

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111323\
 Data File : VY016332.D
 Acq On : 13 Nov 2023 18:53
 Operator : SY/MD
 Sample : 05359-01
 Misc : 9.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 14 04:39:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	31618	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	52568	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	45451	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	22240	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	16132	55.825	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.640%	
35) Dibromofluoromethane	7.734	113	14597	48.882	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.760%	
50) Toluene-d8	10.197	98	80149	66.186	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 132.380%	
62) 4-Bromofluorobenzene	12.495	95	28938	73.577	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 147.160%#	

Target Compounds						Qvalue
13) Acrolein	3.948	56	5853	214.437	ug/l #	78
15) Acrylonitrile	5.265	53	10735	159.560	ug/l #	41
16) Acetone	3.960	43	17127	358.304	ug/l #	66
17) Carbon Disulfide	4.210	76	10584	10.979	ug/l	97
20) Methylene Chloride	4.735	84	3427	7.167	ug/l #	6
23) Vinyl Acetate	6.131	43	1376	2.906	ug/l #	74
25) 2-Butanone	7.009	43	7099	84.790	ug/l #	49
26) 2,2-Dichloropropane	6.820	77	2099	3.826	ug/l #	54
28) Bromochloromethane	7.545	49	248	1.112	ug/l #	14
29) Tetrahydrofuran	7.356	42	277	5.005	ug/l #	35
30) Chloroform	7.484	83	21978	35.026	ug/l #	19
31) Cyclohexane	7.801	56	245691	431.837	ug/l #	94
36) 1,1-Dichloropropene	7.807	75	2611	5.035	ug/l #	1
37) Ethyl Acetate	7.009	43	7099	33.884	ug/l #	71
38) Carbon Tetrachloride	7.801	117	3265	6.067	ug/l #	12
39) Methylcyclohexane	9.197	83	559351	865.716	ug/l	95
41) Methacrylonitrile	7.380	41	5168	48.922	ug/l #	46
42) 1,2-Dichloroethane	8.295	62	844	2.236	ug/l #	1
43) Isopropyl Acetate	8.283	43	61610	152.131	ug/l #	55
45) 1,2-Dichloropropane	9.203	63	5924	16.932	ug/l #	1
46) Dibromomethane	9.344	93	221	1.166	ug/l #	1
47) Bromodichloromethane	9.496	83	48686	99.884	ug/l #	27
48) Methyl methacrylate	9.258	41	32946	147.200	ug/l #	43
51) 4-Methyl-2-Pentanone	10.124	43	8662	42.297	ug/l #	69
52) Toluene	10.258	92	4355	4.729	ug/l	99
55) 1,1,2-Trichloroethane	10.636	97	91001	348.239	ug/l #	18
56) Ethyl methacrylate	10.538	69	14735	59.734	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.776	63	1116	6.672	ug/l #	48
59) 2-Hexanone	10.813	43	47672	312.960	ug/l #	34
61) 1,2-Dibromoethane	11.081	107	1397	5.611	ug/l #	1
67) Ethyl Benzene	11.605	91	175094	100.330	ug/l	100
68) m/p-Xylenes	11.715	106	33096	49.999	ug/l	97
69) o-Xylene	12.044	106	18834	30.646	ug/l	99
70) Styrene	12.044	104	1196	1.359	ug/l #	1
73) Isopropylbenzene	12.343	105	123979	68.841	ug/l	99
74) N-amyl acetate	12.136	43	26970	74.555	ug/l #	56

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

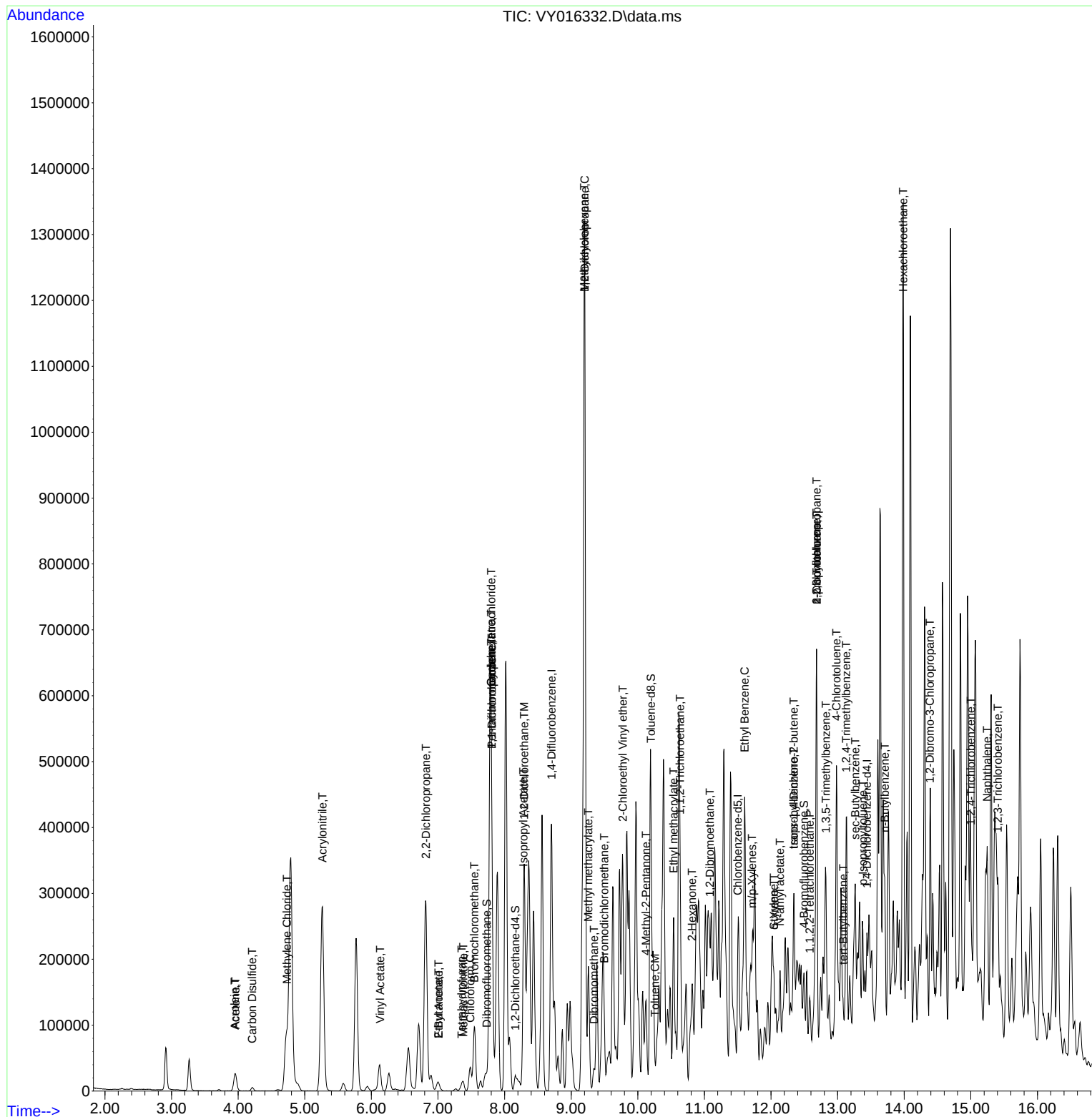
75) 1,1,2,2-Tetrachloroethane	12.581	83	2314	8.007	ug/l	#	1
76) 1,2,3-Trichloropropane	12.684	75	2900	13.593	ug/l	#	100
78) n-propylbenzene	12.684	91	445585	209.358	ug/l		99
79) 2-Chlorotoluene	12.684	91	445585	379.892	ug/l	#	40
80) 1,3,5-Trimethylbenzene	12.825	105	50041	34.463	ug/l		95
81) trans-1,4-Dichloro-2-b...	12.343	75	1488	15.139	ug/l	#	1
82) 4-Chlorotoluene	12.983	91	30520	25.182	ug/l	#	46
83) tert-Butylbenzene	13.087	119	3093	2.418	ug/l	#	26
84) 1,2,4-Trimethylbenzene	13.129	105	182350	127.541	ug/l		97
85) sec-Butylbenzene	13.264	105	119613	65.464	ug/l	#	73
86) p-Isopropyltoluene	13.379	119	23775	15.111	ug/l		95
89) n-Butylbenzene	13.709	91	141905	97.666	ug/l	#	78
90) Hexachloroethane	13.983	117	55951	184.355	ug/l	#	8
92) 1,2-Dibromo-3-Chloropr...	14.385	75	962	20.923	ug/l	#	8
93) 1,2,4-Trichlorobenzene	15.001	180	450	1.149	ug/l	#	1
95) Naphthalene	15.245	128	182853	261.021	ug/l		99
96) 1,2,3-Trichlorobenzene	15.403	180	829	2.559	ug/l	#	1

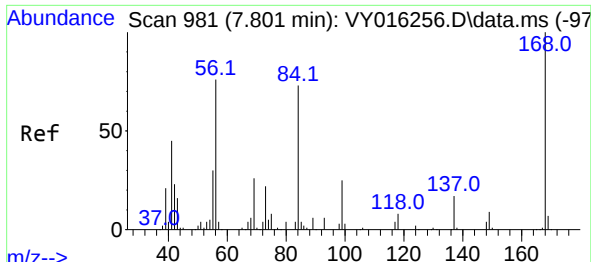
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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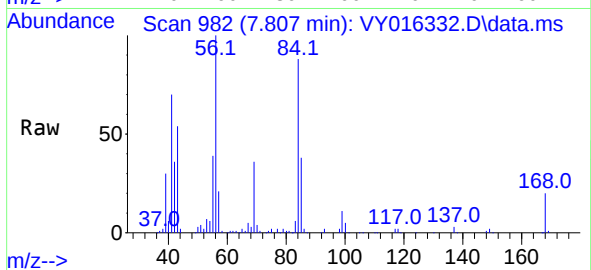
Quant Time: Nov 14 04:39:26 2023
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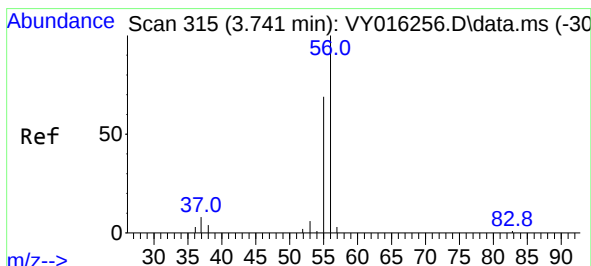
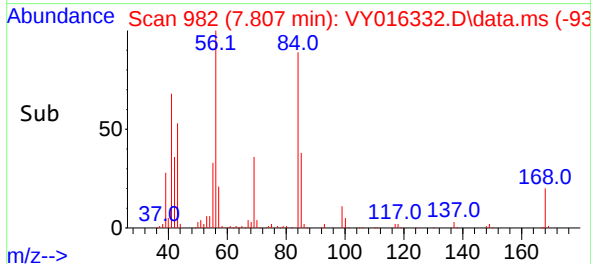
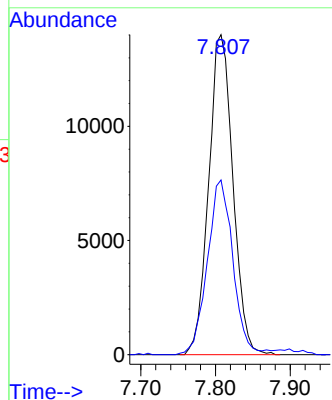


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016332.D
Acq: 13 Nov 2023 18:53

Instrument :
MSVOA_Y
ClientSampleId :

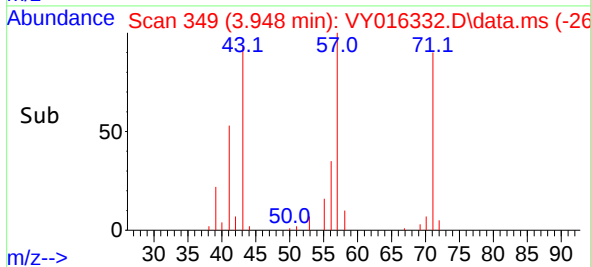
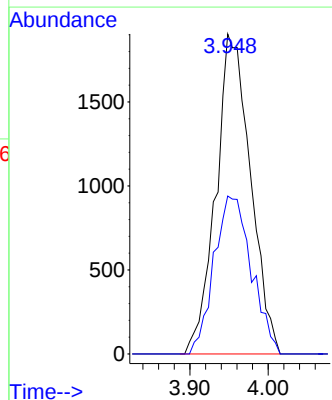
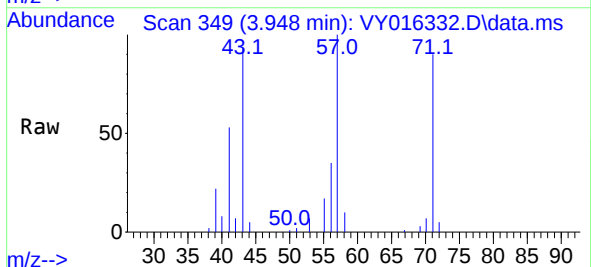


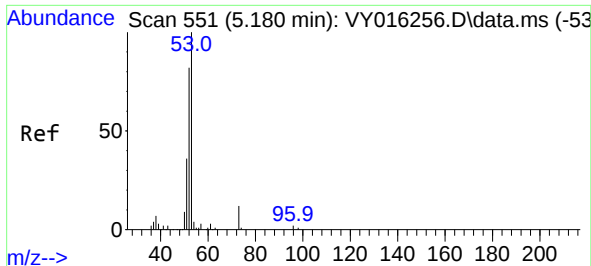
Tgt Ion:168 Resp: 31618
Ion Ratio Lower Upper
168 100
99 54.1 43.4 65.0



#13
Acrolein
Concen: 214.437 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.207 min
Lab File: VY016332.D
Acq: 13 Nov 2023 18:53

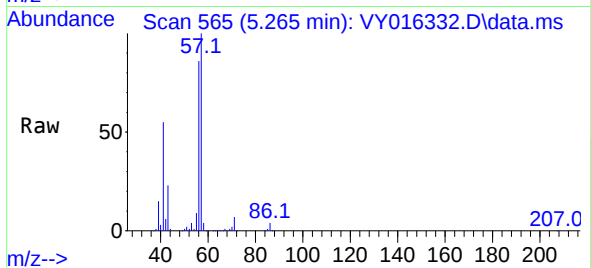
Tgt Ion: 56 Resp: 5853
Ion Ratio Lower Upper
56 100
55 53.2 57.0 85.4#



