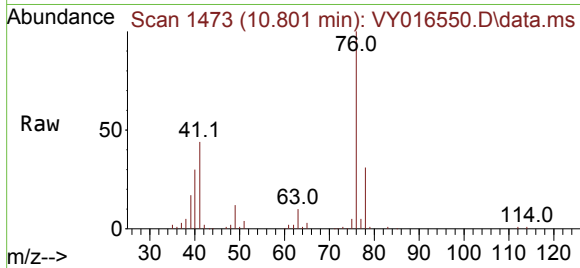




#57
1,3-Dichloropropane
Concen: 44.952 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. -0.012 min
Lab File: VY016550.D
Acq: 30 Nov 2023 16:20

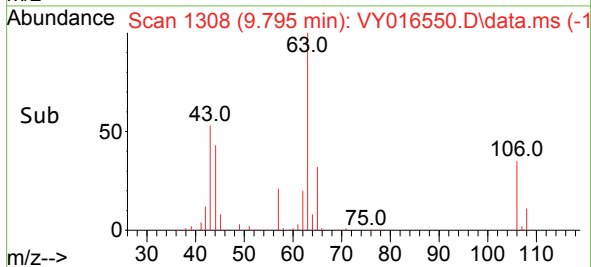
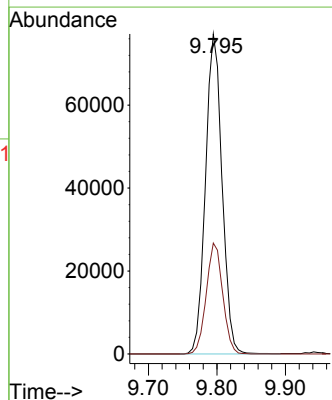
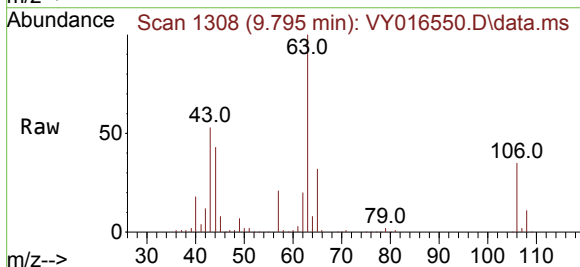
Instrument :
MSVOA_Y
ClientSampleId :

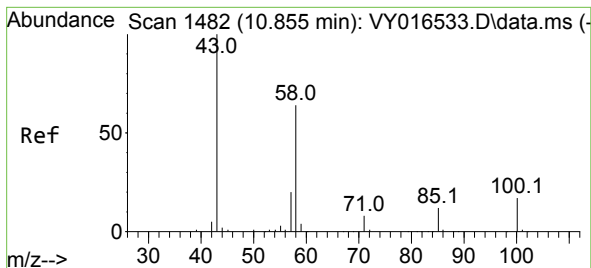
Tgt Ion: 76 Resp: 85975
Ion Ratio Lower Upper
76 100
78 32.7 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 208.740 ug/l
RT: 9.795 min Scan# 1308
Delta R.T. -0.012 min
Lab File: VY016550.D
Acq: 30 Nov 2023 16:20

Tgt Ion: 63 Resp: 129705
Ion Ratio Lower Upper
63 100
106 34.3 21.2 31.8#

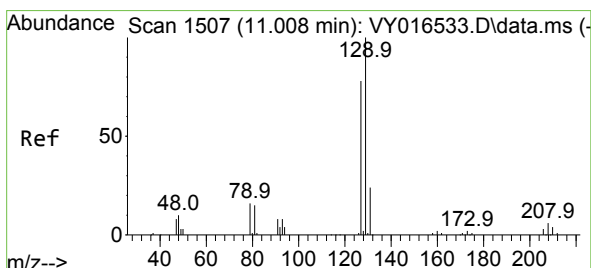
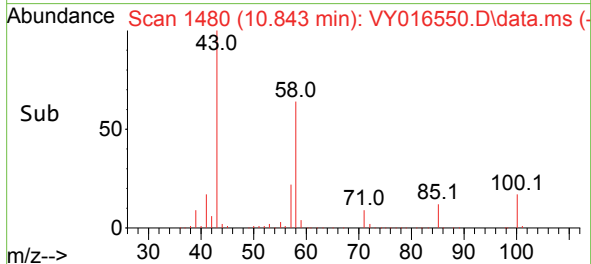
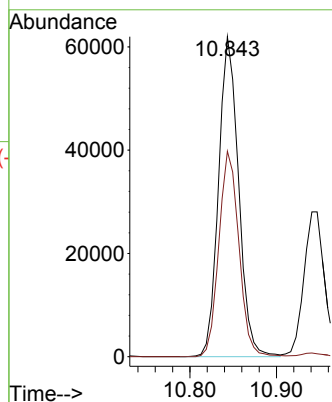
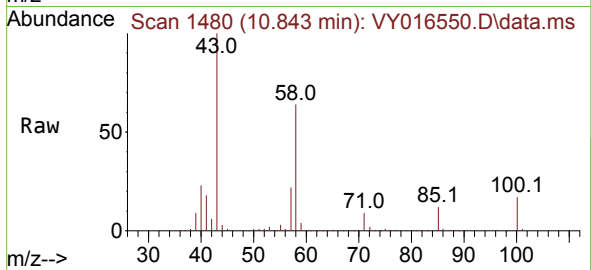




#59
2-Hexanone
Concen: 171.077 ug/l
RT: 10.843 min Scan# 1480
Delta R.T. -0.012 min
Lab File: VY016550.D
Acq: 30 Nov 2023 16:20

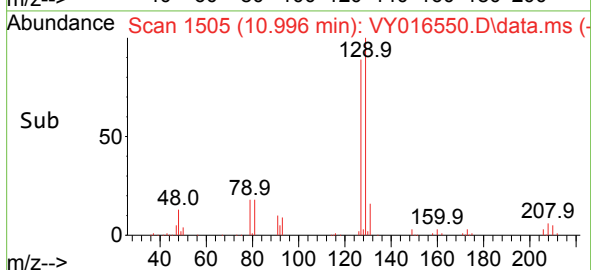
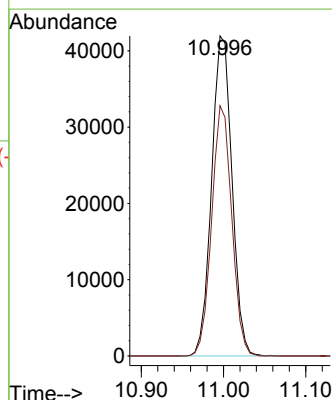
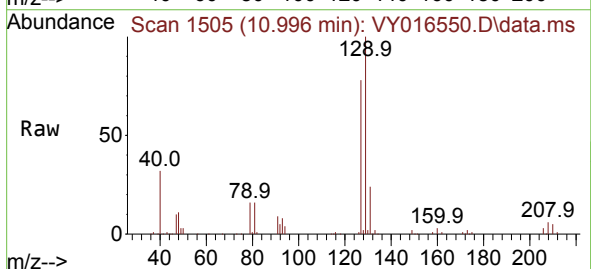
Instrument :
MSVOA_Y
ClientSampleId :

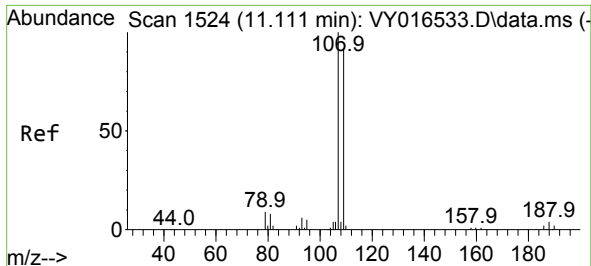
Tgt Ion: 43 Resp: 99380
Ion Ratio Lower Upper
43 100
58 64.3 25.1 75.3



#60
Dibromochloromethane
Concen: 46.541 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. -0.012 min
Lab File: VY016550.D
Acq: 30 Nov 2023 16:20

Tgt Ion: 129 Resp: 72233
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.5

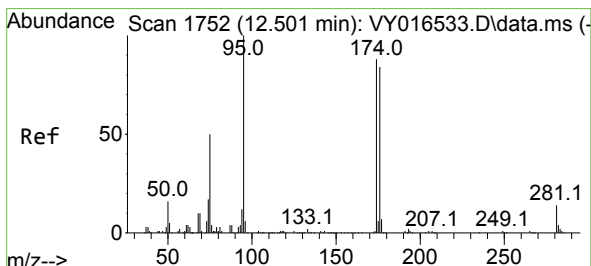
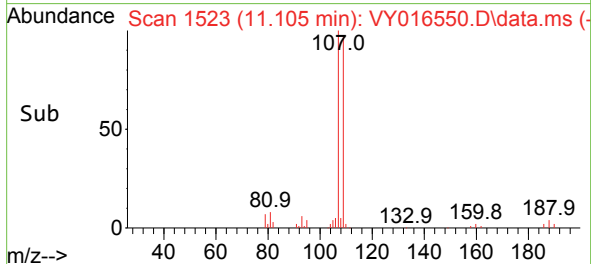
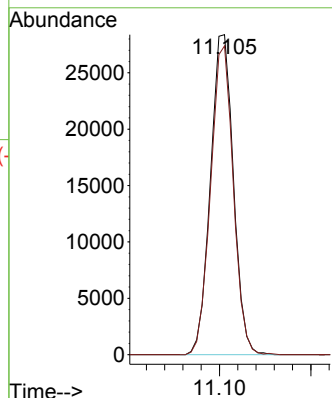
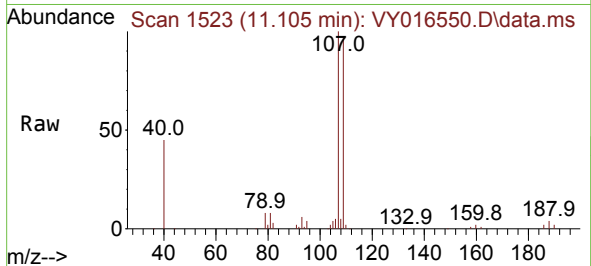




#61
1,2-Dibromoethane
Concen: 44.122 ug/l
RT: 11.105 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016550.D
Acq: 30 Nov 2023 16:20

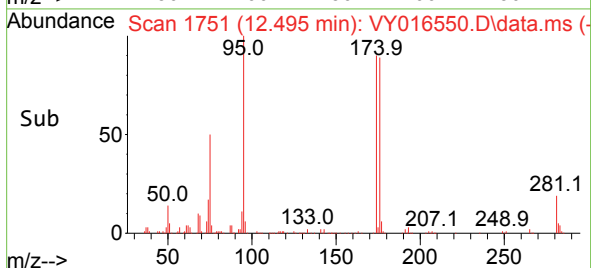
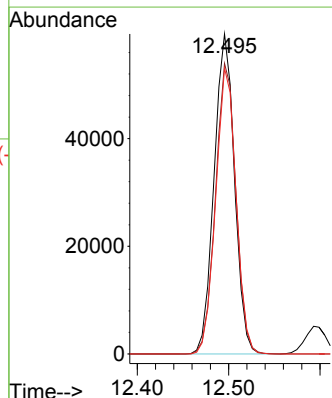
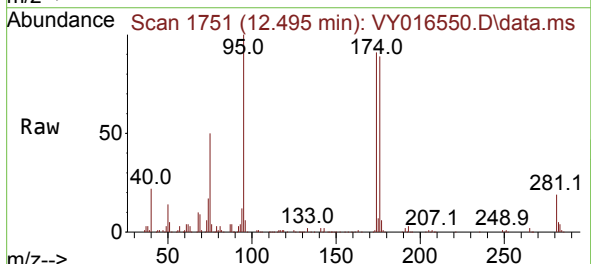
Instrument :
MSVOA_Y
ClientSampleId :