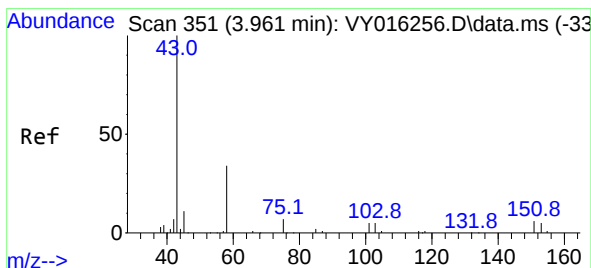
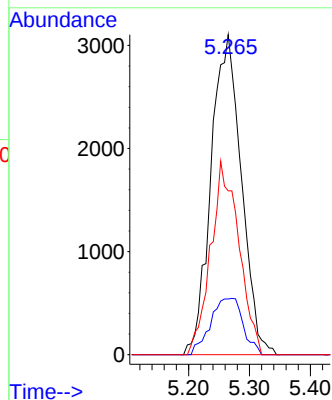
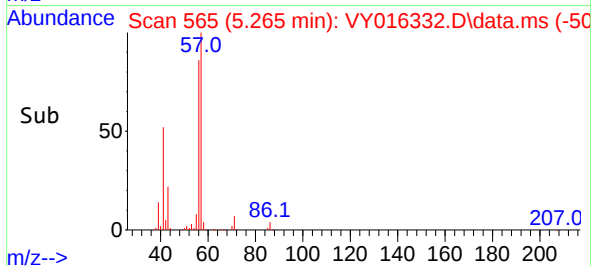


#15
Acrylonitrile
Concen: 159.560 ug/l
RT: 5.265 min Scan# 51
Delta R.T. 0.085 min
Lab File: VY016332.D
Acq: 13 Nov 2023 18:53

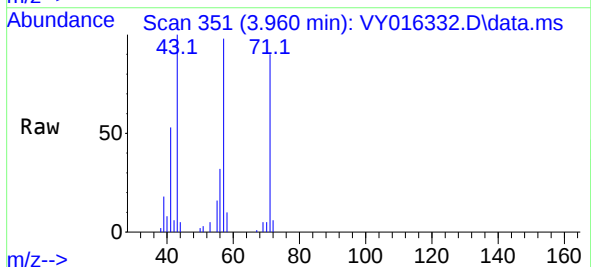
Instrument :
MSVOA_Y
ClientSampleId :



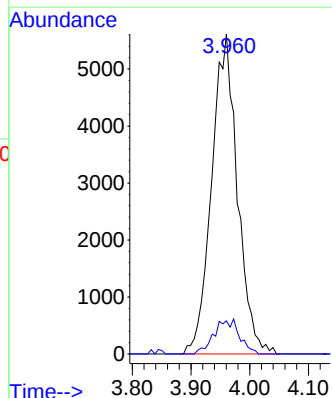
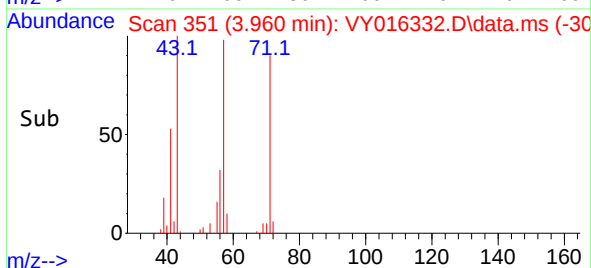
Tgt Ion: 53 Resp: 10735
Ion Ratio Lower Upper
53 100
52 18.8 66.9 100.3#
51 56.1 29.8 44.6#

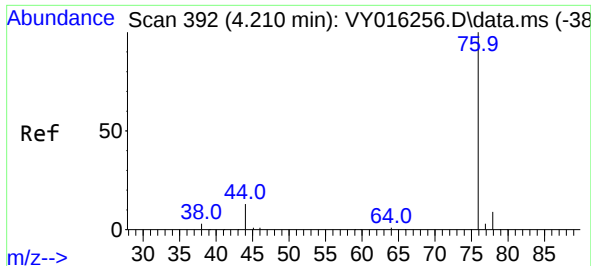


#16
Acetone
Concen: 358.304 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY016332.D
Acq: 13 Nov 2023 18:53



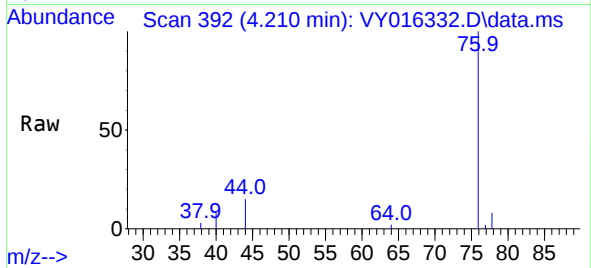
Tgt Ion: 43 Resp: 17127
Ion Ratio Lower Upper
43 100
58 10.3 22.7 34.1#



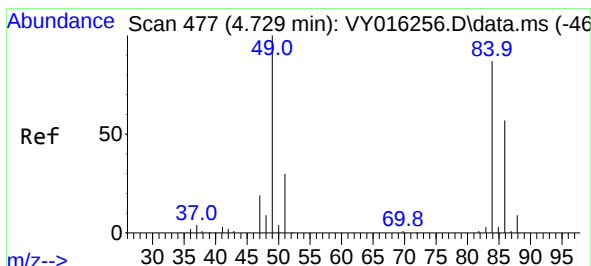
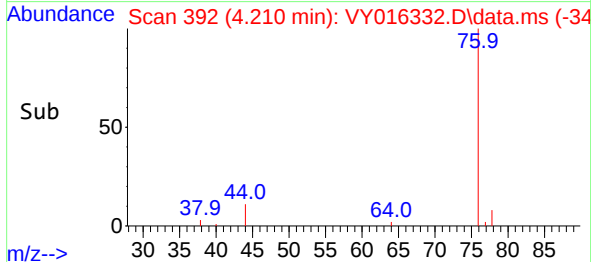
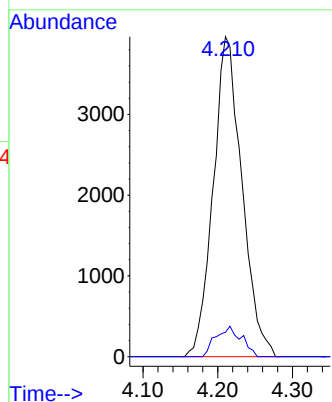


#17
Carbon Disulfide
Concen: 10.979 ug/l
RT: 4.210 min Scan# 392
Delta R.T. -0.000 min
Lab File: VY016332.D
Acq: 13 Nov 2023 18:53

Instrument :
MSVOA_Y
ClientSampleId :

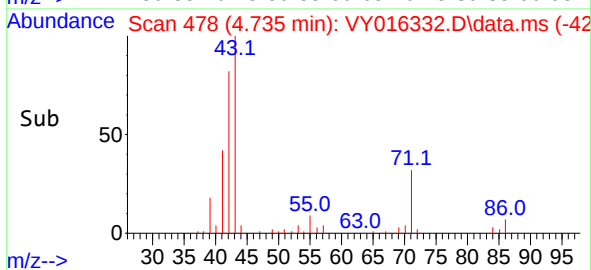
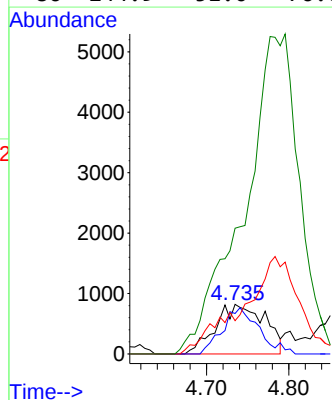
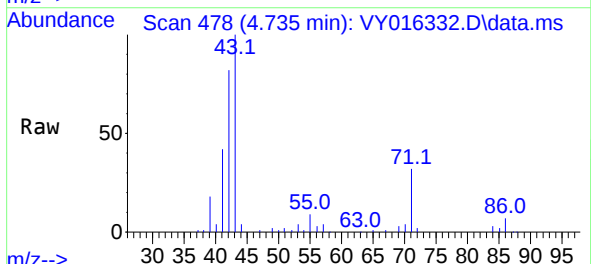


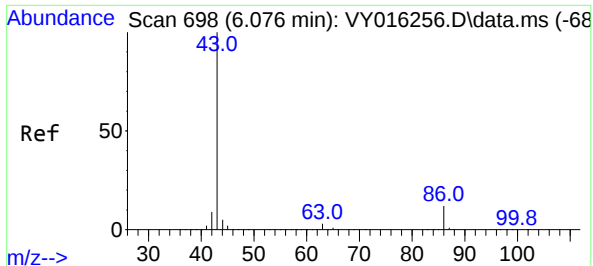
Tgt Ion: 76 Resp: 10584
Ion Ratio Lower Upper
76 100
78 7.6 7.0 10.4



#20
Methylene Chloride
Concen: 7.167 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.006 min
Lab File: VY016332.D
Acq: 13 Nov 2023 18:53

Tgt Ion: 84 Resp: 3427
Ion Ratio Lower Upper
84 100
49 81.6 106.9 160.3#
51 67.3 33.2 49.8#
86 244.9 51.0 76.6#

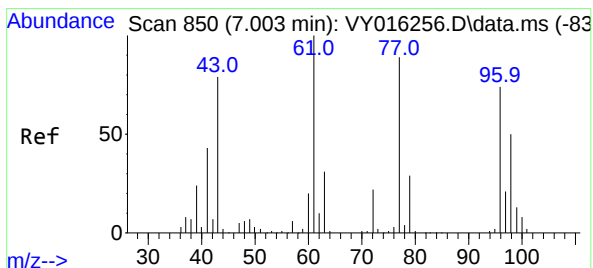
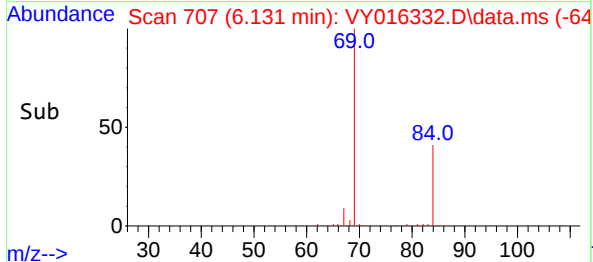
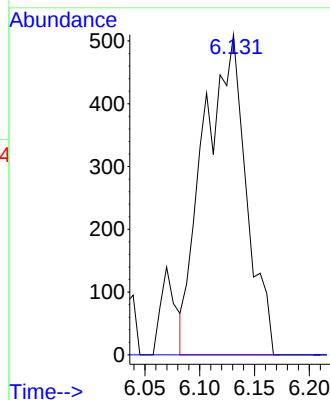
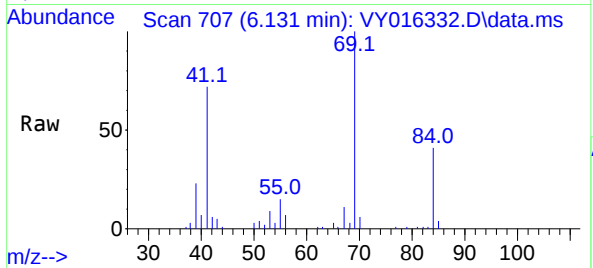




#23
 Vinyl Acetate
 Concen: 2.906 ug/l
 RT: 6.131 min Scan# 701
 Delta R.T. 0.055 min
 Lab File: VY016332.D
 Acq: 13 Nov 2023 18:53

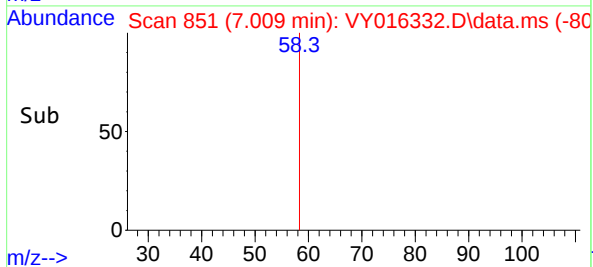
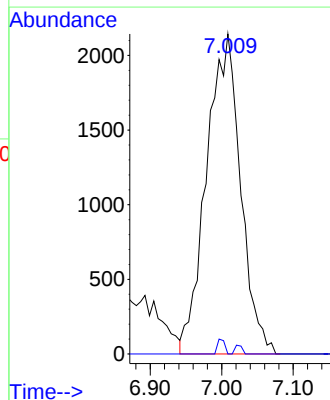
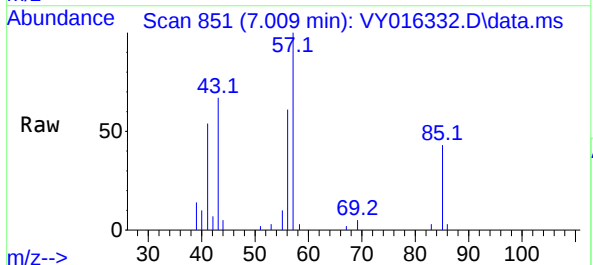
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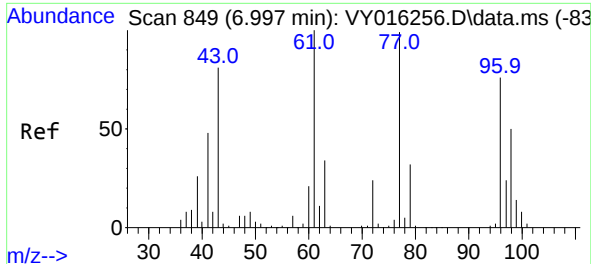
Tgt Ion: 43 Resp: 1376
 Ion Ratio Lower Upper
 43 100
 86 0.0 7.5 11.3#



#25
 2-Butanone
 Concen: 84.790 ug/l
 RT: 7.009 min Scan# 851
 Delta R.T. 0.006 min
 Lab File: VY016332.D
 Acq: 13 Nov 2023 18:53

Tgt Ion: 43 Resp: 7099
 Ion Ratio Lower Upper
 43 100
 72 0.0 20.5 30.7#

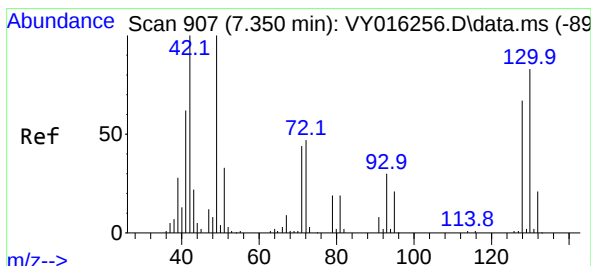
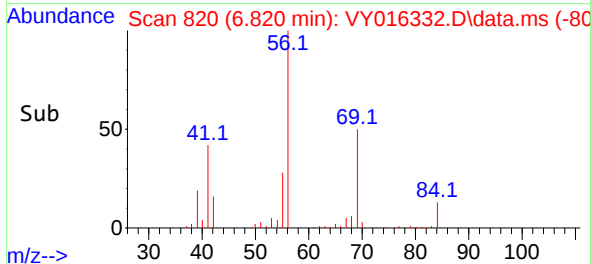
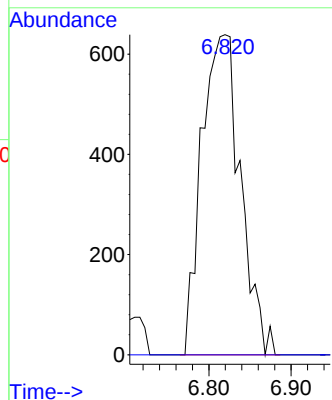
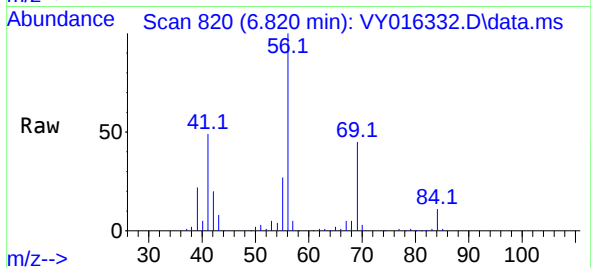




#26
2,2-Dichloropropane
Concen: 3.826 ug/l
RT: 6.820 min Scan# 81
Delta R.T. -0.177 min
Lab File: VY016332.D
Acq: 13 Nov 2023 18:53

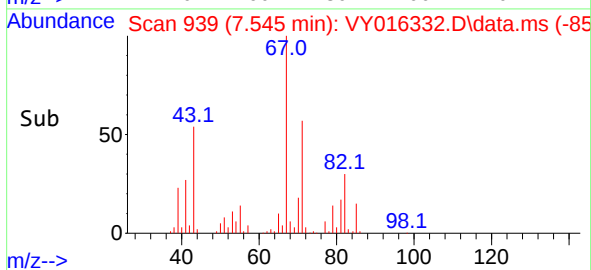
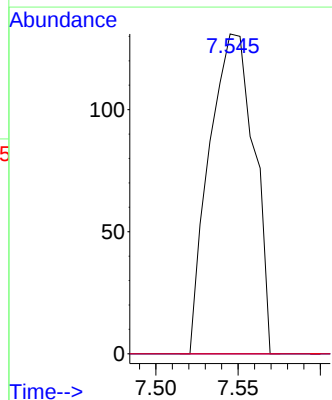
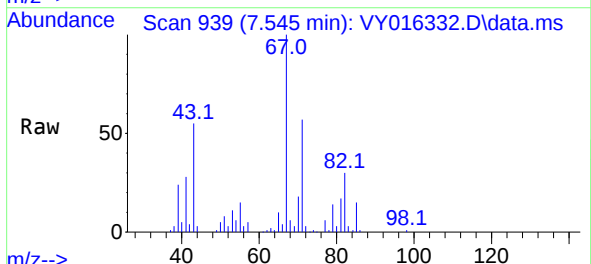
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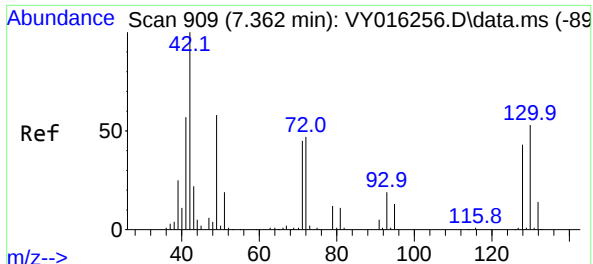
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Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#



#28
Bromochloromethane
Concen: 1.112 ug/l
RT: 7.545 min Scan# 939
Delta R.T. 0.195 min
Lab File: VY016332.D
Acq: 13 Nov 2023 18:53

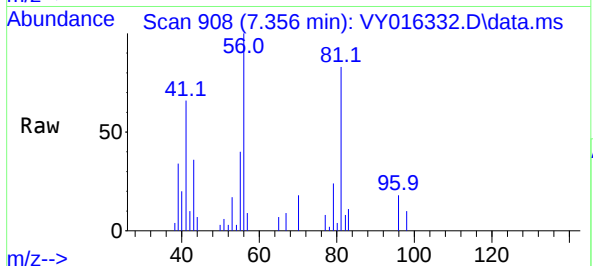
Tgt Ion: 49 Resp: 248
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.6
130 0.0 60.7 91.1#





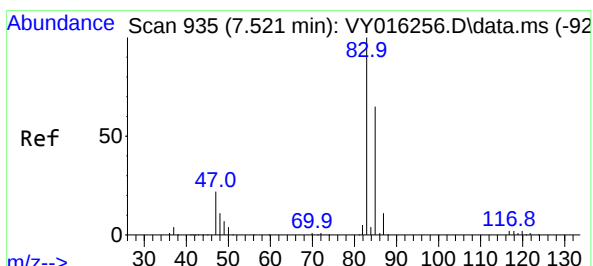
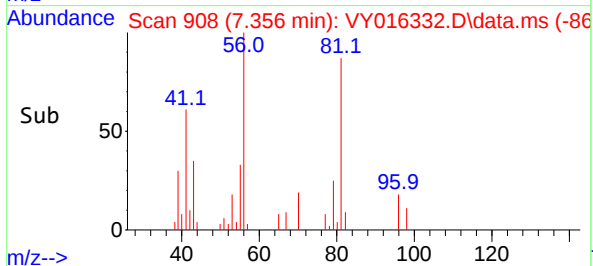
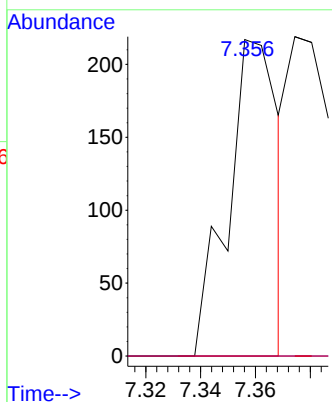
#29
Tetrahydrofuran
Concen: 5.005 ug/l
RT: 7.356 min Scan# 909
Delta R.T. -0.006 min
Lab File: VY016332.D
Acq: 13 Nov 2023 18:53

Instrument :
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ClientSampleId :



Tgt Ion: 42 Resp: 277

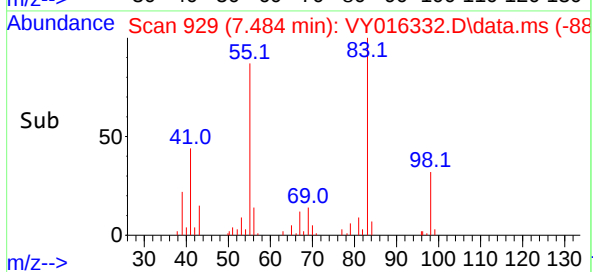
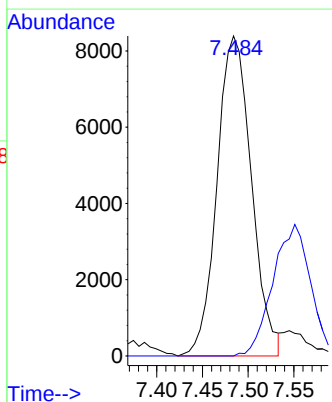
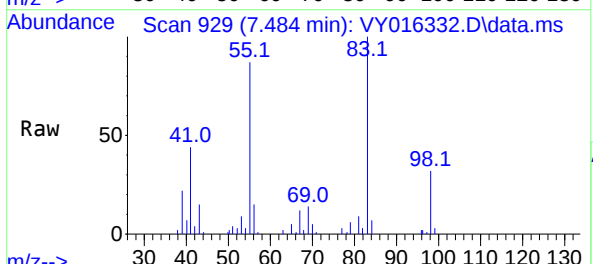
Ion	Ratio	Lower	Upper
42	100		
72	0.0	32.8	49.2#
71	0.0	31.0	46.4#

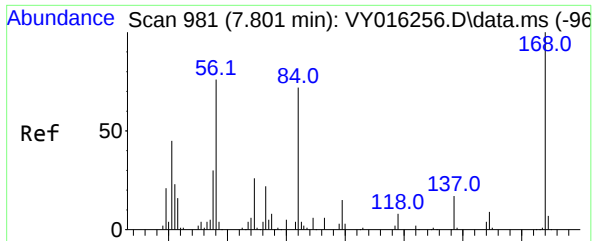


#30
Chloroform
Concen: 35.026 ug/l
RT: 7.484 min Scan# 929
Delta R.T. -0.037 min
Lab File: VY016332.D
Acq: 13 Nov 2023 18:53

Tgt Ion: 83 Resp: 21978

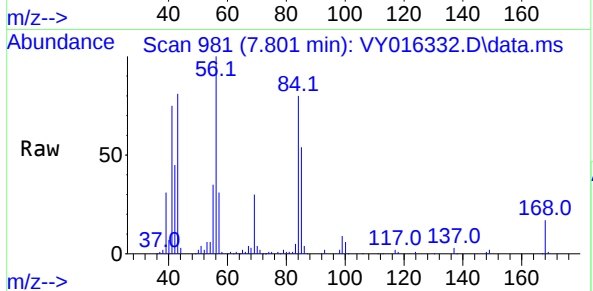
Ion	Ratio	Lower	Upper
83	100		
85	0.0	49.7	74.5#



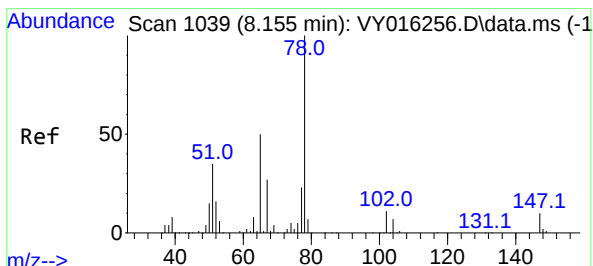
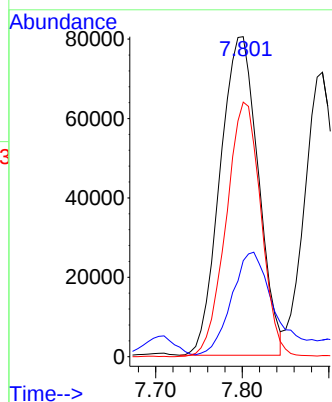
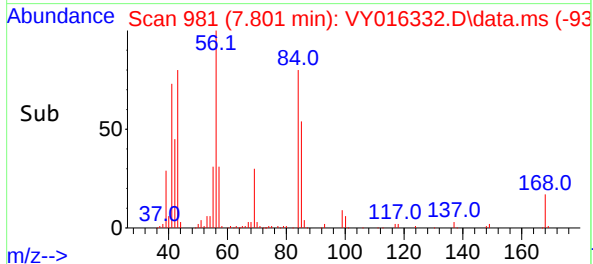


#31
Cyclohexane
Concen: 431.837 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016332.D
Acq: 13 Nov 2023 18:53

Instrument :
MSVOA_Y
ClientSampleId :

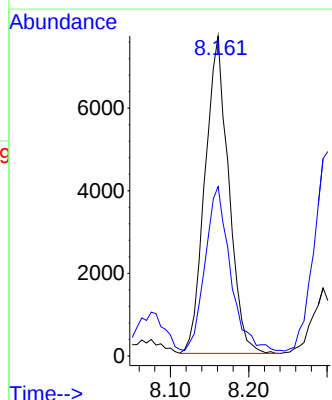
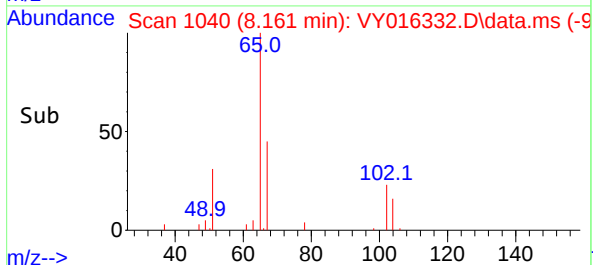
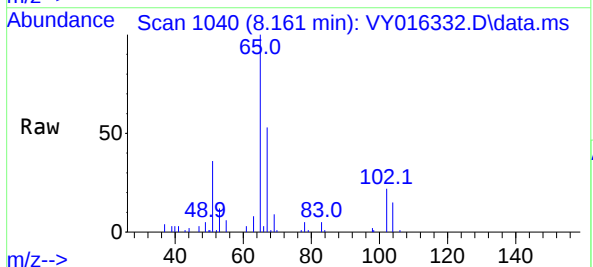


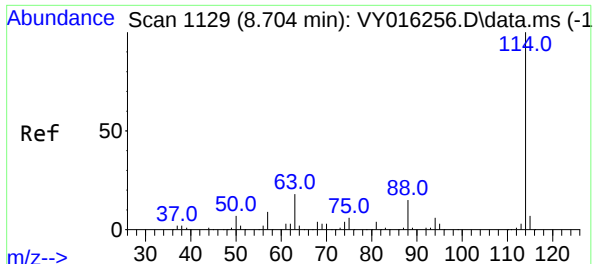
Tgt Ion: 56 Resp: 245691
Ion Ratio Lower Upper
56 100
69 27.2 27.8 41.6#
84 79.8 66.4 99.6



#33
1,2-Dichloroethane-d4
Concen: 55.825 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY016332.D
Acq: 13 Nov 2023 18:53

Tgt Ion: 65 Resp: 16132
Ion Ratio Lower Upper
65 100
67 54.8 0.0 101.8

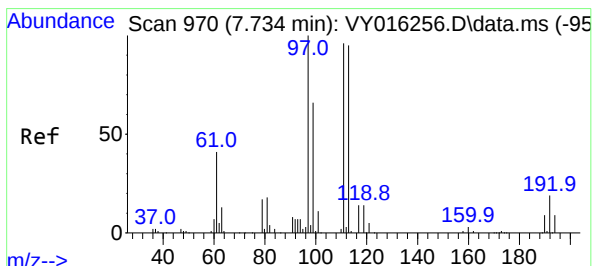
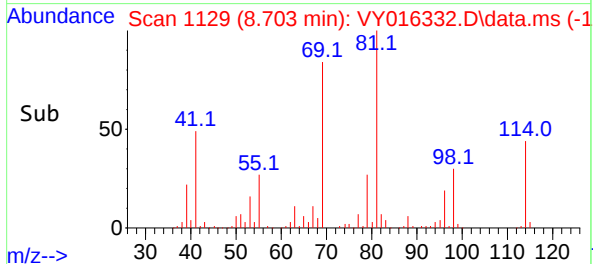
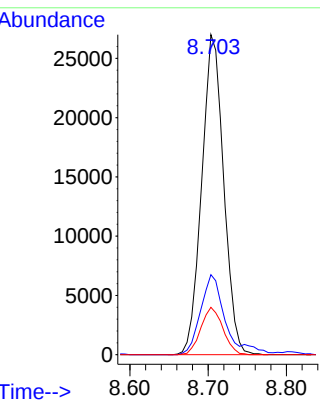
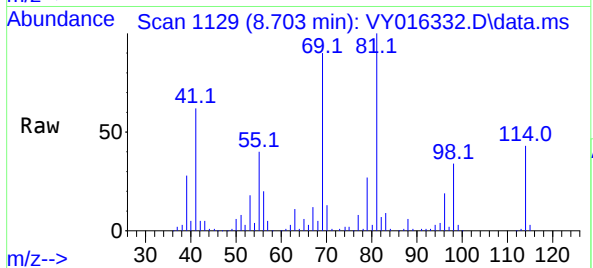