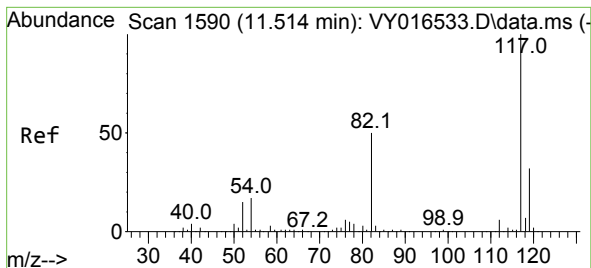
Tgt Ion:107 Resp: 49474
Ion Ratio Lower Upper
107 100
109 95.1 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 48.884 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. -0.006 min
Lab File: VY016550.D
Acq: 30 Nov 2023 16:20

Tgt Ion: 95 Resp: 92127
Ion Ratio Lower Upper
95 100
174 91.1 0.0 178.2
176 89.1 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY016550.D

Acq: 30 Nov 2023 16:20

Instrument :

MSVOA_Y

ClientSampleId :

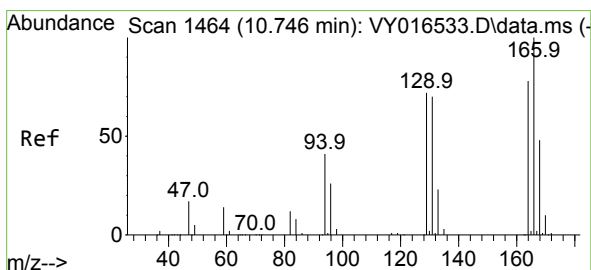
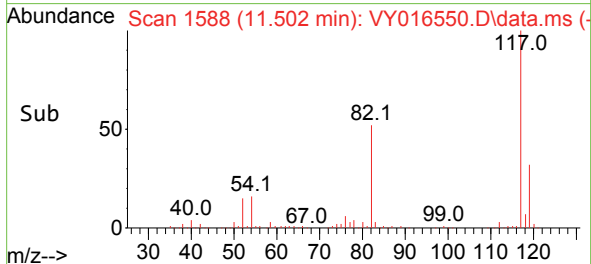
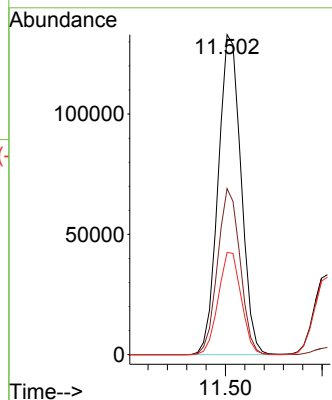
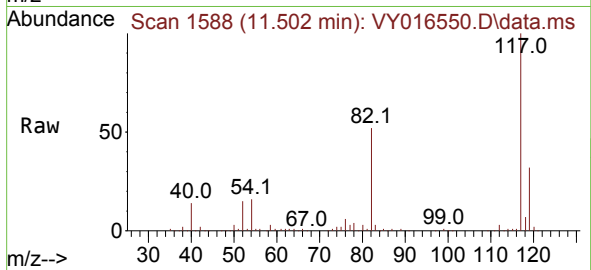
Tgt Ion:117 Resp: 217997

Ion Ratio Lower Upper

117 100

82 51.9 43.4 65.0

119 32.0 26.3 39.5



#64

Tetrachloroethene

Concen: 53.789 ug/l

RT: 10.734 min Scan# 1462

Delta R.T. -0.012 min

Lab File: VY016550.D

Acq: 30 Nov 2023 16:20

Tgt Ion:164 Resp: 104355

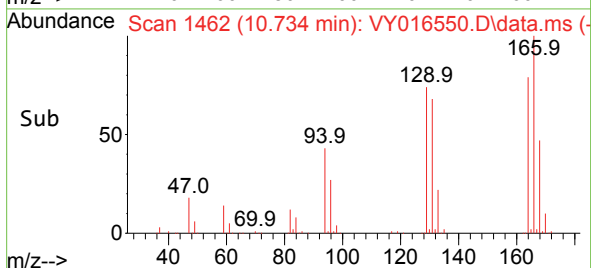
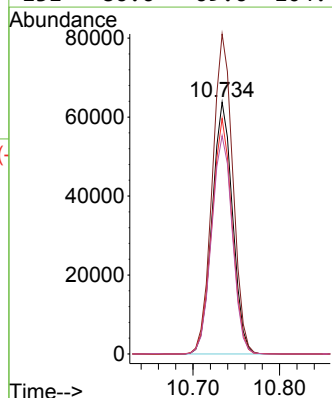
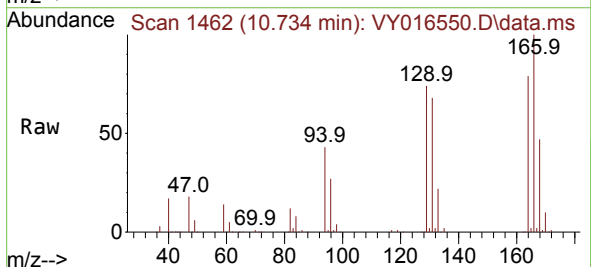
Ion Ratio Lower Upper

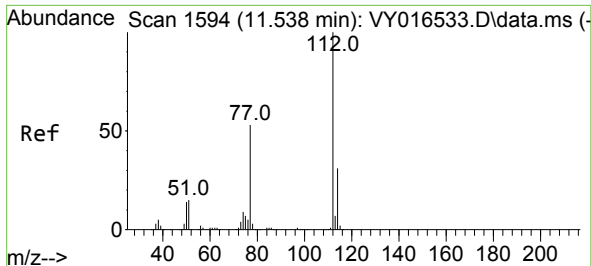
164 100

166 127.0 103.0 154.6

129 93.5 77.2 115.8

131 86.6 69.6 104.4

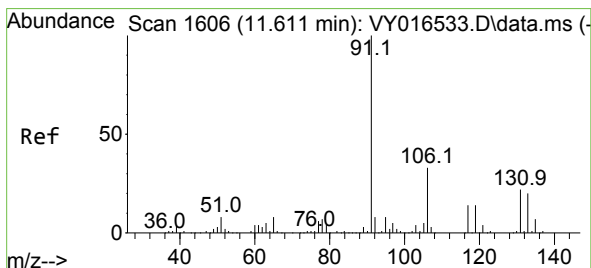
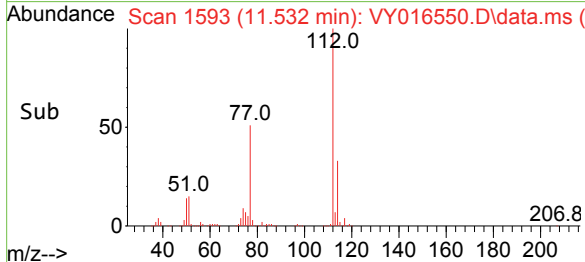
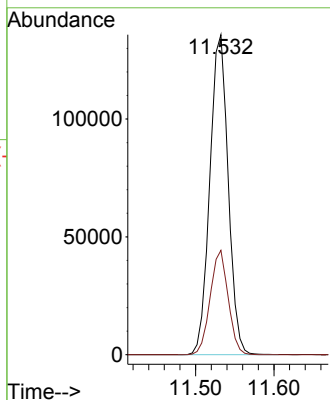
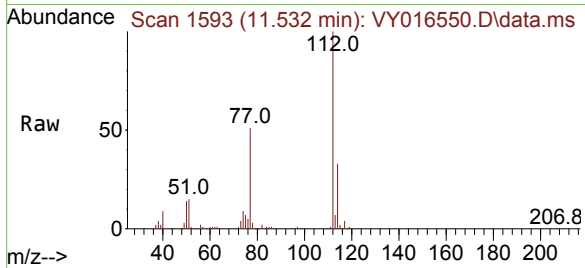




#65
Chlorobenzene
Concen: 50.600 ug/l
RT: 11.532 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016550.D
Acq: 30 Nov 2023 16:20

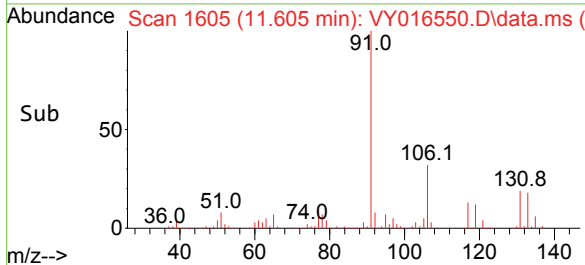
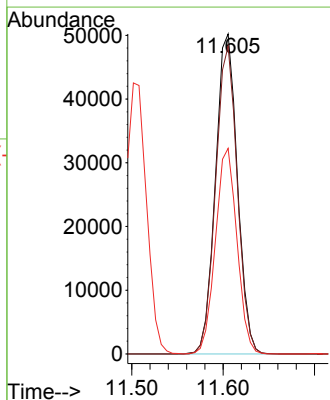
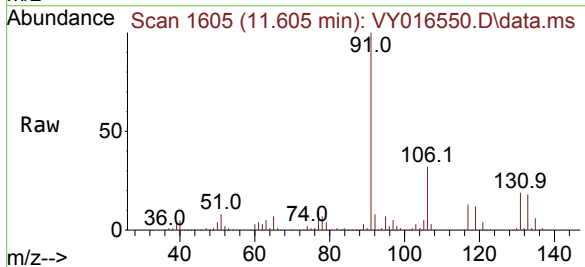
Instrument :
MSVOA_Y
ClientSampleId :

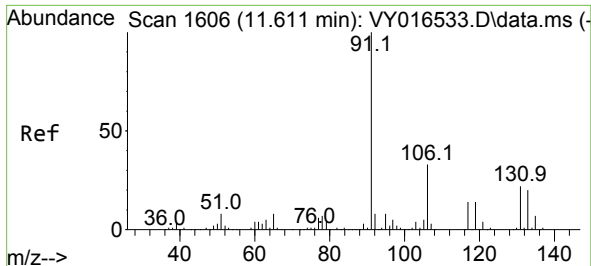
Tgt Ion:112 Resp: 220904
Ion Ratio Lower Upper
112 100
114 32.6 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 50.122 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. -0.006 min
Lab File: VY016550.D
Acq: 30 Nov 2023 16:20

Tgt Ion:131 Resp: 83884
Ion Ratio Lower Upper
131 100
133 95.1 47.5 142.6
119 63.2 31.6 94.7





#67

Ethyl Benzene

Concen: 52.641 ug/l

RT: 11.605 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY016550.D

Acq: 30 Nov 2023 16:20

Instrument :

MSVOA_Y

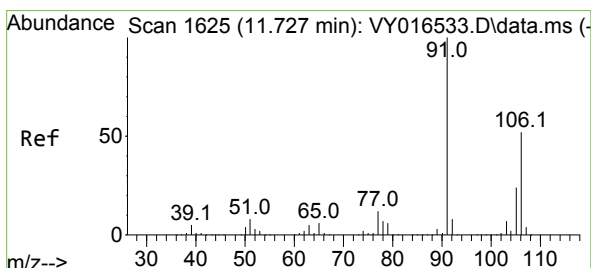
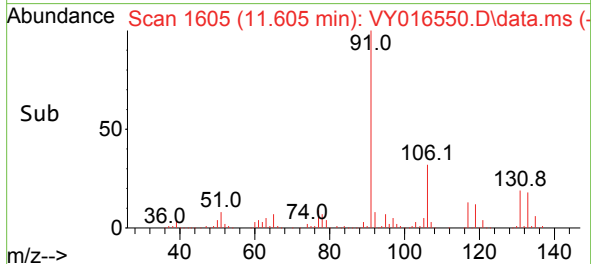
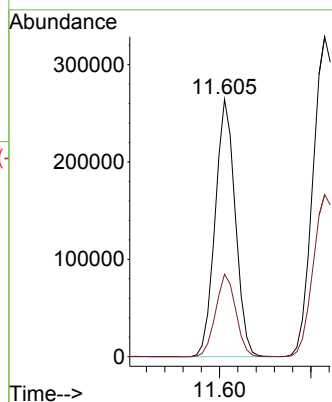
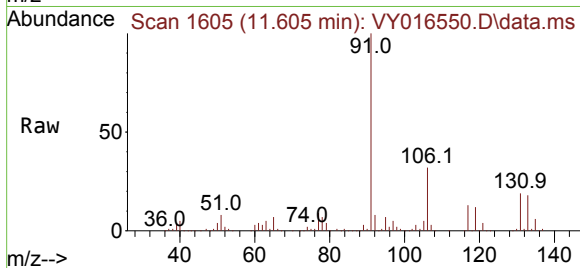
ClientSampleId :

Tgt Ion: 91 Resp: 403420

Ion Ratio Lower Upper

91 100

106 32.1 24.6 36.8



#68

m/p-Xylenes

Concen: 103.923 ug/l

RT: 11.715 min Scan# 1623

Delta R.T. -0.012 min

Lab File: VY016550.D

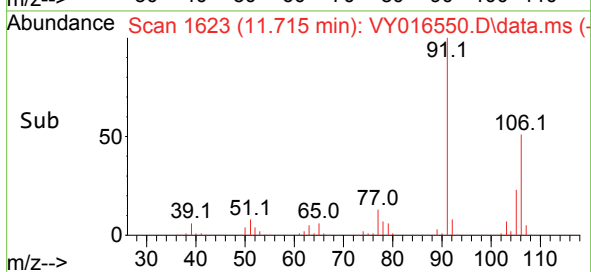
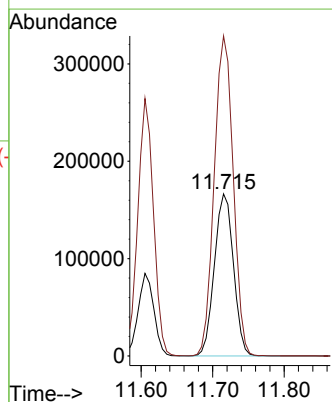
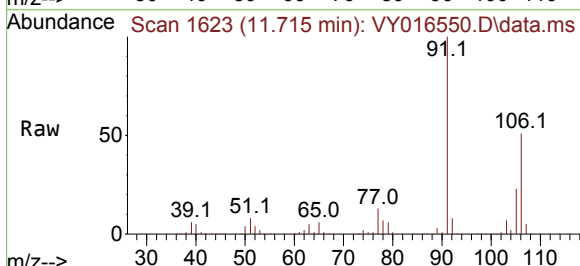
Acq: 30 Nov 2023 16:20

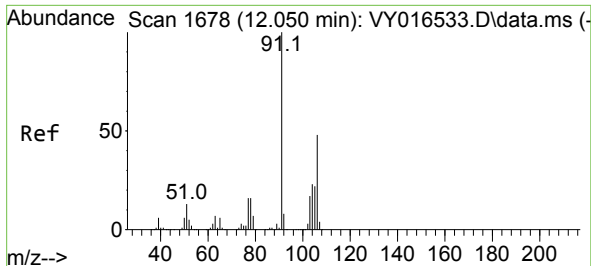
Tgt Ion:106 Resp: 308220

Ion Ratio Lower Upper

106 100

91 197.0 166.1 249.1

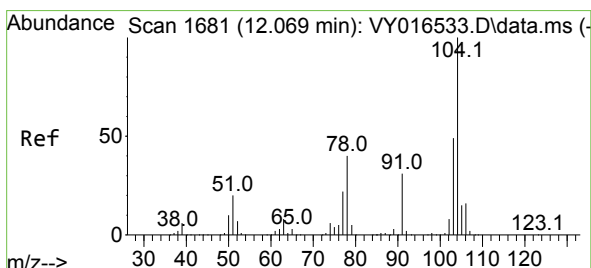
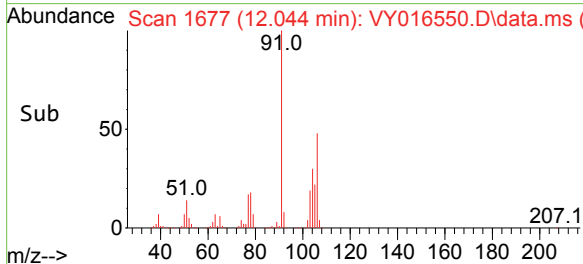
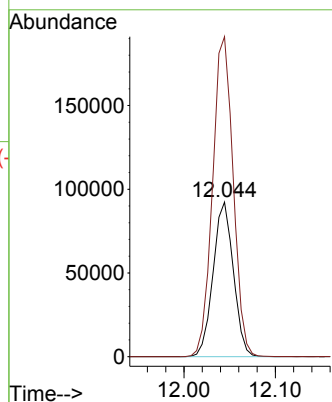
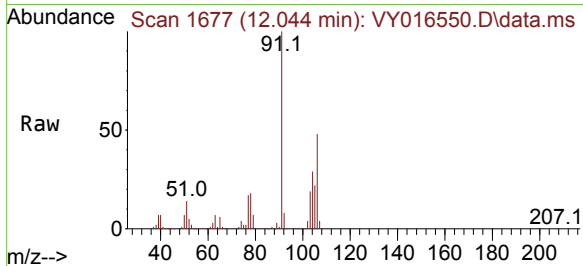




#69
o-Xylene
Concen: 52.195 ug/l
RT: 12.044 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY016550.D
Acq: 30 Nov 2023 16:20

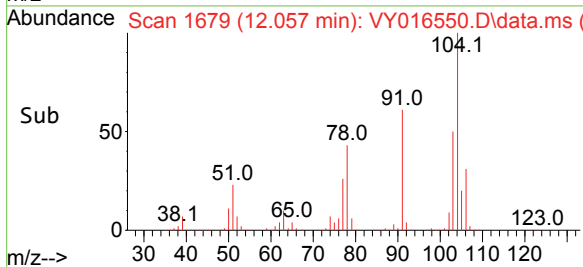
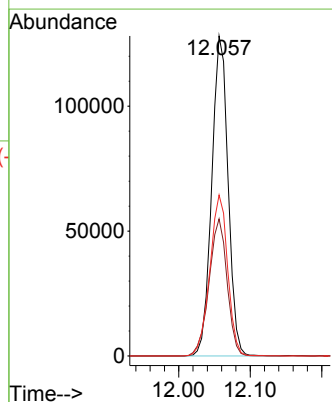
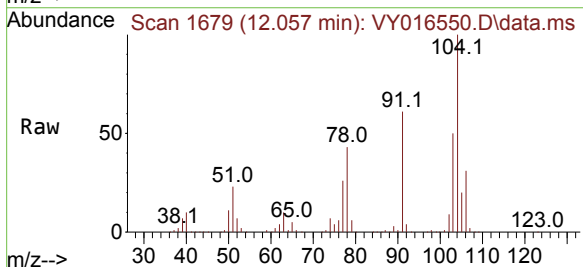
Instrument :
MSVOA_Y
ClientSampleId :

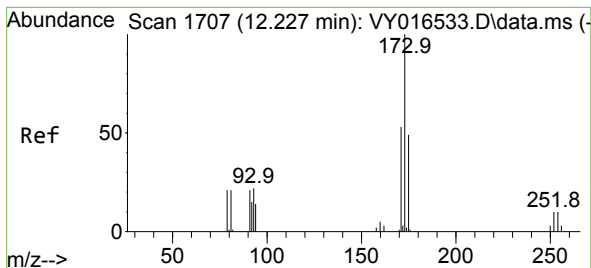
Tgt Ion:106 Resp: 142117
Ion Ratio Lower Upper
106 100
91 210.3 108.1 324.3



#70
Styrene
Concen: 51.910 ug/l
RT: 12.057 min Scan# 1679
Delta R.T. -0.012 min
Lab File: VY016550.D
Acq: 30 Nov 2023 16:20

Tgt Ion:104 Resp: 203363
Ion Ratio Lower Upper
104 100
78 47.2 41.5 62.3
103 55.0 44.6 67.0





#71

Bromoform

Concen: 46.854 ug/l

RT: 12.221 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016550.D

Acq: 30 Nov 2023 16:20

Instrument :

MSVOA_Y

ClientSampleId :

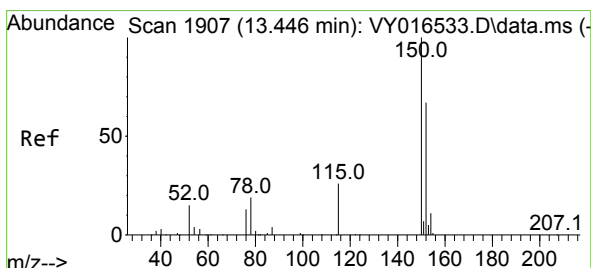
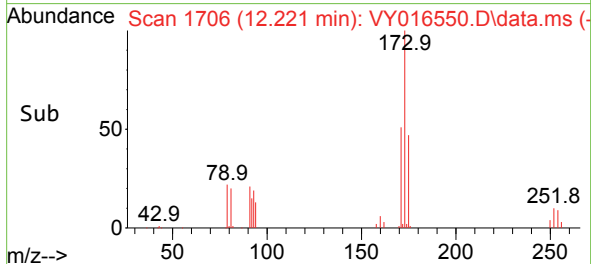
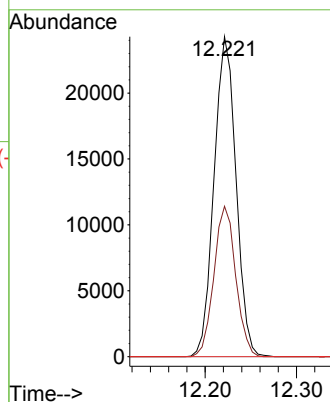
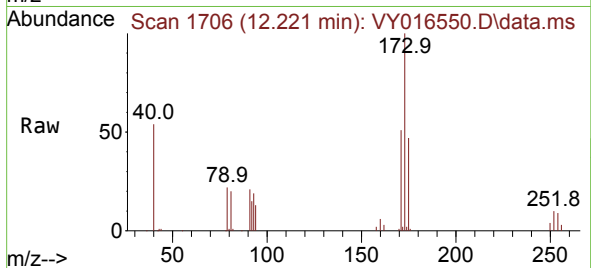
Tgt Ion:173 Resp: 40503