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.703 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VY016332.D
Acq: 13 Nov 2023 18:53

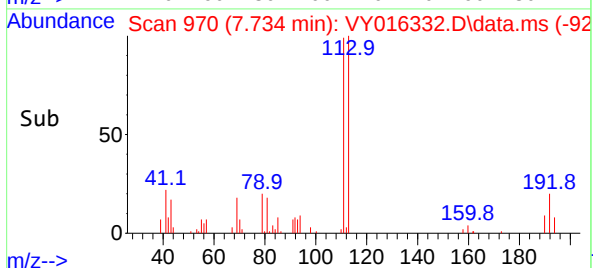
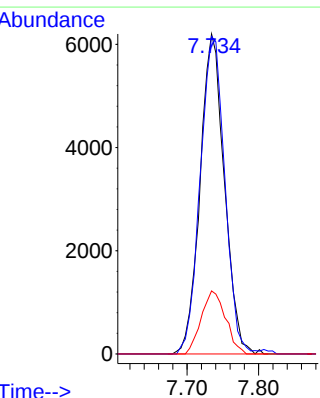
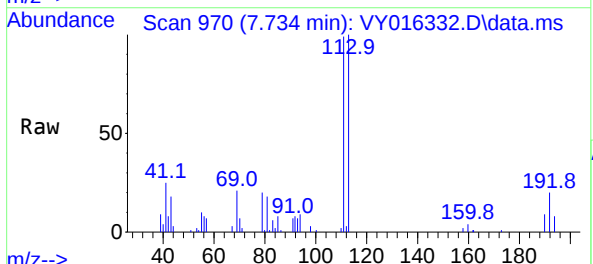
Instrument :
MSVOA_Y
ClientSampleId :

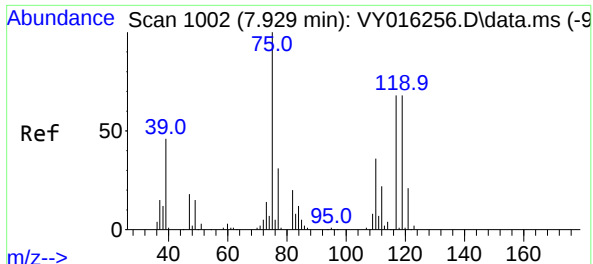
Tgt Ion:114	Resp:	52568
Ion Ratio	Lower	Upper
114	100	
63	25.0	0.0 42.4
88	14.8	0.0 30.6



#35
Dibromofluoromethane
Concen: 48.882 ug/l
RT: 7.734 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY016332.D
Acq: 13 Nov 2023 18:53

Tgt Ion:113	Resp:	14597
Ion Ratio	Lower	Upper
113	100	
111	100.6	81.3 121.9
192	19.8	16.9 25.3

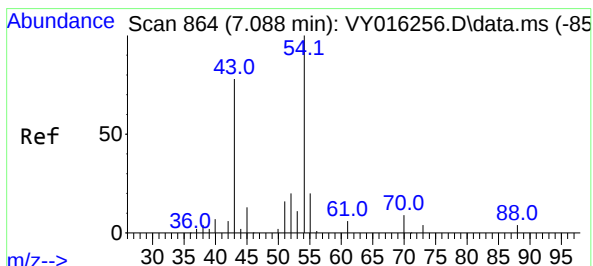
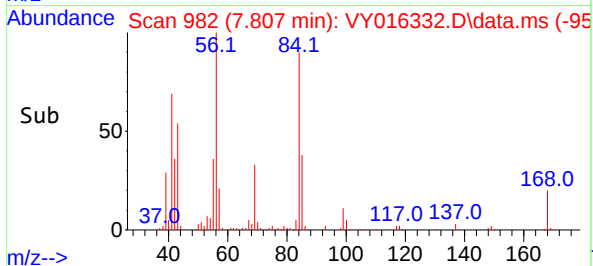
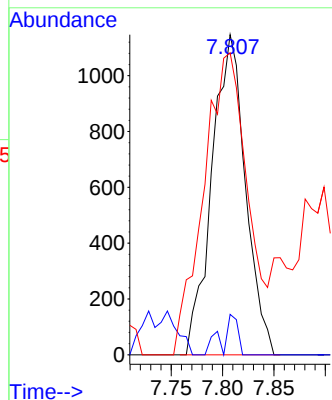
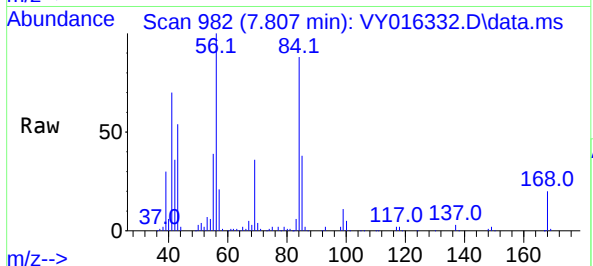




#36
1,1-Dichloropropene
Concen: 5.035 ug/l
RT: 7.807 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY016332.D
Acq: 13 Nov 2023 18:53

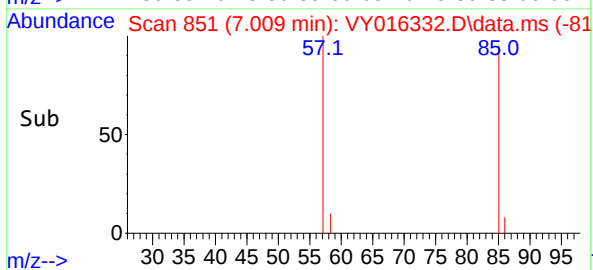
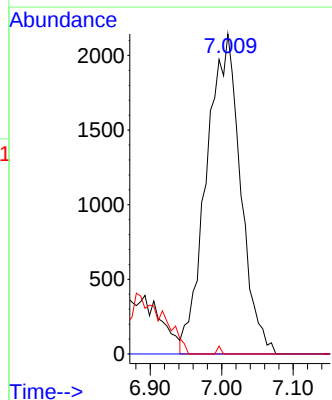
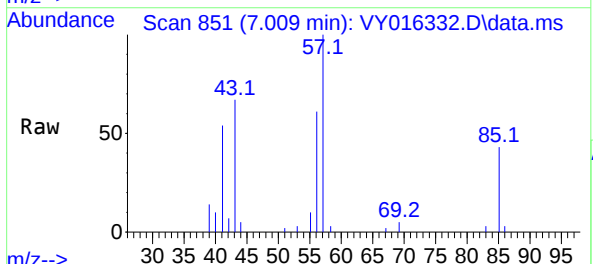
Instrument :
MSVOA_Y
ClientSampleId :

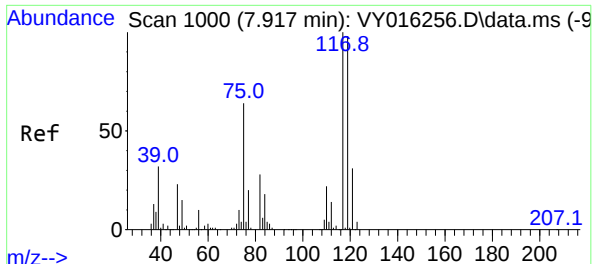
Tgt Ion: 75 Resp: 2611
Ion Ratio Lower Upper
75 100
110 5.9 17.8 53.5#
77 123.9 24.4 36.6#



#37
Ethyl Acetate
Concen: 33.884 ug/l
RT: 7.009 min Scan# 851
Delta R.T. -0.079 min
Lab File: VY016332.D
Acq: 13 Nov 2023 18:53

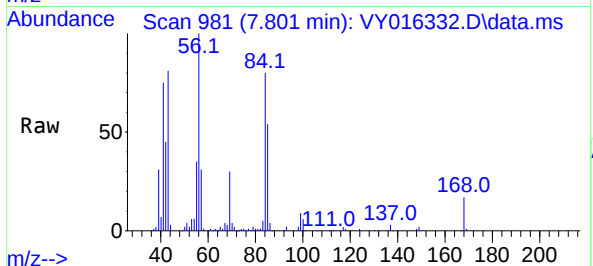
Tgt Ion: 43 Resp: 7099
Ion Ratio Lower Upper
43 100
61 0.0 10.1 15.1#
70 0.0 7.1 10.7#



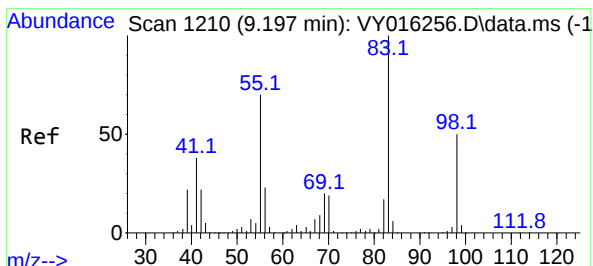
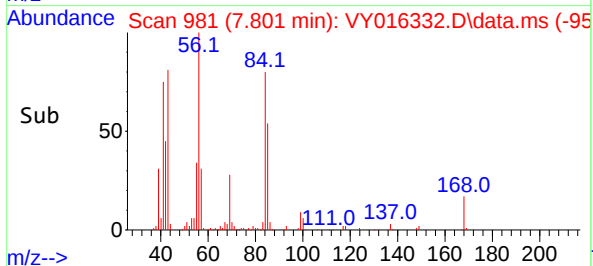
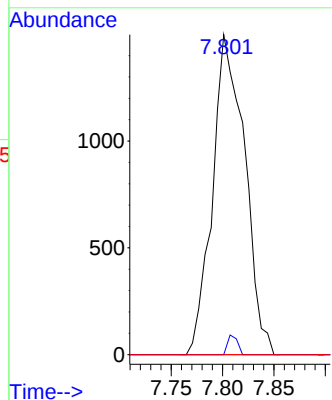


#38
Carbon Tetrachloride
Concen: 6.067 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY016332.D
Acq: 13 Nov 2023 18:53

Instrument :
MSVOA_Y
ClientSampleId :

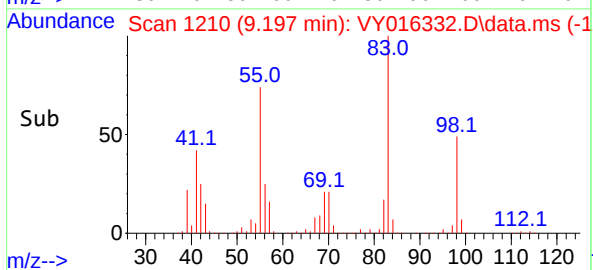
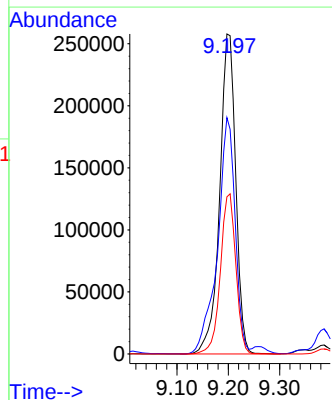
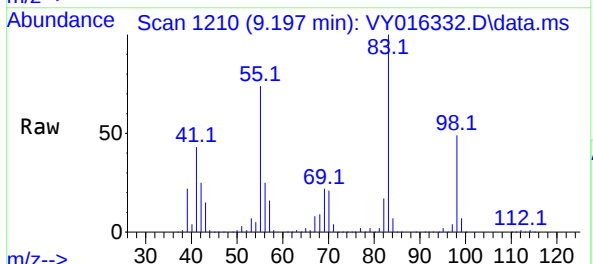


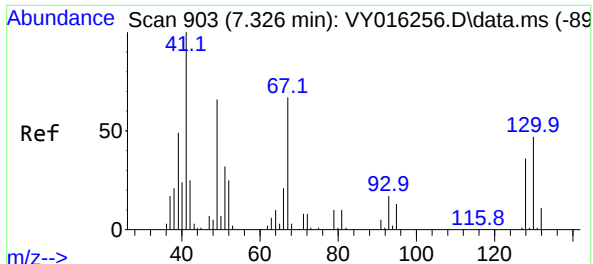
Tgt Ion: 117 Resp: 3265
Ion Ratio Lower Upper
117 100
119 0.0 76.4 114.6#
121 0.0 25.8 38.6#



#39
Methylcyclohexane
Concen: 865.716 ug/l
RT: 9.197 min Scan# 1210
Delta R.T. -0.000 min
Lab File: VY016332.D
Acq: 13 Nov 2023 18:53

Tgt Ion: 83 Resp: 559351
Ion Ratio Lower Upper
83 100
55 73.8 63.0 94.4
98 49.1 37.4 56.2

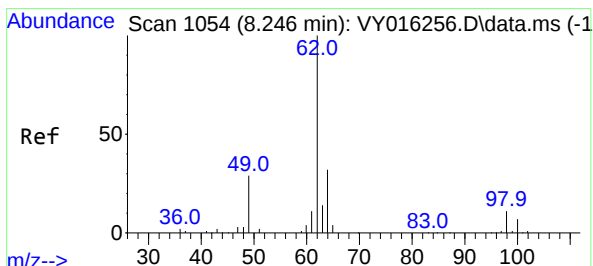
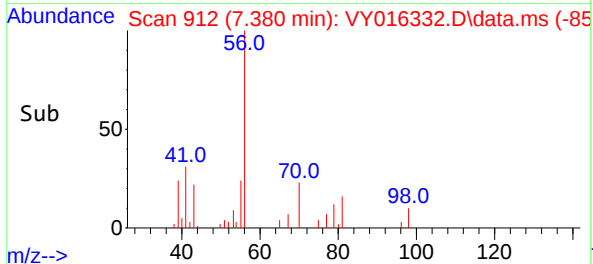
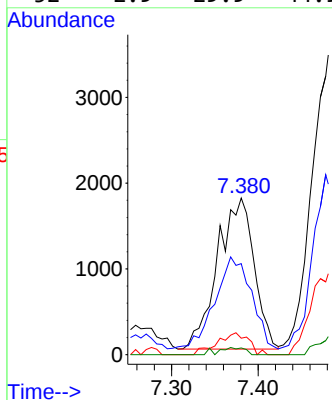
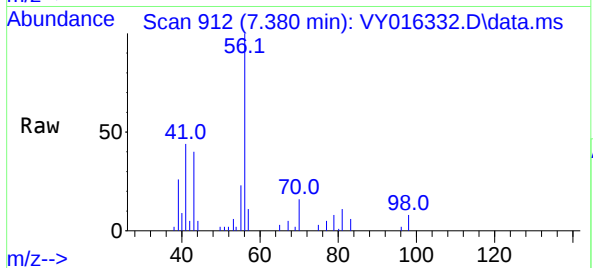