Ion Ratio Lower Upper

173 100

175 46.7 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY016550.D

Acq: 30 Nov 2023 16:20

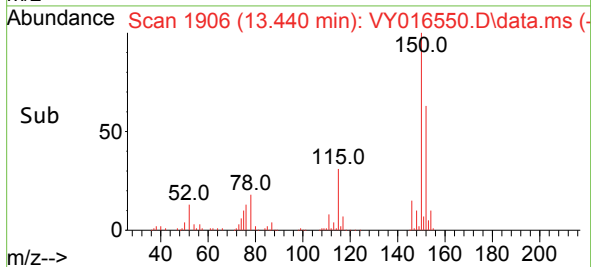
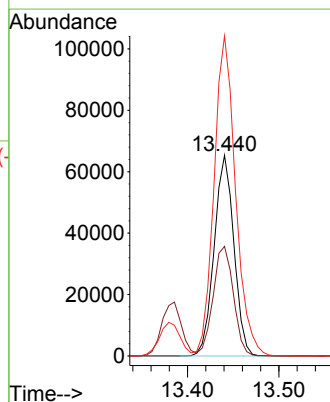
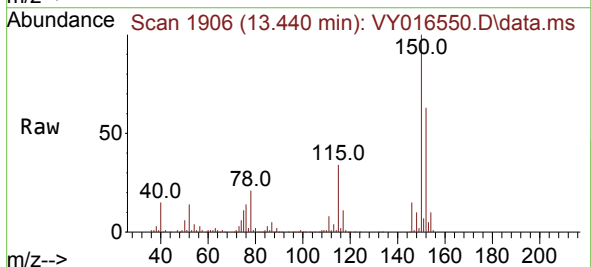
Tgt Ion:152 Resp: 98137

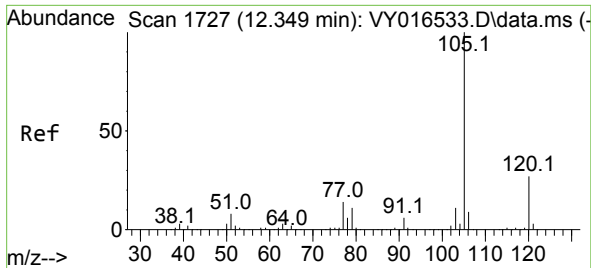
Ion Ratio Lower Upper

152 100

115 56.0 28.8 86.5

150 174.0 0.0 348.8

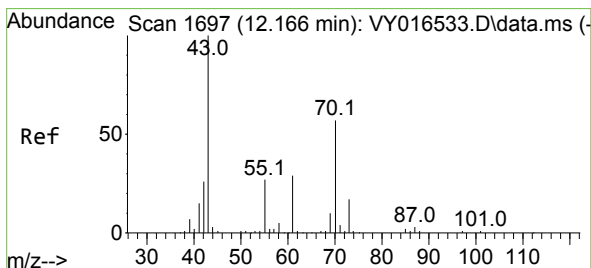
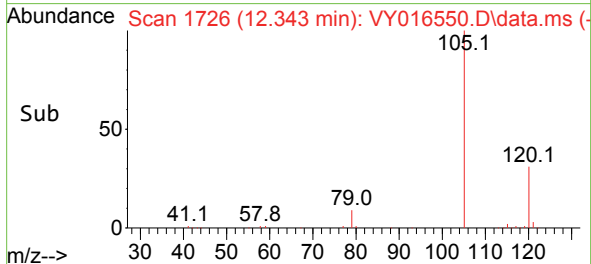
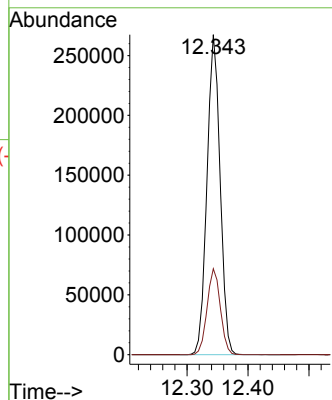
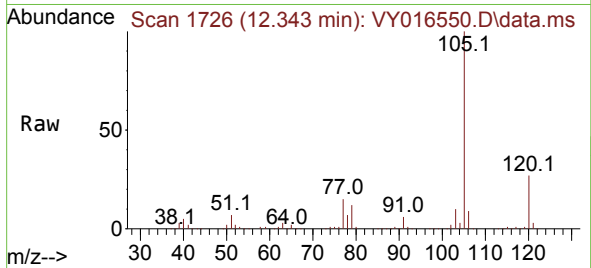




#73
Isopropylbenzene
Concen: 53.889 ug/l
RT: 12.343 min Scan# 1726
Delta R.T. -0.006 min
Lab File: VY016550.D
Acq: 30 Nov 2023 16:20

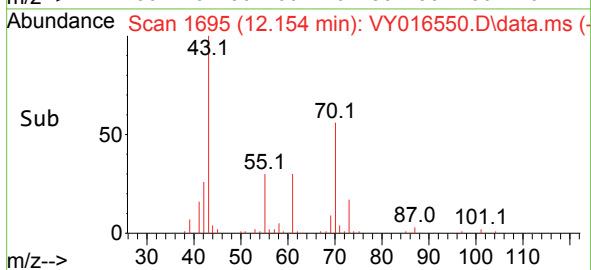
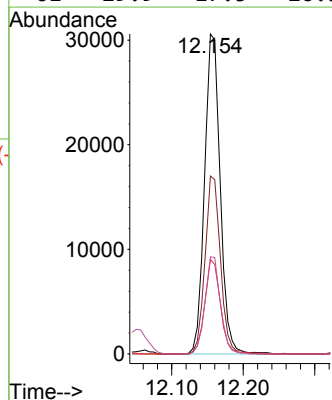
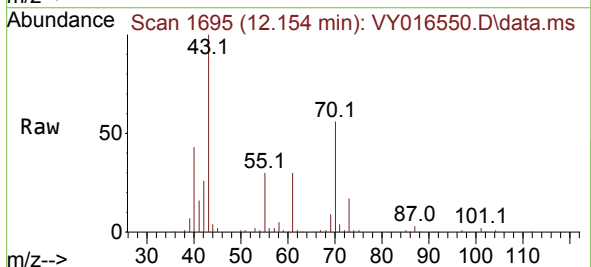
Instrument :
MSVOA_Y
ClientSampleId :

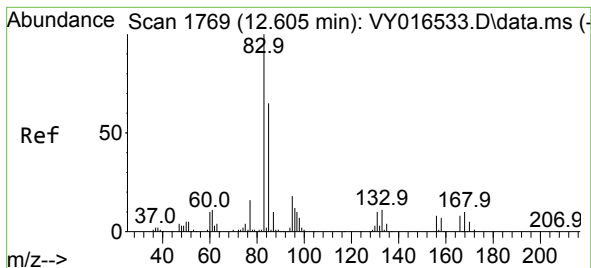
Tgt Ion:105 Resp: 401051
Ion Ratio Lower Upper
105 100
120 27.1 13.3 39.9



#74
N-ethyl acetate
Concen: 44.302 ug/l
RT: 12.154 min Scan# 1695
Delta R.T. -0.012 min
Lab File: VY016550.D
Acq: 30 Nov 2023 16:20

Tgt Ion: 43 Resp: 46562
Ion Ratio Lower Upper
43 100
70 54.8 29.7 44.5#
55 29.5 18.3 27.5#
61 29.9 17.5 26.3#





#75

1,1,2,2-Tetrachloroethane

Concen: 44.257 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. -0.012 min

Lab File: VY016550.D

Acq: 30 Nov 2023 16:20

Instrument :

MSVOA_Y

ClientSampleId :

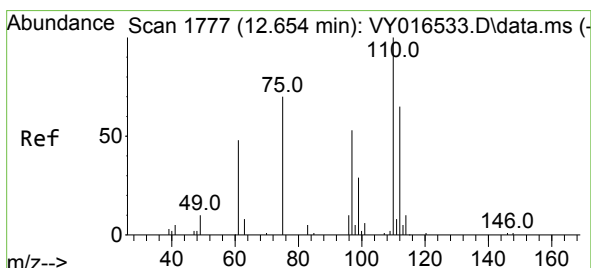
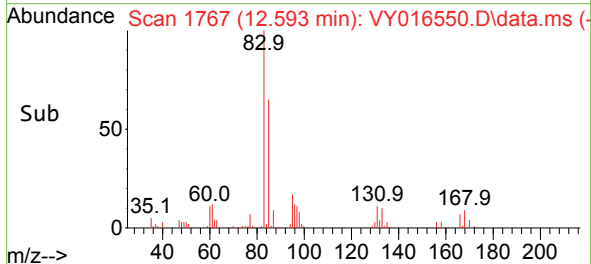
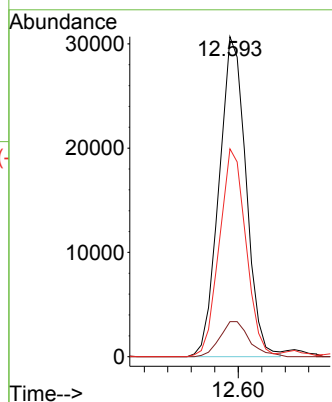
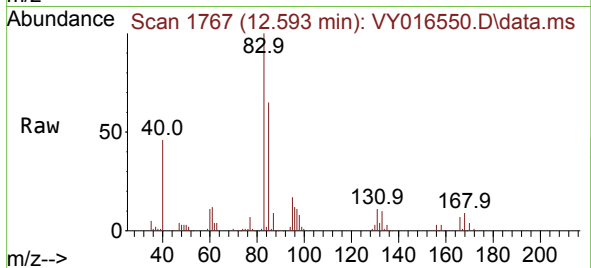
Tgt Ion: 83 Resp: 48892

Ion Ratio Lower Upper

83 100

131 12.1 5.4 16.2

85 64.4 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 79.252 ug/l

RT: 12.648 min Scan# 1776

Delta R.T. -0.006 min

Lab File: VY016550.D

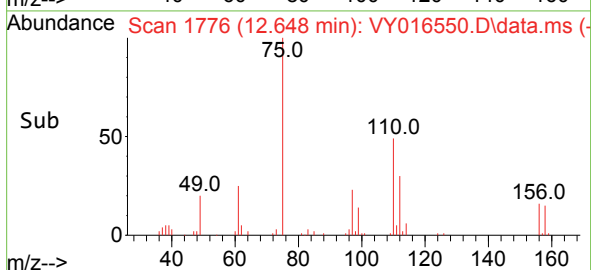
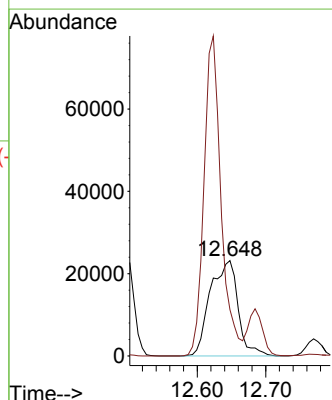
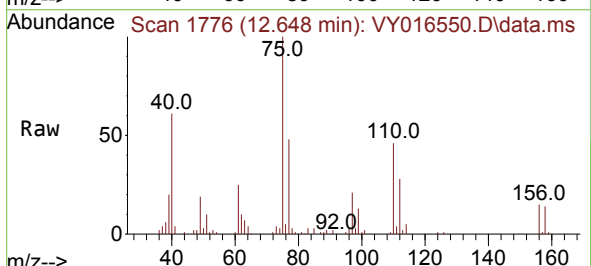
Acq: 30 Nov 2023 16:20

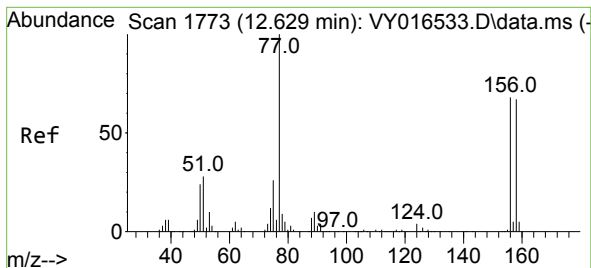
Tgt Ion: 75 Resp: 65302

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.064 ug/l

RT: 12.623 min Scan# 1772

Delta R.T. -0.006 min

Lab File: VY016550.D

Acq: 30 Nov 2023 16:20

Instrument :

MSVOA_Y

ClientSampleId :

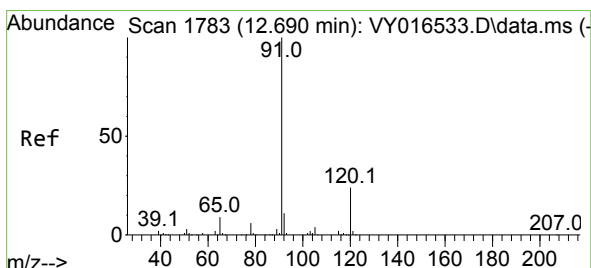
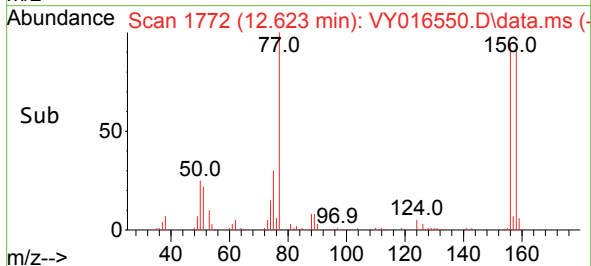
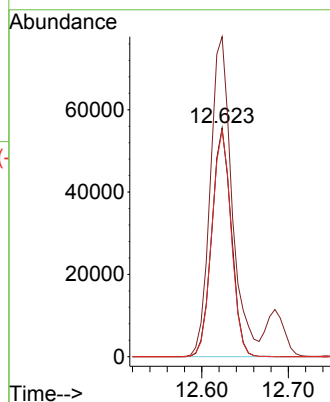
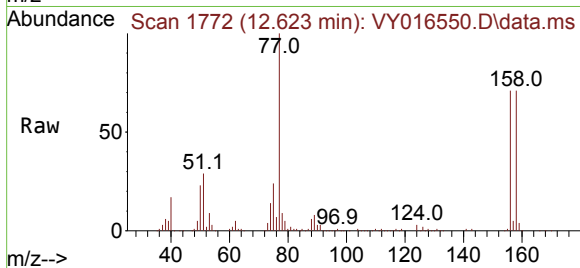
Tgt Ion:156 Resp: 86755

Ion Ratio Lower Upper

156 100

77 156.4 92.8 278.6

158 98.8 48.4 145.3



#78

n-propylbenzene

Concen: 52.906 ug/l

RT: 12.684 min Scan# 1782

Delta R.T. -0.006 min

Lab File: VY016550.D

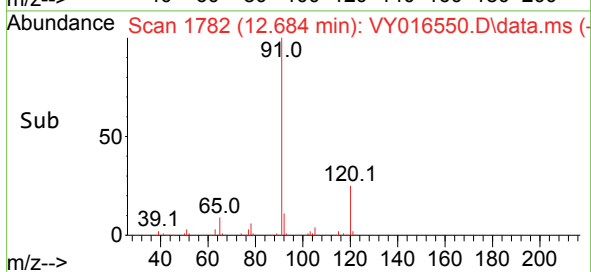
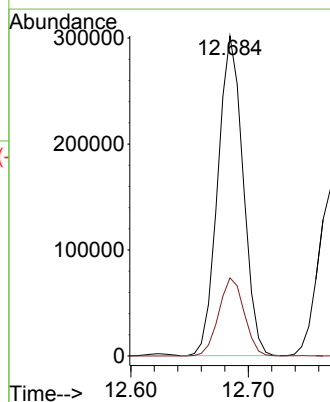
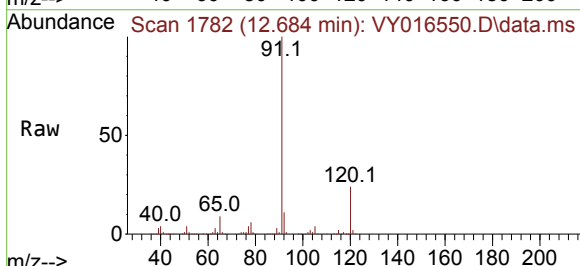
Acq: 30 Nov 2023 16:20

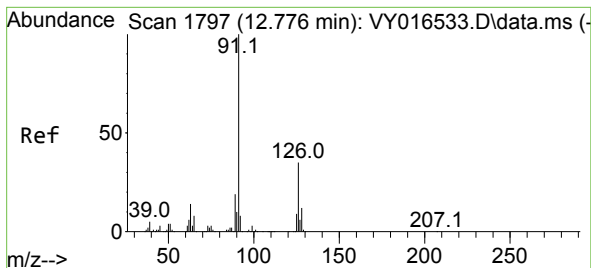
Tgt Ion: 91 Resp: 450458

Ion Ratio Lower Upper

91 100

120 24.6 11.5 34.4





#79

2-Chlorotoluene

Concen: 51.886 ug/l

RT: 12.770 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY016550.D

Acq: 30 Nov 2023 16:20

Instrument :

MSVOA_Y

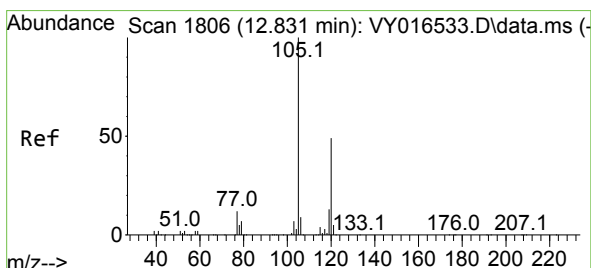
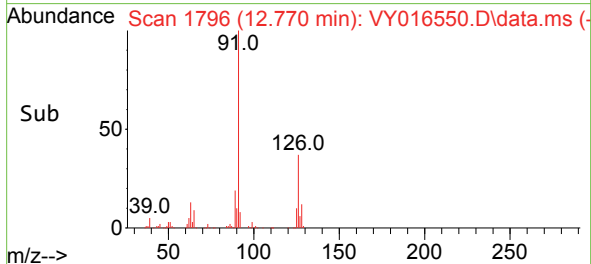
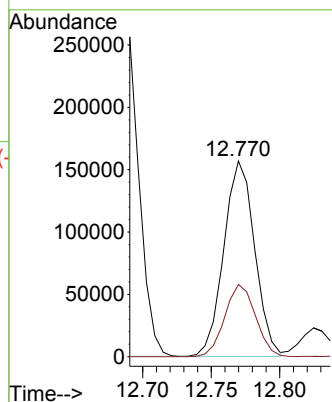
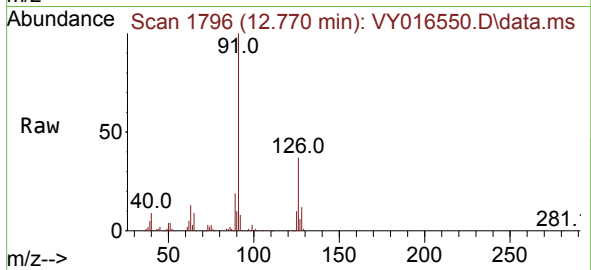
ClientSampleId :

Tgt Ion: 91 Resp: 245712

Ion Ratio Lower Upper

91 100

126 36.8 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 53.080 ug/l

RT: 12.825 min Scan# 1805

Delta R.T. -0.006 min

Lab File: VY016550.D

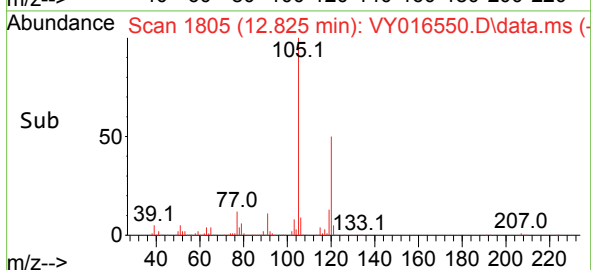
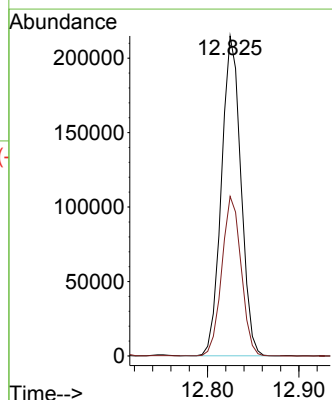
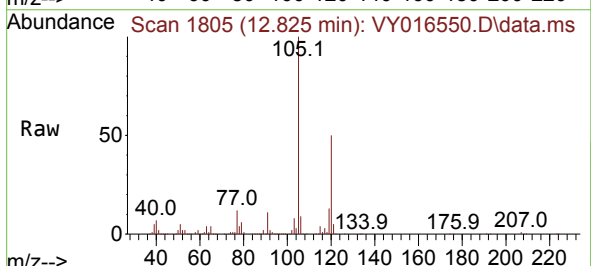
Acq: 30 Nov 2023 16:20

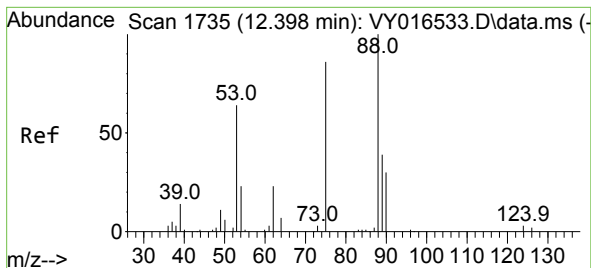
Tgt Ion:105 Resp: 317554

Ion Ratio Lower Upper

105 100

120 49.7 23.9 71.7

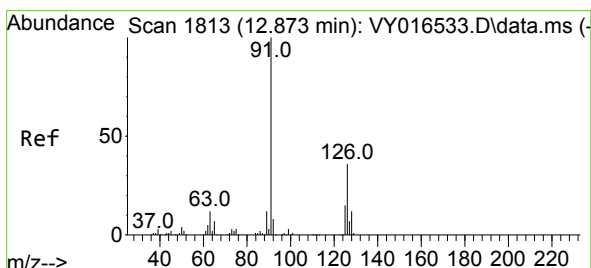
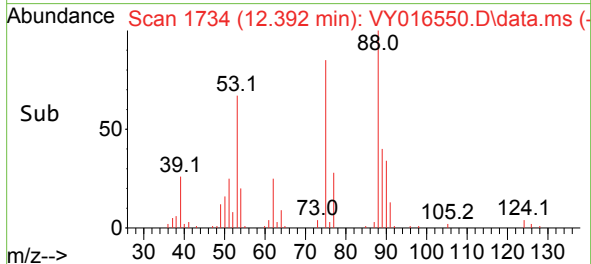
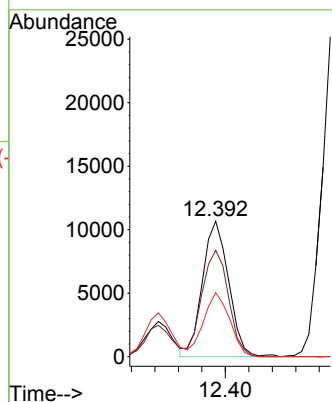
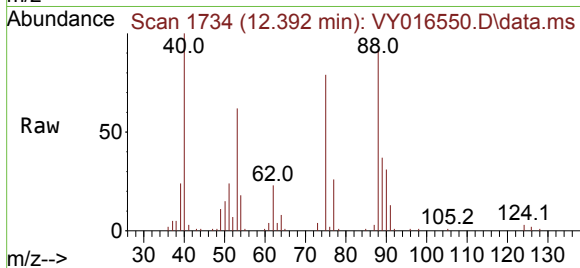