#41
Methacrylonitrile
Concen: 48.922 ug/l
RT: 7.380 min Scan# 912
Delta R.T. 0.055 min
Lab File: VY016332.D
Acq: 13 Nov 2023 18:53

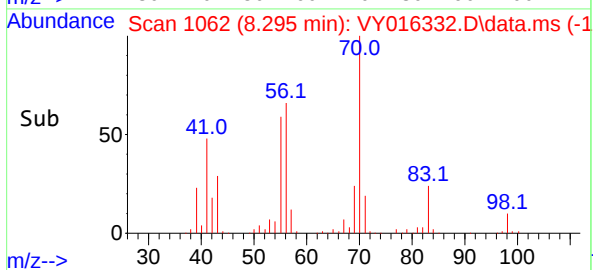
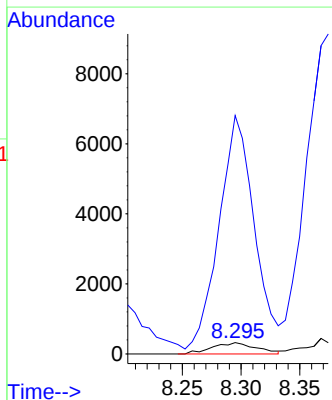
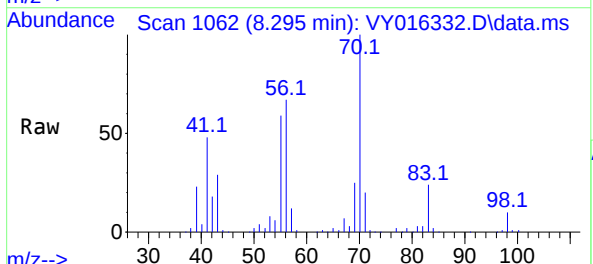
Instrument :
MSVOA_Y
ClientSampleId :

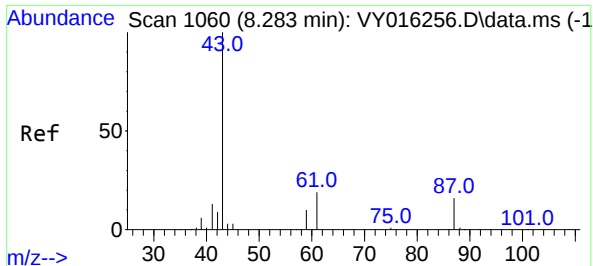
Tgt Ion: 41 Resp: 5168
Ion Ratio Lower Upper
41 100
39 62.0 52.1 78.1
67 0.0 66.2 99.2#
52 2.9 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 2.236 ug/l
RT: 8.295 min Scan# 1062
Delta R.T. 0.049 min
Lab File: VY016332.D
Acq: 13 Nov 2023 18:53

Tgt Ion: 62 Resp: 844
Ion Ratio Lower Upper
62 100
98 1631.8 0.0 15.8#

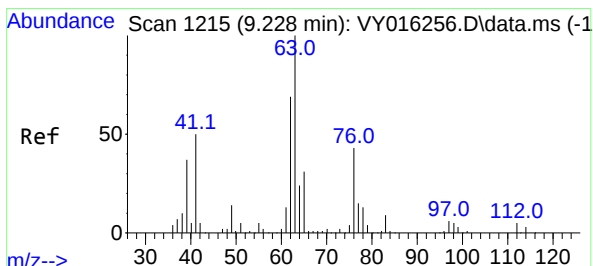
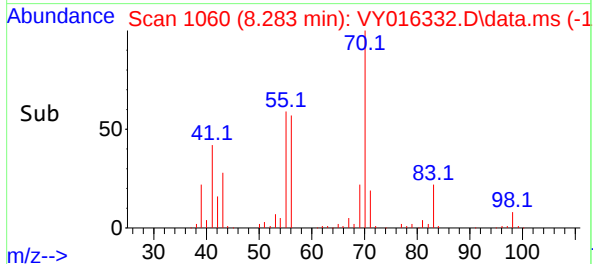
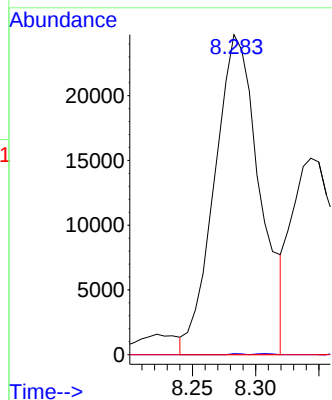
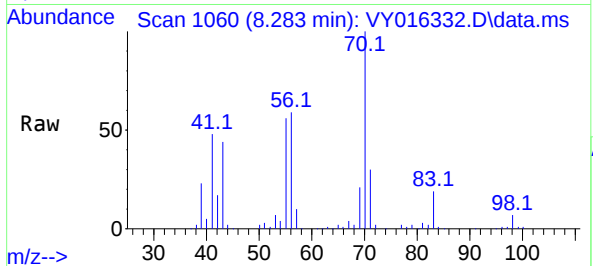




#43
Isopropyl Acetate
Concen: 152.131 ug/l
RT: 8.283 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VY016332.D
Acq: 13 Nov 2023 18:53

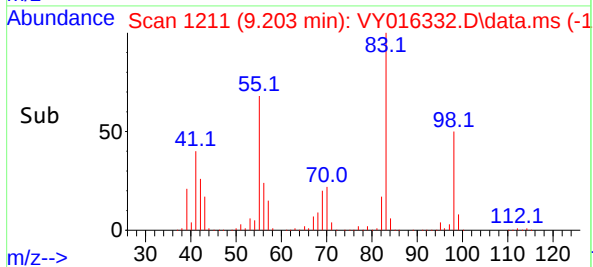
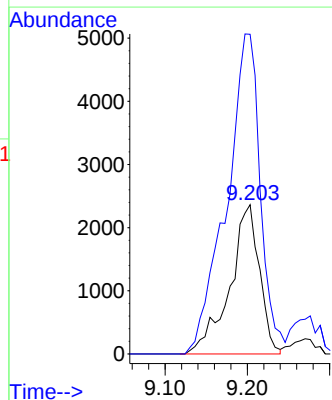
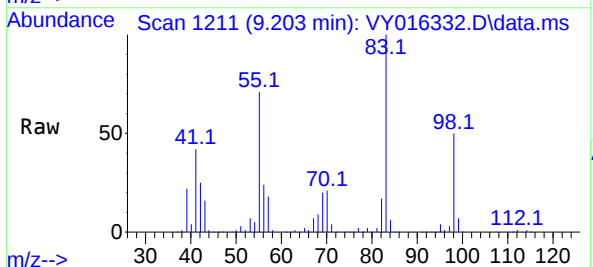
Instrument :
MSVOA_Y
ClientSampleId :

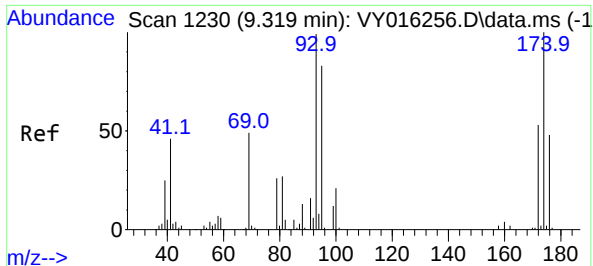
Tgt Ion: 43 Resp: 61610
Ion Ratio Lower Upper
43 100
61 0.1 21.1 31.7#
87 0.0 9.8 14.8#



#45
1,2-Dichloropropane
Concen: 16.932 ug/l
RT: 9.203 min Scan# 1211
Delta R.T. -0.025 min
Lab File: VY016332.D
Acq: 13 Nov 2023 18:53

Tgt Ion: 63 Resp: 5924
Ion Ratio Lower Upper
63 100
65 214.1 23.8 35.6#

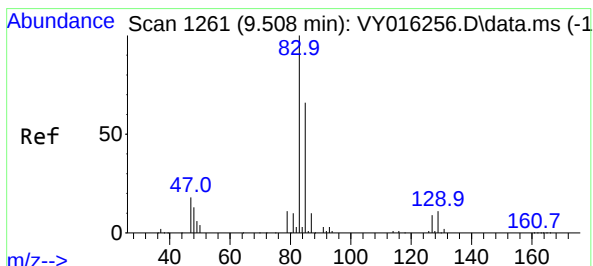
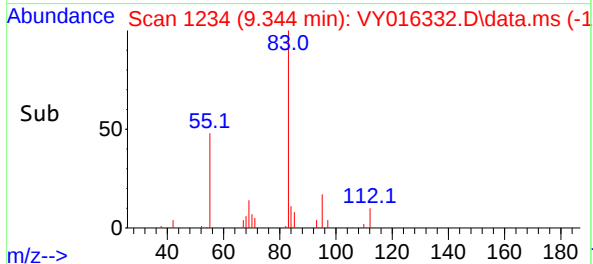
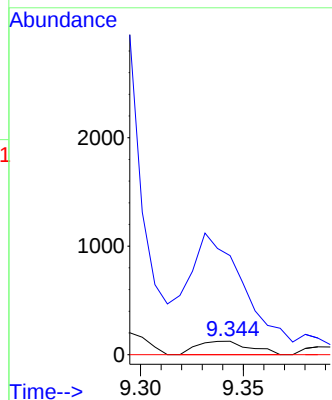
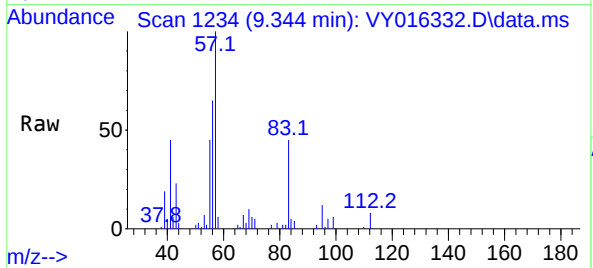




#46
Dibromomethane
Concen: 1.166 ug/l
RT: 9.344 min Scan# 11
Delta R.T. 0.024 min
Lab File: VY016332.D
Acq: 13 Nov 2023 18:53

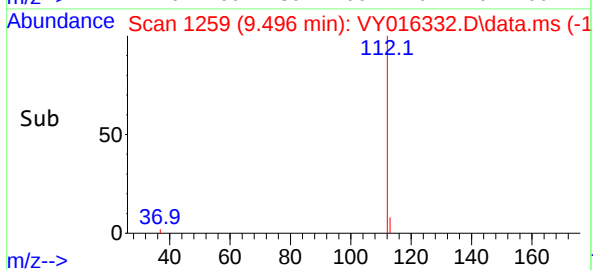
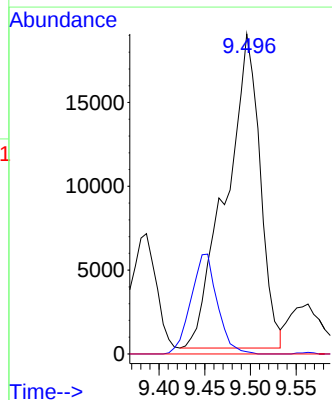
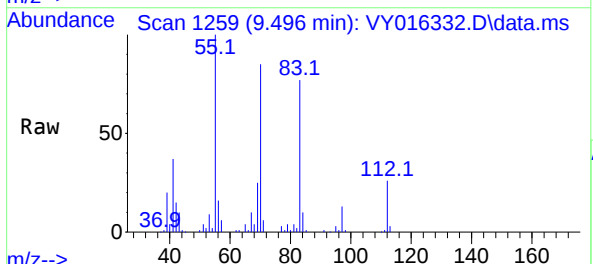
Instrument :
MSVOA_Y
ClientSampleId :

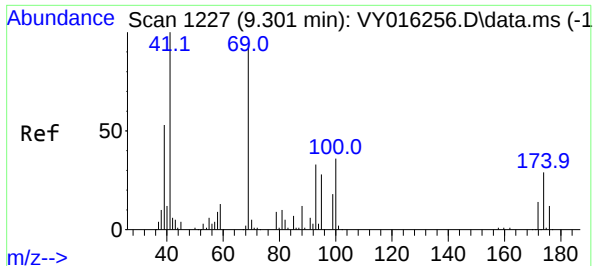
Tgt Ion: 93 Resp: 221
Ion Ratio Lower Upper
93 100
95 1087.3 66.6 100.0#
174 0.0 84.8 127.2#



#47
Bromodichloromethane
Concen: 99.884 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.012 min
Lab File: VY016332.D
Acq: 13 Nov 2023 18:53

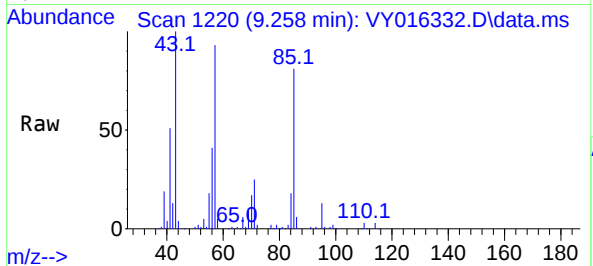
Tgt Ion: 83 Resp: 48686
Ion Ratio Lower Upper
83 100
85 0.7 50.1 75.1#
127 0.0 7.1 10.7#



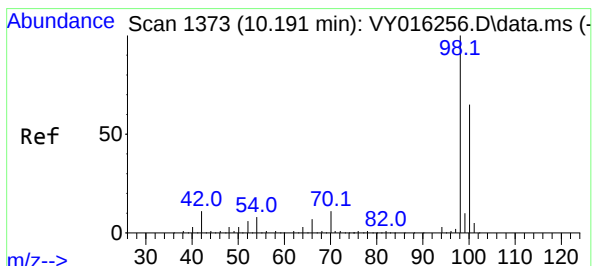
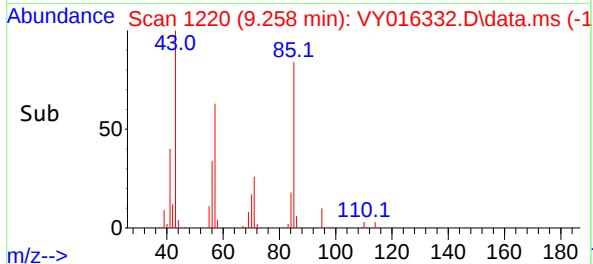
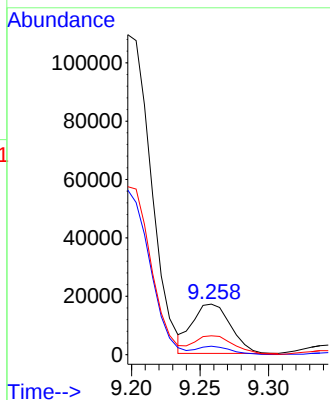