#81
trans-1,4-Dichloro-2-butene
Concen: 43.797 ug/l
RT: 12.392 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016550.D
Acq: 30 Nov 2023 16:20

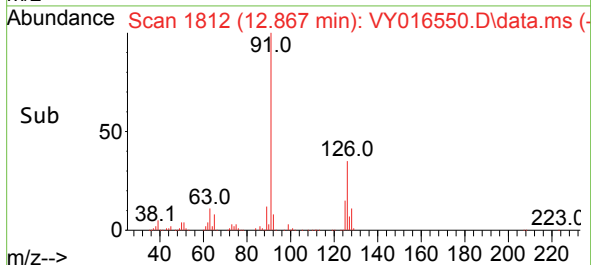
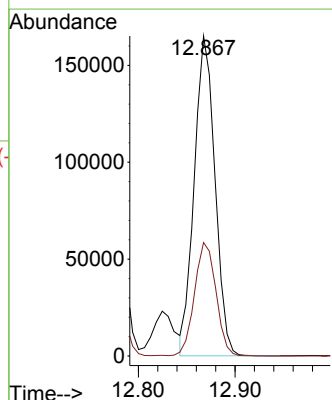
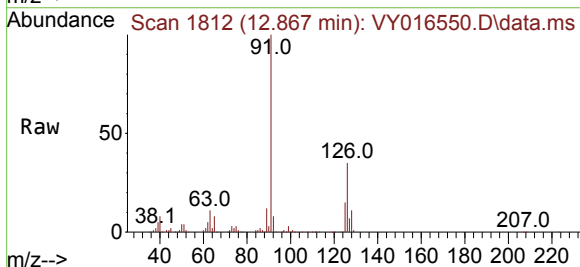
Instrument :
MSVOA_Y
ClientSampleId :

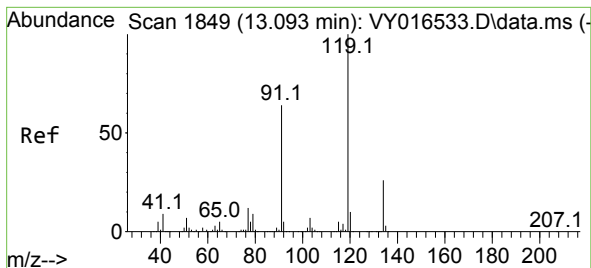
Tgt Ion: 75 Resp: 16547
Ion Ratio Lower Upper
75 100
53 78.8 77.8 116.8
89 46.8 37.4 56.0



#82
4-Chlorotoluene
Concen: 50.554 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. -0.006 min
Lab File: VY016550.D
Acq: 30 Nov 2023 16:20

Tgt Ion: 91 Resp: 245805
Ion Ratio Lower Upper
91 100
126 36.9 17.2 51.6





#83

tert-Butylbenzene

Concen: 54.350 ug/l

RT: 13.087 min Scan# 1848

Delta R.T. -0.006 min

Lab File: VY016550.D

Acq: 30 Nov 2023 16:20

Instrument :

MSVOA_Y

ClientSampleId :

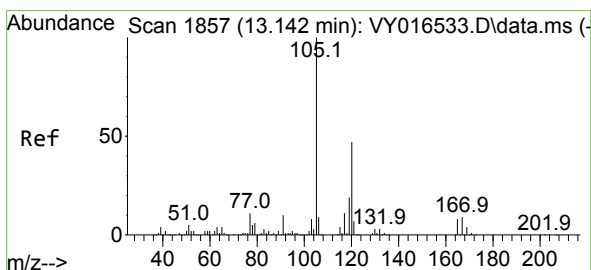
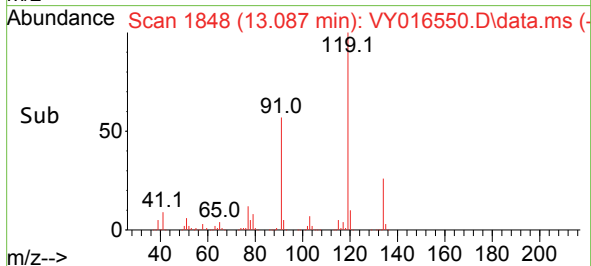
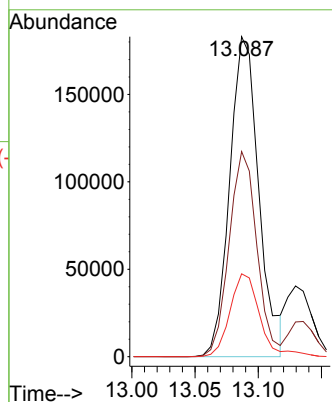
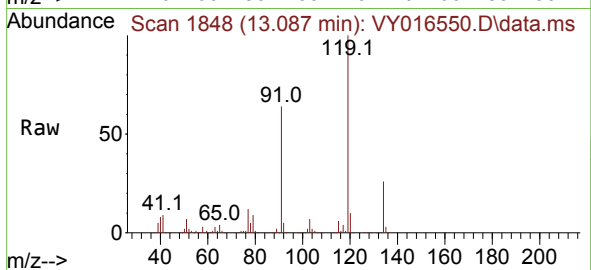
Tgt Ion:119 Resp: 293436

Ion Ratio Lower Upper

119 100

91 61.2 32.9 98.6

134 26.5 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 52.702 ug/l

RT: 13.136 min Scan# 1856

Delta R.T. -0.006 min

Lab File: VY016550.D

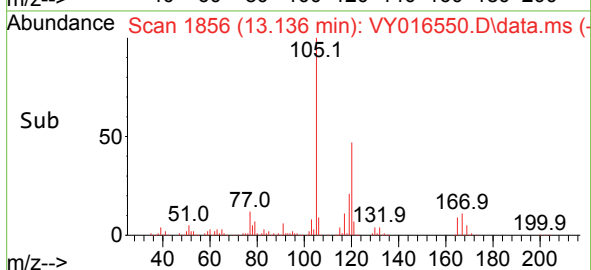
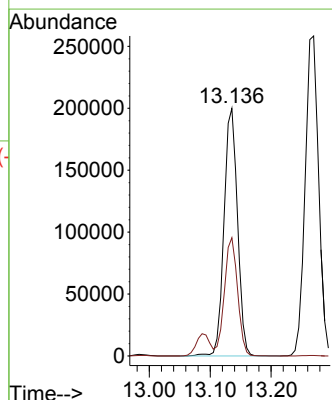
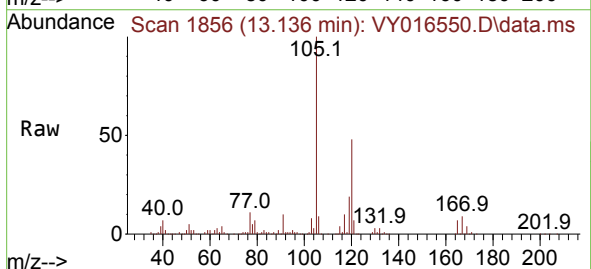
Acq: 30 Nov 2023 16:20

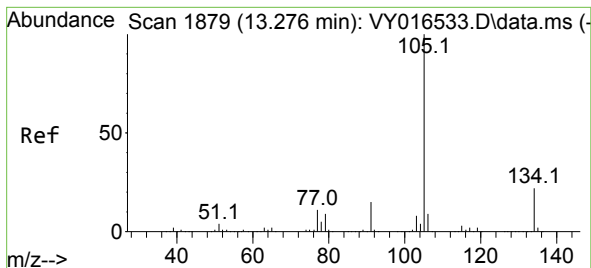
Tgt Ion:105 Resp: 306964

Ion Ratio Lower Upper

105 100

120 46.7 22.2 66.6





#85

sec-Butylbenzene

Concen: 53.173 ug/l

RT: 13.270 min Scan# 1879

Delta R.T. -0.006 min

Lab File: VY016550.D

Acq: 30 Nov 2023 16:20

Instrument :

MSVOA_Y

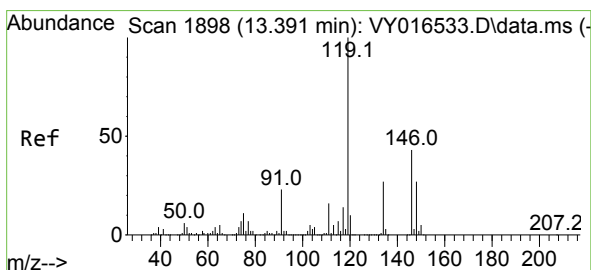
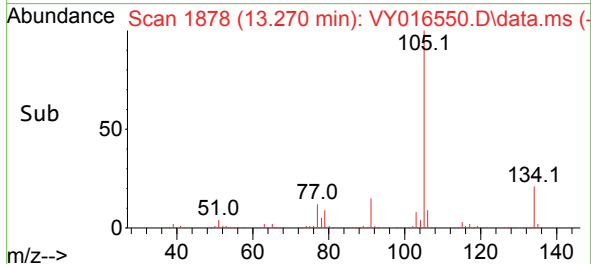
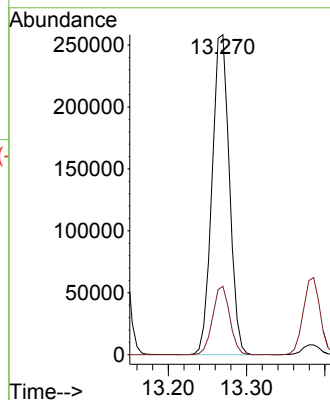
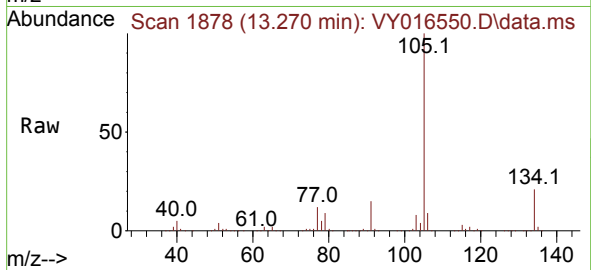
ClientSampleId :

Tgt Ion:105 Resp: 397046

Ion Ratio Lower Upper

105 100

134 21.1 10.2 30.6



#86

p-Isopropyltoluene

Concen: 53.707 ug/l

RT: 13.386 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY016550.D

Acq: 30 Nov 2023 16:20

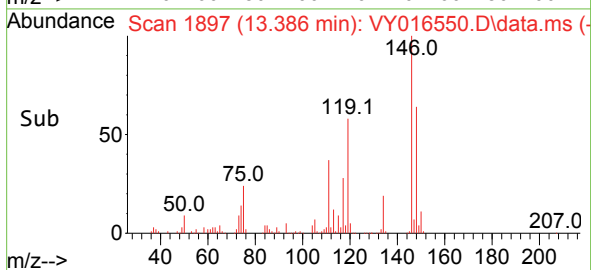
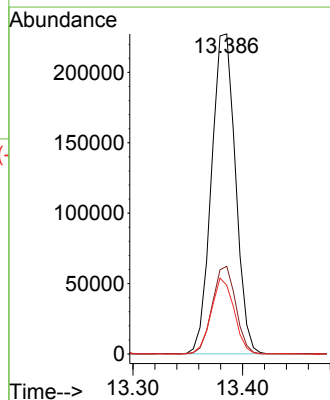
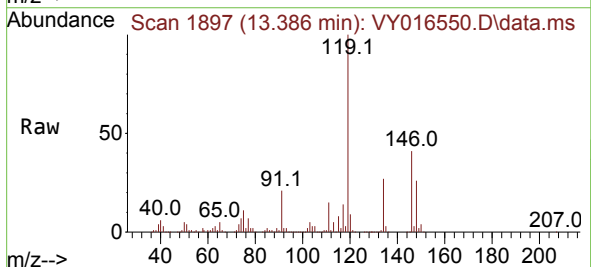
Tgt Ion:119 Resp: 346499