#48
Methyl methacrylate
Concen: 147.200 ug/l
RT: 9.258 min Scan# 11
Delta R.T. -0.043 min
Lab File: VY016332.D
Acq: 13 Nov 2023 18:53

Instrument :
MSVOA_Y
ClientSampleId :

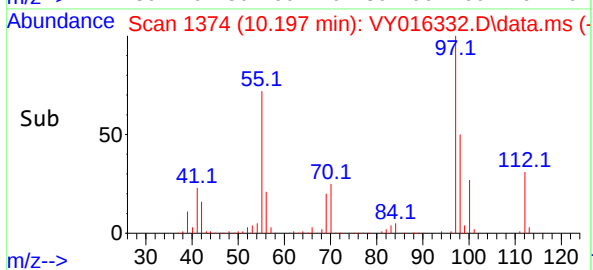
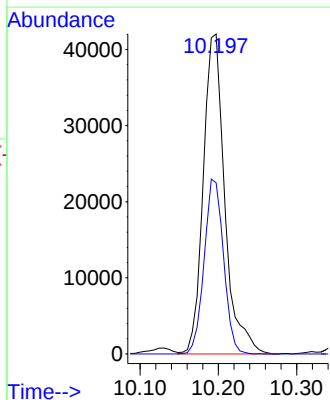
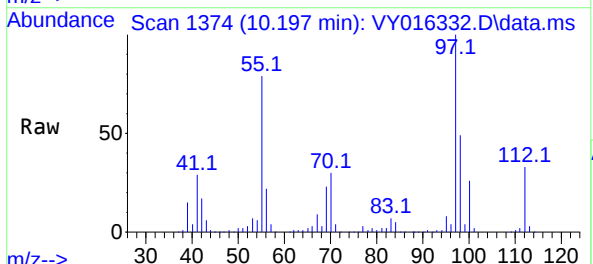


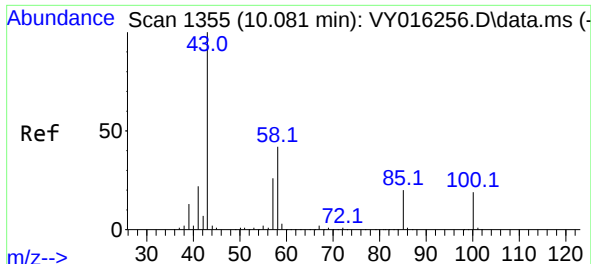
Tgt Ion: 41 Resp: 32946
Ion Ratio Lower Upper
41 100
69 14.5 64.5 96.7#
39 36.5 50.8 76.2#



#50
Toluene-d8
Concen: 66.186 ug/l
RT: 10.197 min Scan# 1374
Delta R.T. 0.006 min
Lab File: VY016332.D
Acq: 13 Nov 2023 18:53

Tgt Ion: 98 Resp: 80149
Ion Ratio Lower Upper
98 100
100 49.2 50.1 75.1#

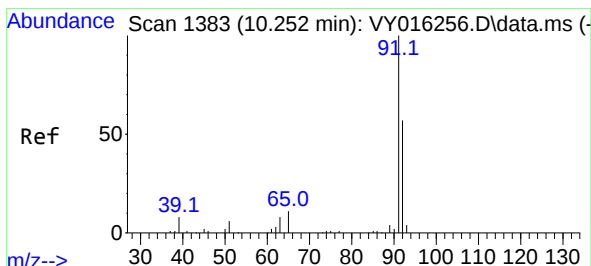
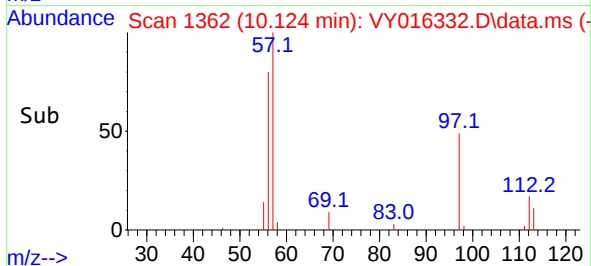
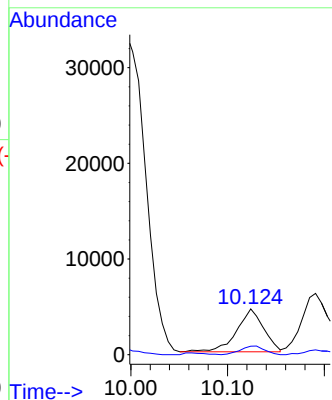
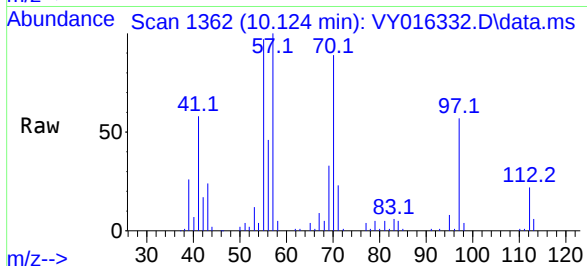




#51
4-Methyl-2-Pentanone
Concen: 42.297 ug/l
RT: 10.124 min Scan# 11
Delta R.T. 0.043 min
Lab File: VY016332.D
Acq: 13 Nov 2023 18:53

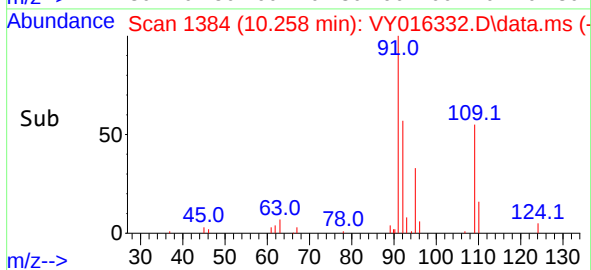
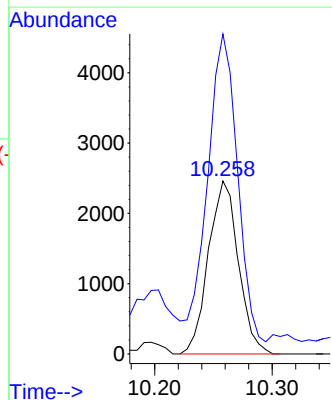
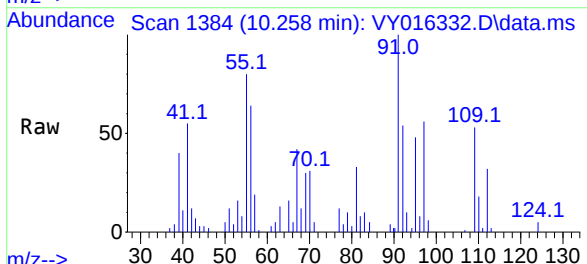
Instrument :
MSVOA_Y
ClientSampleId :

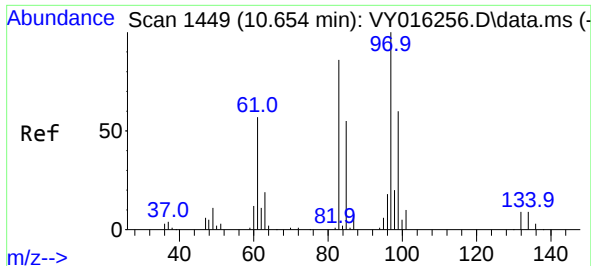
Tgt Ion: 43 Resp: 8662
Ion Ratio Lower Upper
43 100
58 18.0 29.0 43.6#



#52
Toluene
Concen: 4.729 ug/l
RT: 10.258 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VY016332.D
Acq: 13 Nov 2023 18:53

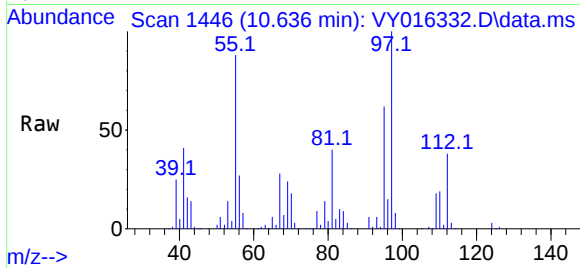
Tgt Ion: 92 Resp: 4355
Ion Ratio Lower Upper
92 100
91 178.9 143.8 215.6



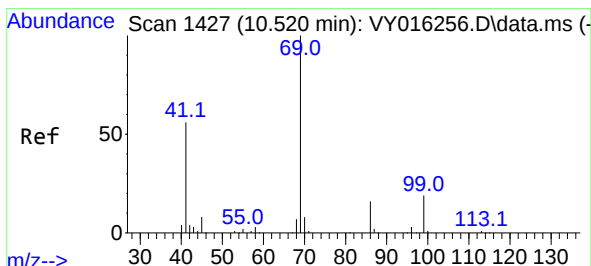
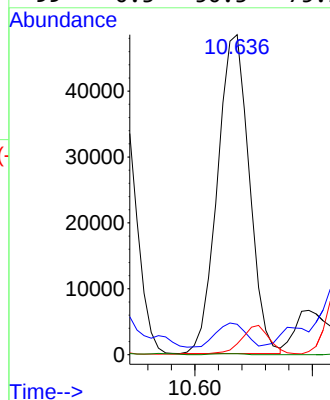
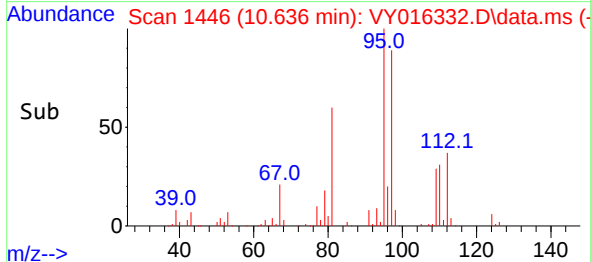


#55
1,1,2-Trichloroethane
Concen: 348.239 ug/l
RT: 10.636 min Scan# 1446
Delta R.T. -0.018 min
Lab File: VY016332.D
Acq: 13 Nov 2023 18:53

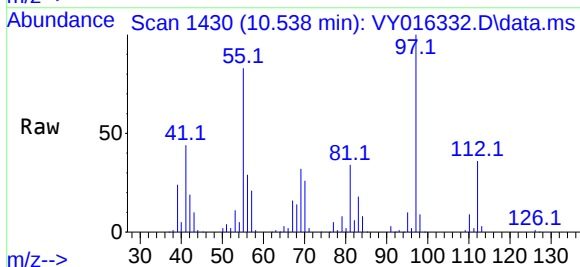
Instrument :
MSVOA_Y
ClientSampleId :



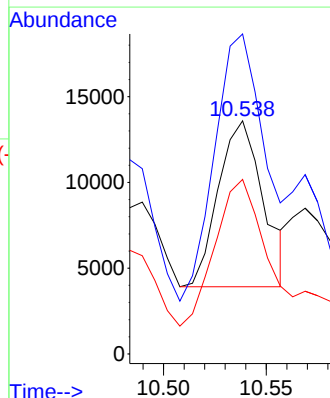
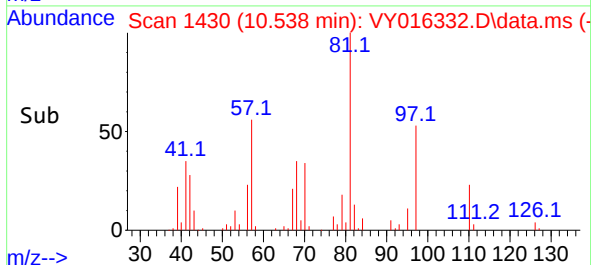
Tgt Ion:	97	Resp:	91001
Ion	Ratio	Lower	Upper
97	100		
83	6.8	72.0	108.0#
85	3.2	45.4	68.0#
99	0.3	50.3	75.5#

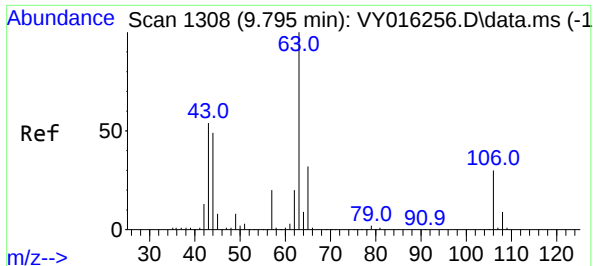


#56
Ethyl methacrylate
Concen: 59.734 ug/l
RT: 10.538 min Scan# 1430
Delta R.T. 0.018 min
Lab File: VY016332.D
Acq: 13 Nov 2023 18:53



Tgt Ion:	69	Resp:	14735
Ion	Ratio	Lower	Upper
69	100		
41	179.9	57.6	86.4#
39	131.8	34.1	51.1#

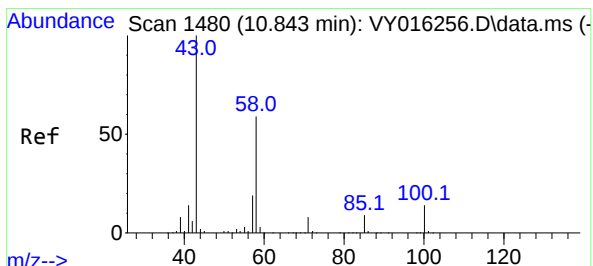
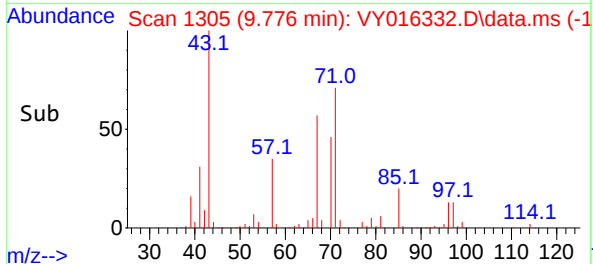
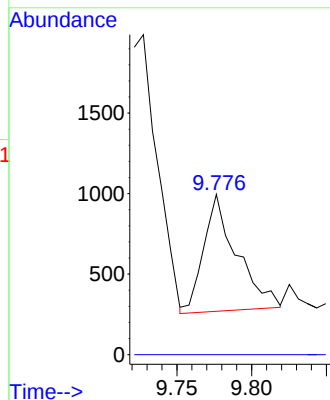
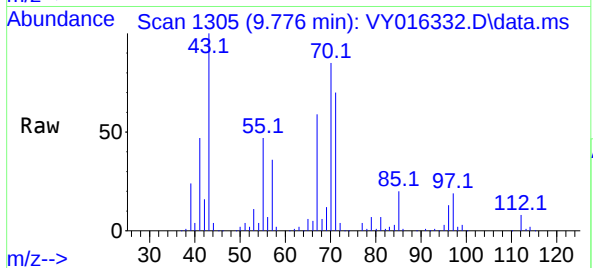




#58
2-Chloroethyl Vinyl ether
Concen: 6.672 ug/l
RT: 9.776 min Scan# 1116
Delta R.T. -0.018 min
Lab File: VY016332.D
Acq: 13 Nov 2023 18:53

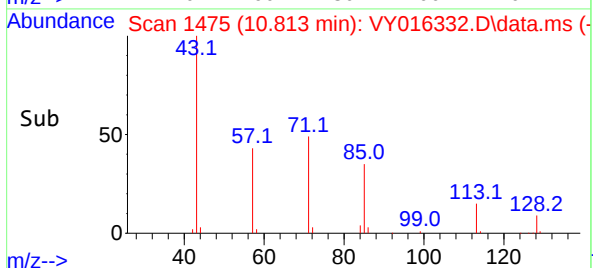
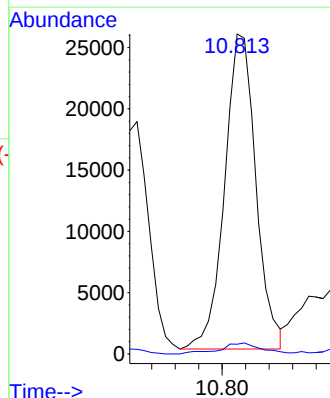
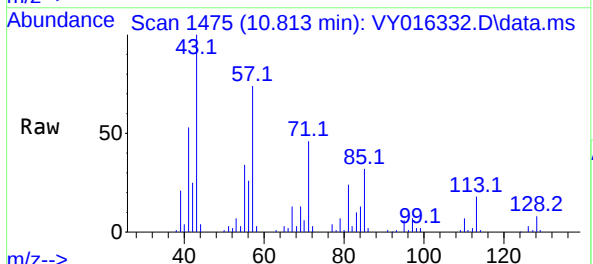
Instrument :
MSVOA_Y
ClientSampleId :

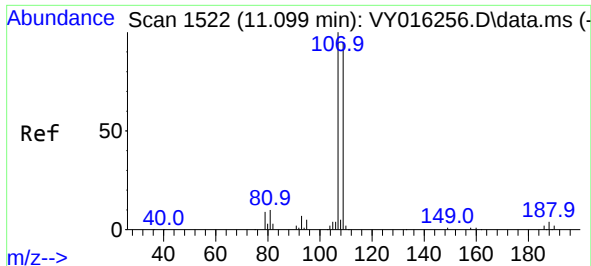
Tgt Ion: 63 Resp: 1116
Ion Ratio Lower Upper
63 100
106 0.0 21.2 31.8#



#59
2-Hexanone
Concen: 312.960 ug/l
RT: 10.813 min Scan# 1475
Delta R.T. -0.031 min
Lab File: VY016332.D
Acq: 13 Nov 2023 18:53

Tgt Ion: 43 Resp: 47672
Ion Ratio Lower Upper
43 100
58 4.5 25.1 75.3#

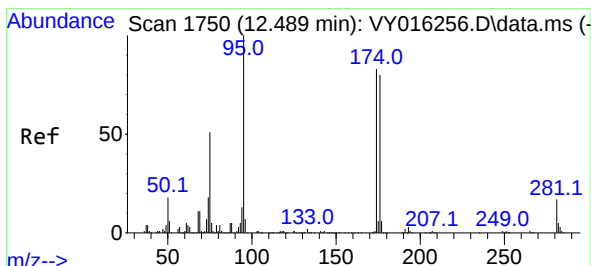
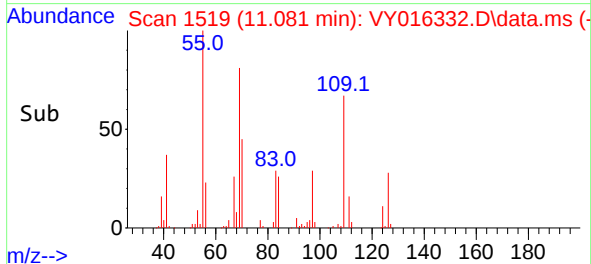
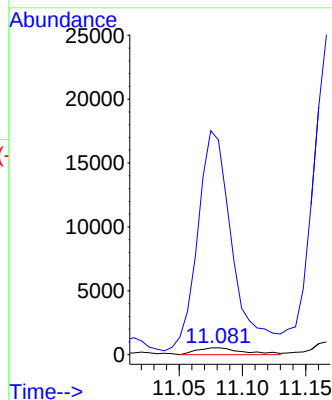
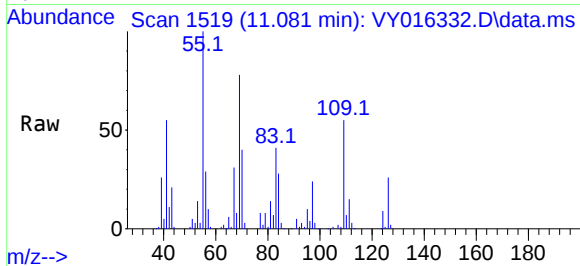




#61
1,2-Dibromoethane
Concen: 5.611 ug/l
RT: 11.081 min Scan# 1107
Delta R.T. -0.018 min
Lab File: VY016332.D
Acq: 13 Nov 2023 18:53

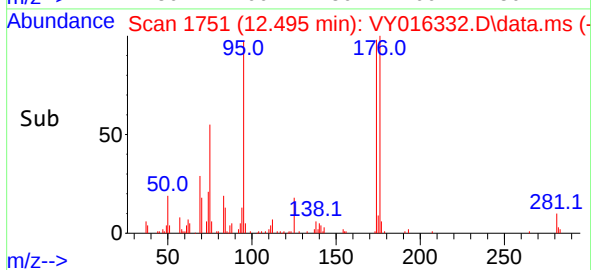
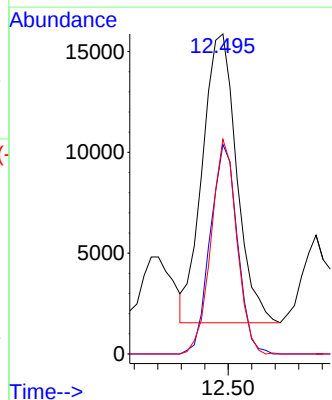
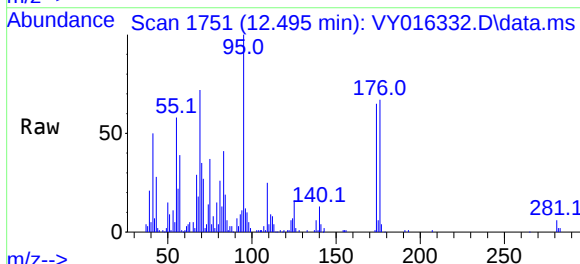
Instrument :
MSVOA_Y
ClientSampleId :

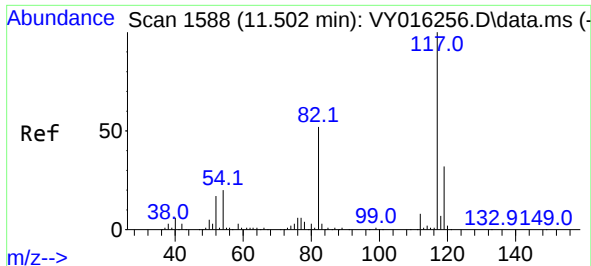
Tgt Ion:107 Resp: 1397
Ion Ratio Lower Upper
107 100
109 2361.3 75.6 113.4#



#62
4-Bromofluorobenzene
Concen: 73.577 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016332.D
Acq: 13 Nov 2023 18:53

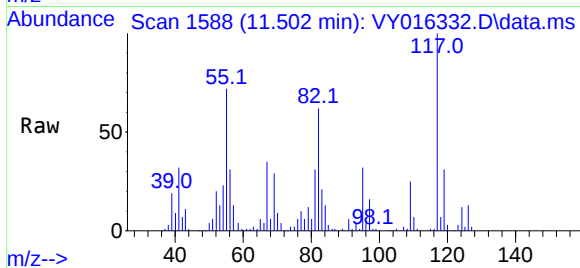
Tgt Ion: 95 Resp: 28938
Ion Ratio Lower Upper
95 100
174 57.6 0.0 178.2
176 55.8 0.0 173.8



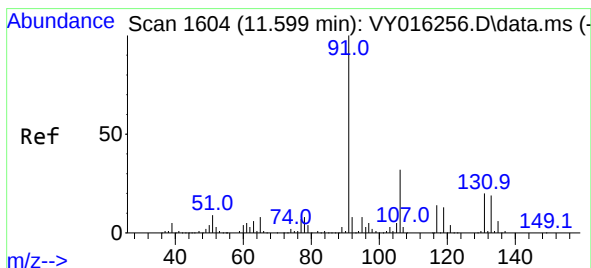
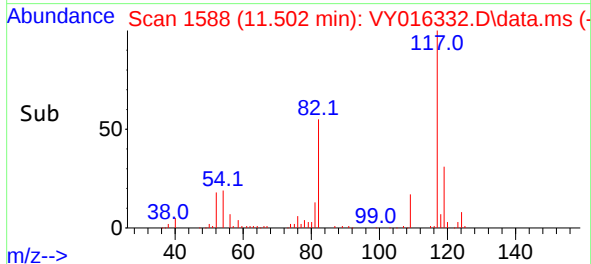
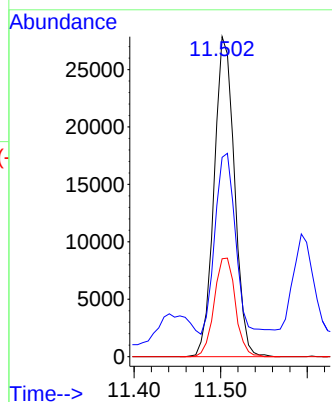


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016332.D
Acq: 13 Nov 2023 18:53

Instrument :
MSVOA_Y
ClientSampleId :

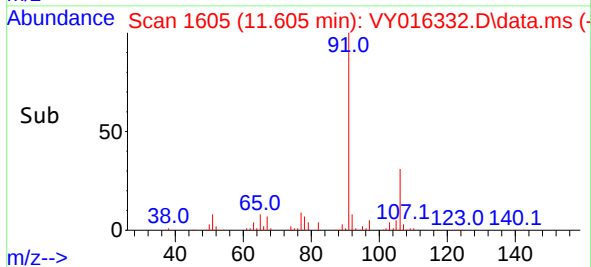
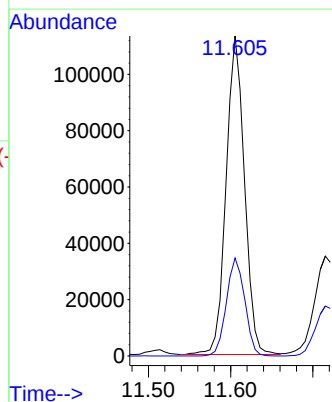
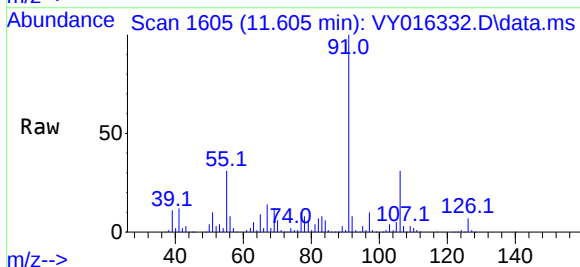


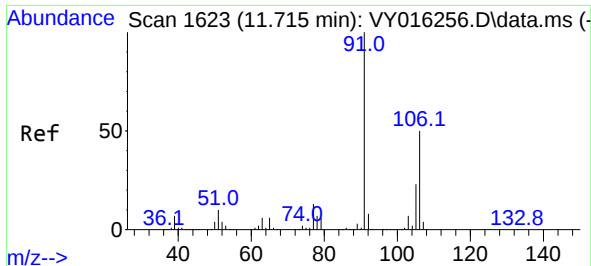
Tgt Ion:117 Resp: 45451
Ion Ratio Lower Upper
117 100
82 53.7 43.4 65.0
119 30.6 26.3 39.5



#67
Ethyl Benzene
Concen: 100.330 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. 0.006 min
Lab File: VY016332.D
Acq: 13 Nov 2023 18:53

Tgt Ion: 91 Resp: 175094
Ion Ratio Lower Upper
91 100
106 30.7 24.6 36.8

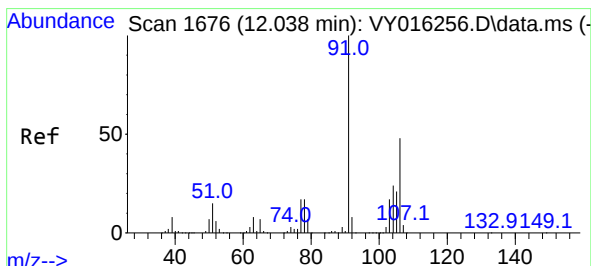
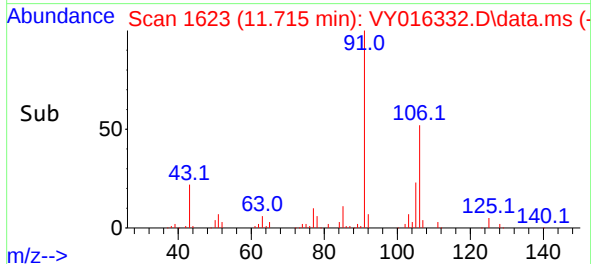
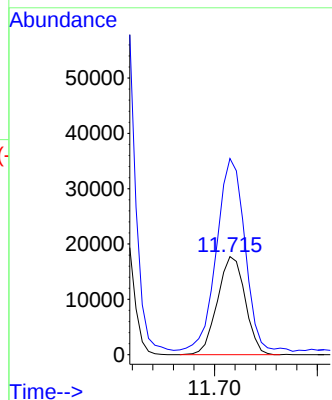
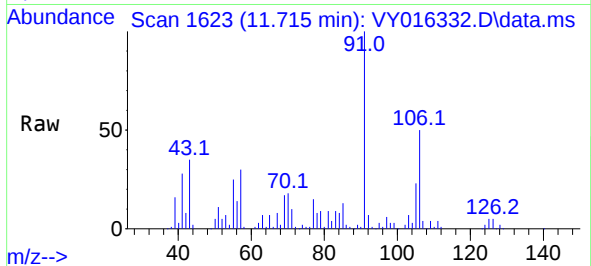