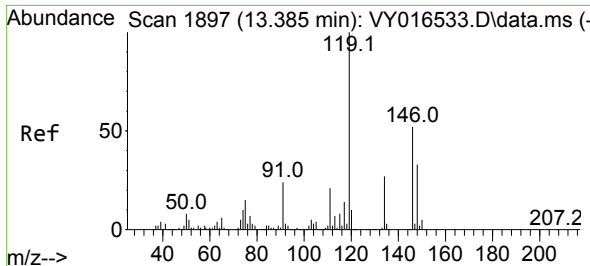
Ion Ratio Lower Upper

119 100

134 26.8 13.3 39.8

91 22.6 12.4 37.4

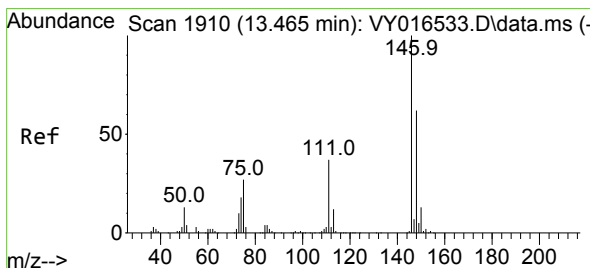
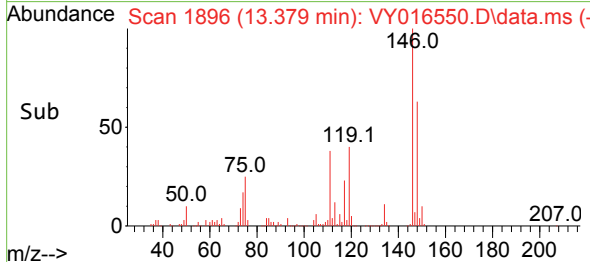
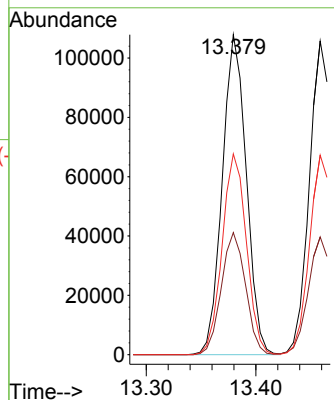
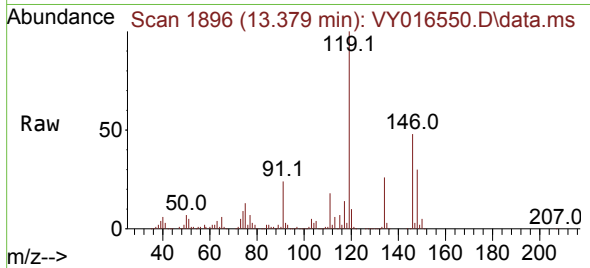




#87
1,3-Dichlorobenzene
Concen: 50.236 ug/l
RT: 13.379 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016550.D
Acq: 30 Nov 2023 16:20

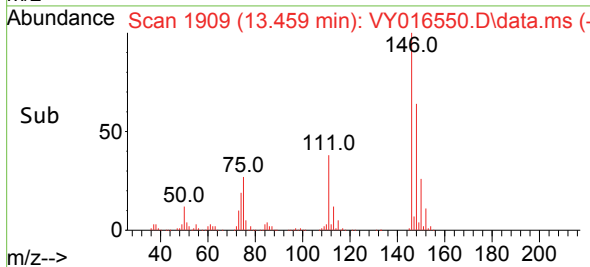
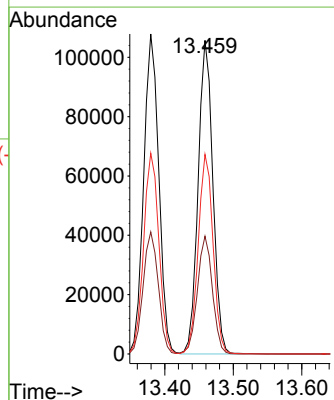
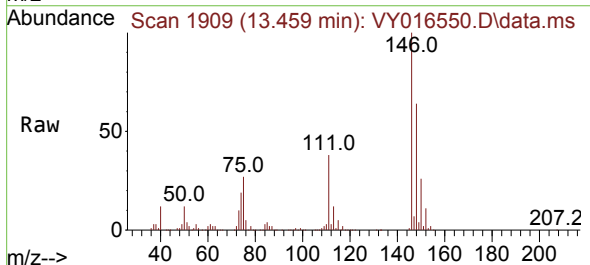
Instrument :
MSVOA_Y
ClientSampleId :

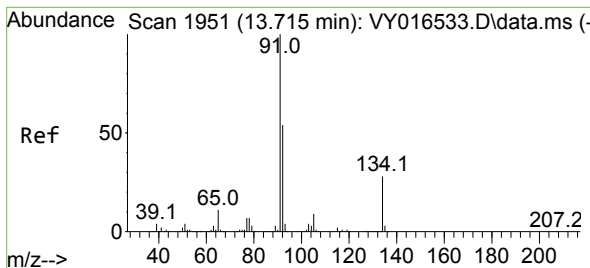
Tgt Ion:146 Resp: 164379
Ion Ratio Lower Upper
146 100
111 38.4 19.4 58.2
148 63.4 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 49.526 ug/l
RT: 13.459 min Scan# 1909
Delta R.T. -0.006 min
Lab File: VY016550.D
Acq: 30 Nov 2023 16:20

Tgt Ion:146 Resp: 158618
Ion Ratio Lower Upper
146 100
111 38.3 18.9 56.7
148 64.1 32.1 96.5





#89

n-Butylbenzene

Concen: 52.527 ug/l

RT: 13.709 min Scan# 1950

Delta R.T. -0.006 min

Lab File: VY016550.D

Acq: 30 Nov 2023 16:20

Instrument :

MSVOA_Y

ClientSampleId :

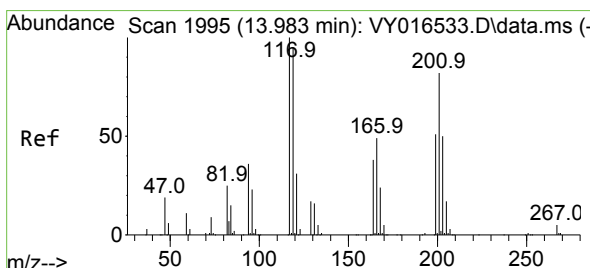
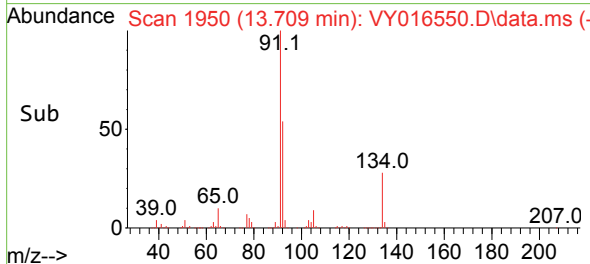
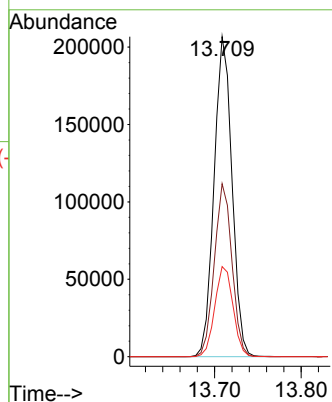
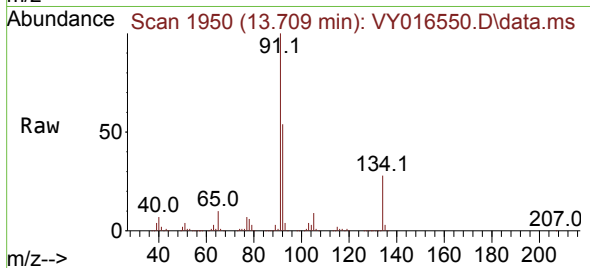
Tgt Ion: 91 Resp: 297041

Ion Ratio Lower Upper

91 100

92 53.1 25.4 76.0

134 28.6 12.6 37.6



#90

Hexachloroethane

Concen: 52.331 ug/l

RT: 13.977 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY016550.D

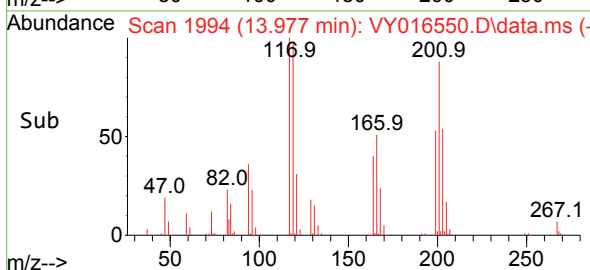
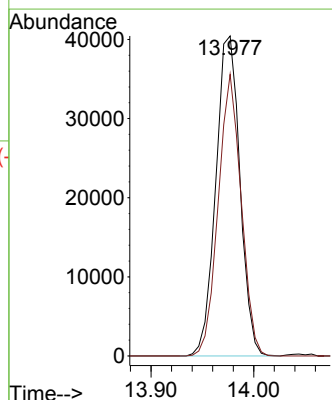
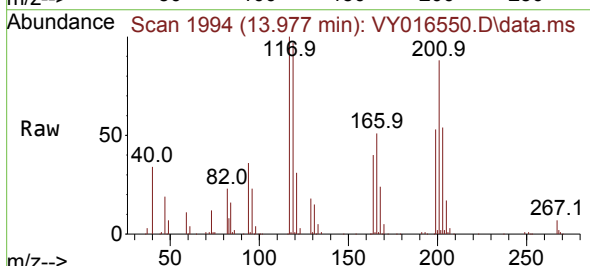
Acq: 30 Nov 2023 16:20

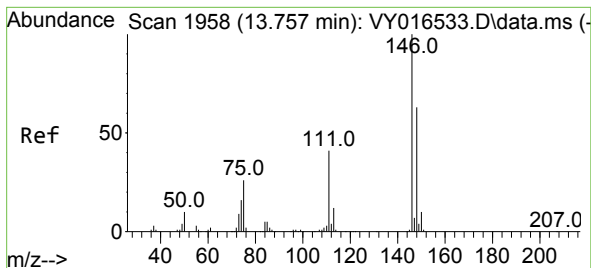
Tgt Ion: 117 Resp: 65874

Ion Ratio Lower Upper

117 100

201 83.5 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 49.047 ug/l

RT: 13.751 min Scan# 1958

Delta R.T. -0.006 min

Lab File: VY016550.D

Acq: 30 Nov 2023 16:20

Instrument :

MSVOA_Y

ClientSampleId :

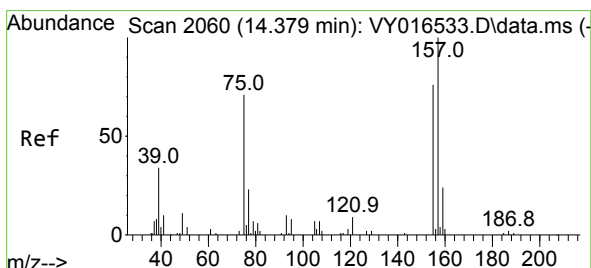
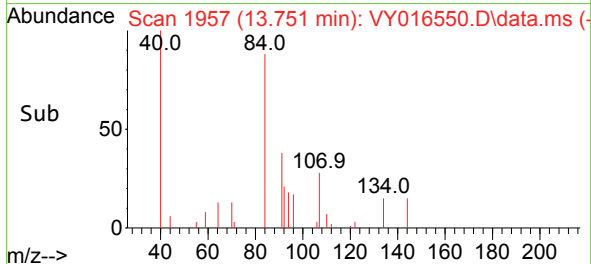
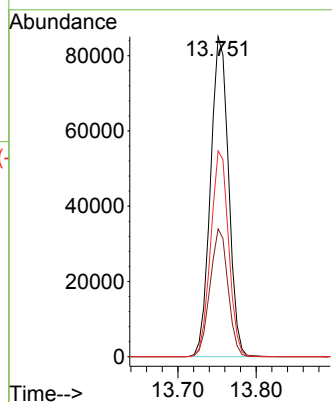
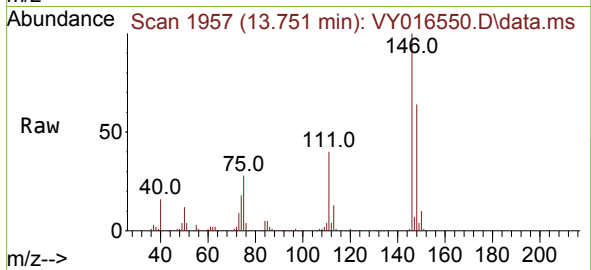
Tgt Ion:146 Resp: 136013

Ion Ratio Lower Upper

146 100

111 39.7 19.7 59.0

148 63.9 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.382 ug/l

RT: 14.373 min Scan# 2059

Delta R.T. -0.006 min

Lab File: VY016550.D

Acq: 30 Nov 2023 16:20

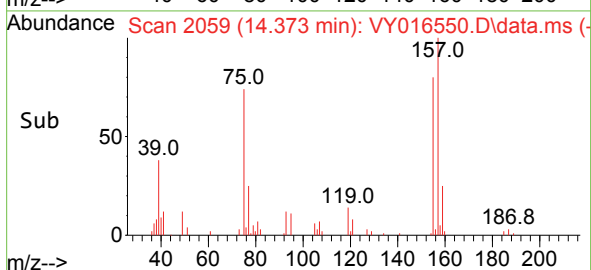
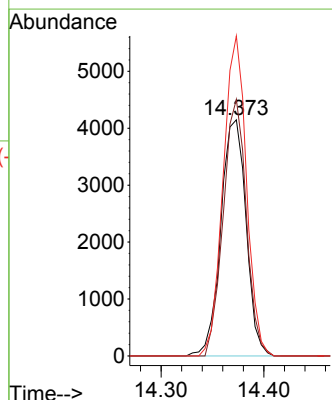
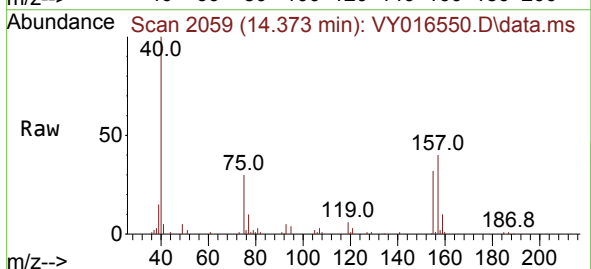
Tgt Ion: 75 Resp: 7053

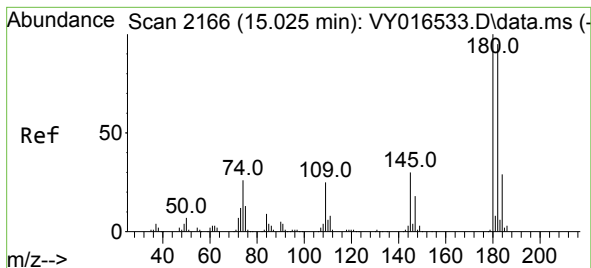
Ion Ratio Lower Upper

75 100

155 99.6 41.5 124.6

157 125.1 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 44.767 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. -0.006 min

Lab File: VY016550.D

Acq: 30 Nov 2023 16:20

Instrument :

MSVOA_Y

ClientSampleId :

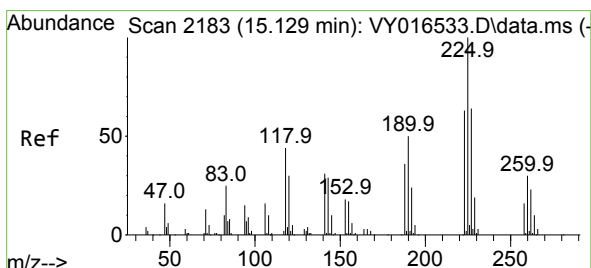
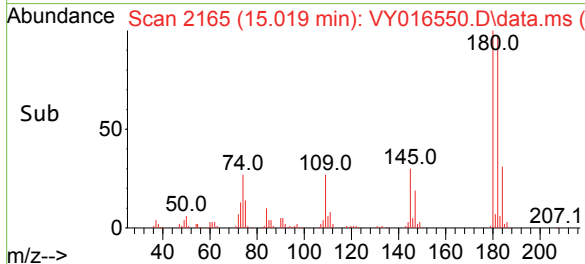
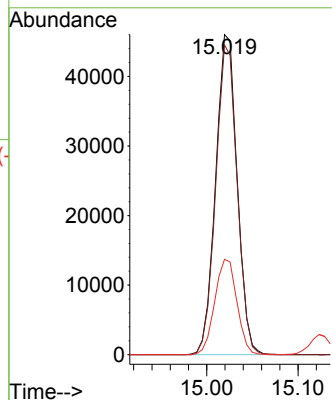
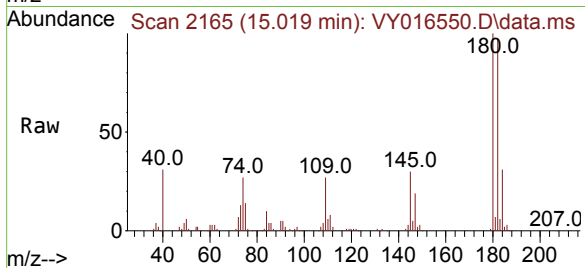
Tgt Ion:180 Resp: 75393

Ion Ratio Lower Upper

180 100

182 96.1 47.0 141.2

145 30.6 14.5 43.5



#94

Hexachlorobutadiene

Concen: 51.503 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. -0.006 min

Lab File: VY016550.D

Acq: 30 Nov 2023 16:20

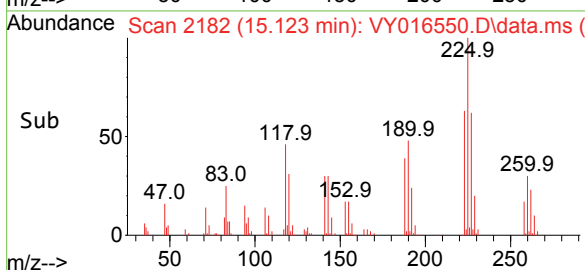
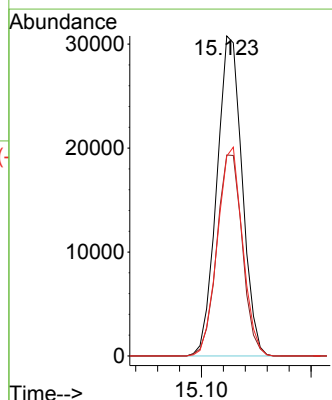
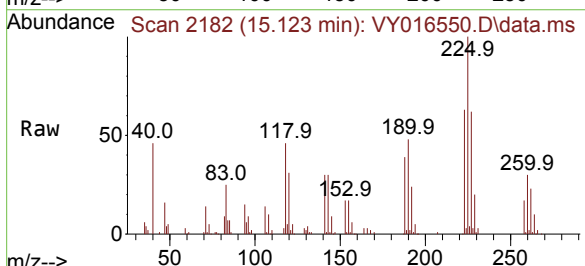
Tgt Ion:225 Resp: 49465

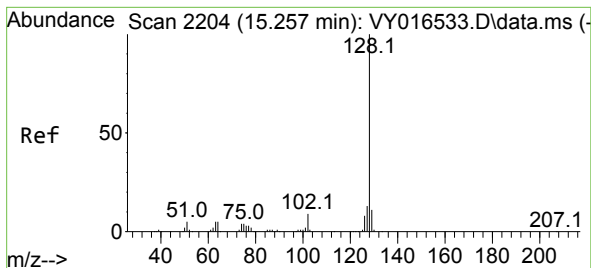
Ion Ratio Lower Upper

225 100

223 63.3 31.9 95.9

227 64.6 33.0 98.9





#95

Naphthalene

Concen: 40.425 ug/l

RT: 15.251 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY016550.D

Acq: 30 Nov 2023 16:20

Instrument :

MSVOA_Y

ClientSampleId :

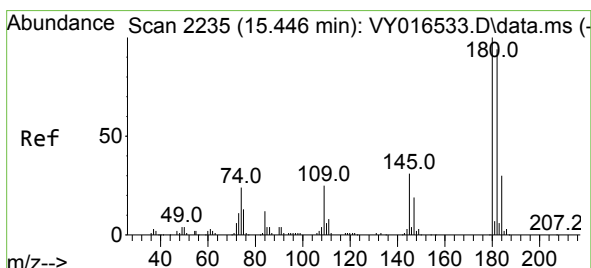
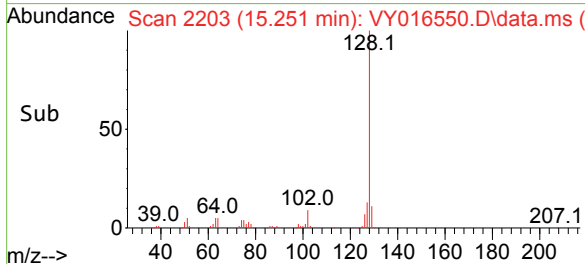
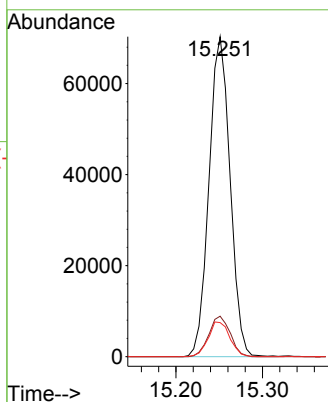
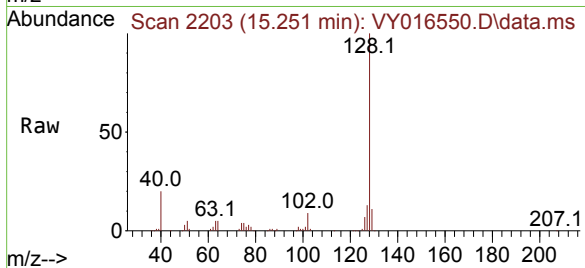
Tgt Ion:128 Resp: 118923

Ion Ratio Lower Upper

128 100

127 12.8 10.8 16.2

129 11.2 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 44.031 ug/l

RT: 15.440 min Scan# 2234

Delta R.T. -0.006 min

Lab File: VY016550.D

Acq: 30 Nov 2023 16:20

Tgt Ion:180 Resp: 60255

Ion Ratio Lower Upper

180 100

182 94.4 47.3 141.8

145 31.8 15.4 46.2