#68
m/p-Xylenes
Concen: 49.999 ug/l
RT: 11.715 min Scan# 1623
Delta R.T. -0.000 min
Lab File: VY016332.D
Acq: 13 Nov 2023 18:53

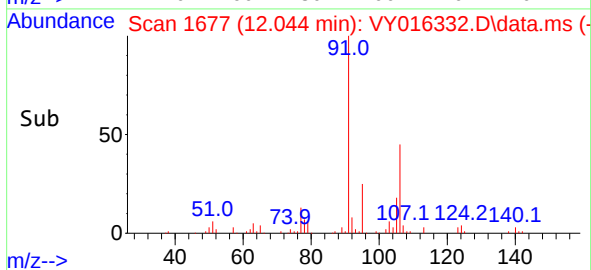
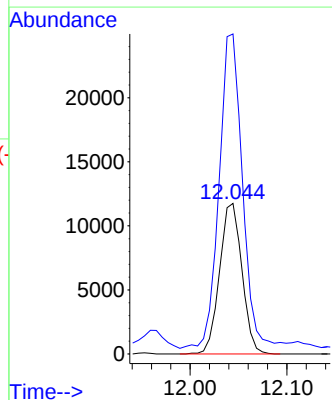
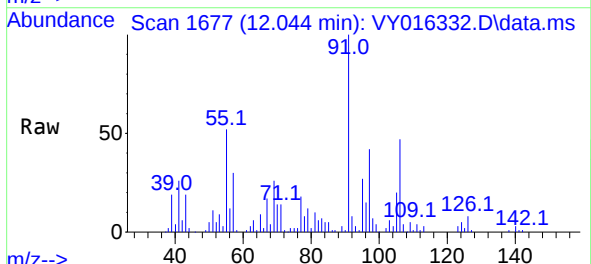
Instrument :
MSVOA_Y
ClientSampleId :

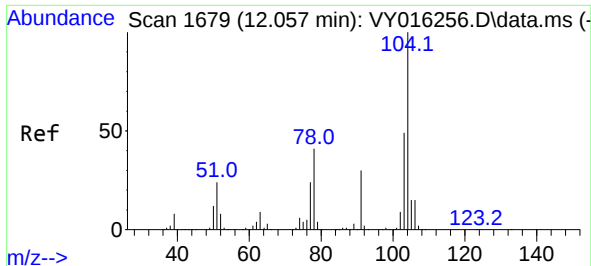
Tgt Ion:106 Resp: 33096
Ion Ratio Lower Upper
106 100
91 202.4 166.1 249.1



#69
o-Xylene
Concen: 30.646 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VY016332.D
Acq: 13 Nov 2023 18:53

Tgt Ion:106 Resp: 18834
Ion Ratio Lower Upper
106 100
91 218.6 108.1 324.3

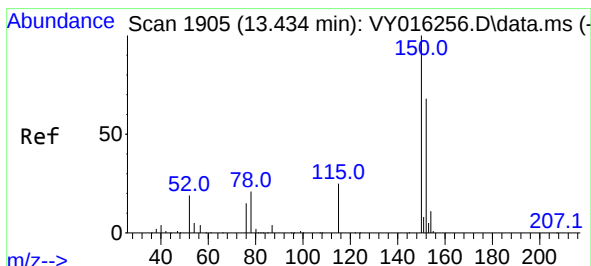
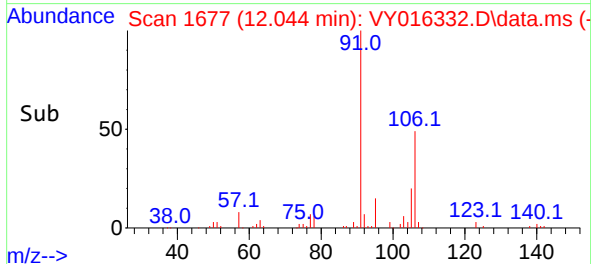
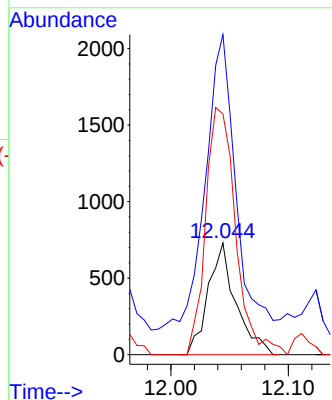
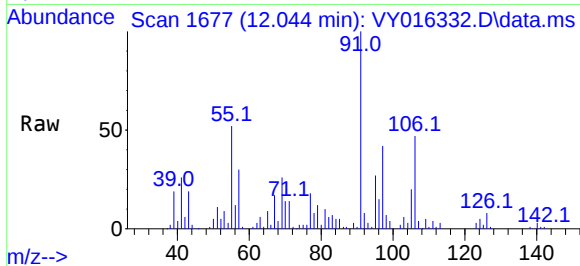




#70
Styrene
Concen: 1.359 ug/l
RT: 12.044 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY016332.D
Acq: 13 Nov 2023 18:53

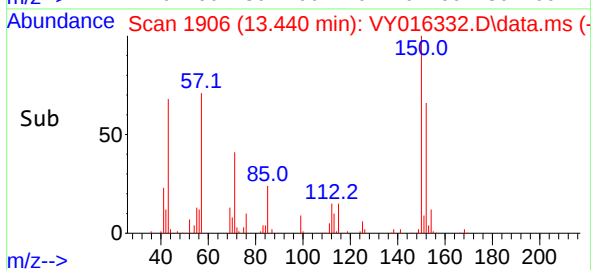
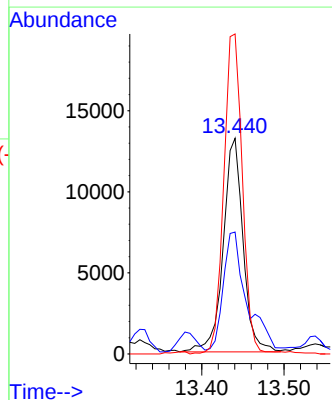
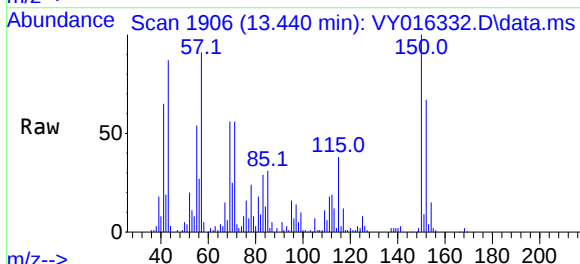
Instrument :
MSVOA_Y
ClientSampleId :

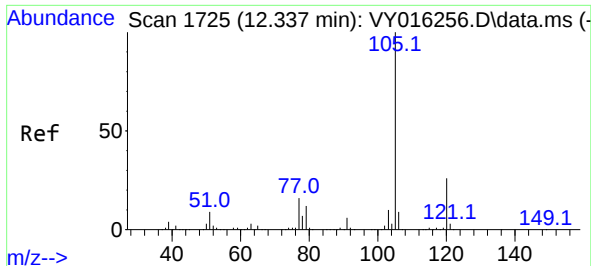
Tgt Ion:104 Resp: 1196
Ion Ratio Lower Upper
104 100
78 284.4 41.5 62.3#
103 239.4 44.6 67.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.006 min
Lab File: VY016332.D
Acq: 13 Nov 2023 18:53

Tgt Ion:152 Resp: 22240
Ion Ratio Lower Upper
152 100
115 64.4 28.8 86.5
150 140.9 0.0 348.8

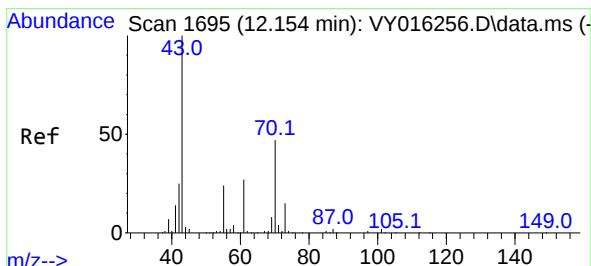
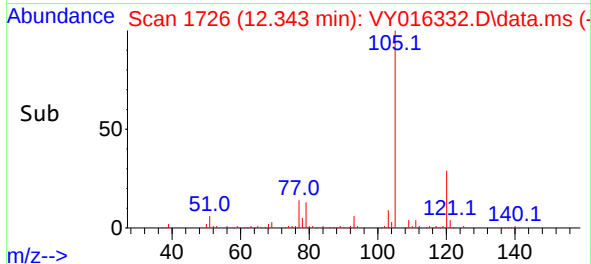
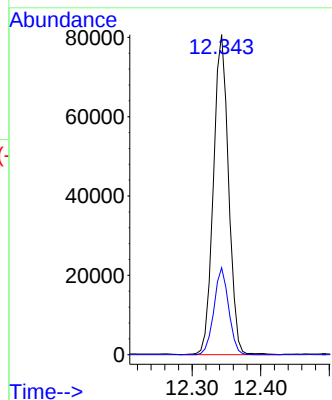
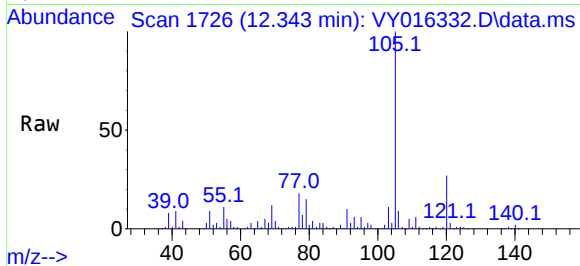




#73
Isopropylbenzene
Concen: 68.841 ug/l
RT: 12.343 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016332.D
Acq: 13 Nov 2023 18:53

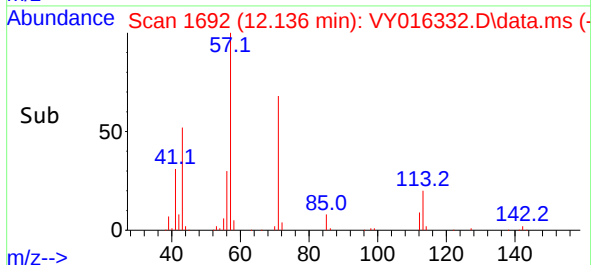
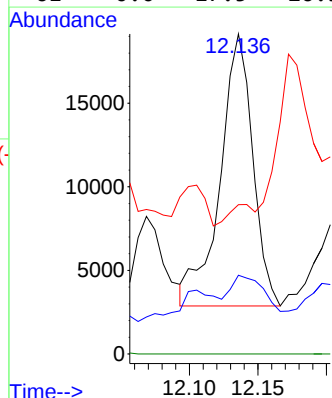
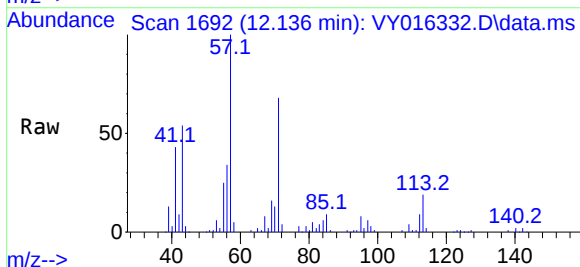
Instrument :
MSVOA_Y
ClientSampleId :

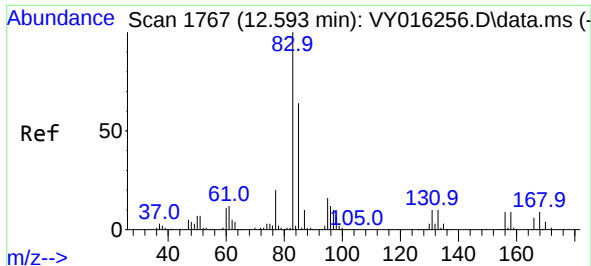
Tgt Ion:105 Resp: 123979
Ion Ratio Lower Upper
105 100
120 26.3 13.3 39.9



#74
N-ethyl acetate
Concen: 74.555 ug/l
RT: 12.136 min Scan# 1692
Delta R.T. -0.018 min
Lab File: VY016332.D
Acq: 13 Nov 2023 18:53

Tgt Ion: 43 Resp: 26970
Ion Ratio Lower Upper
43 100
70 12.5 29.7 44.5#
55 0.0 18.3 27.5#
61 0.0 17.5 26.3#

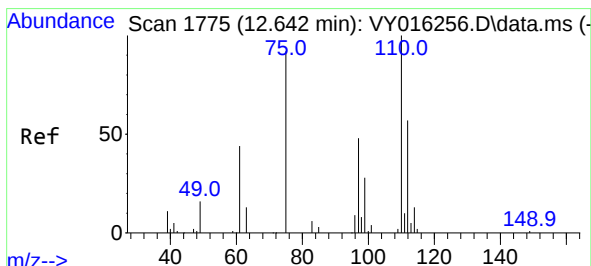
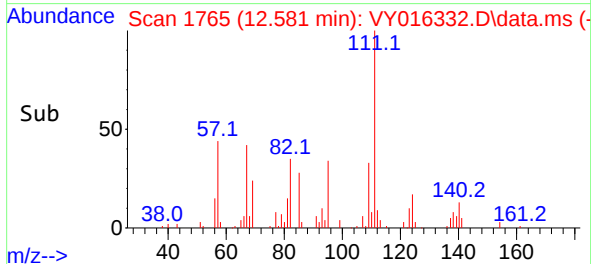
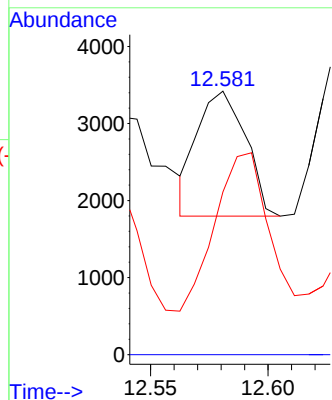
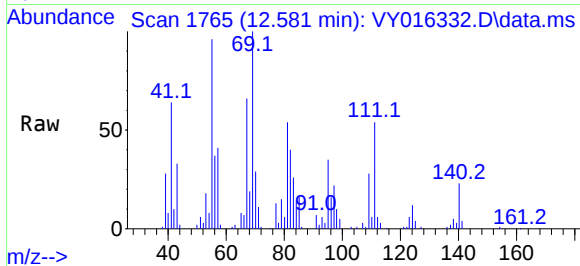




#75
1,1,2,2-Tetrachloroethane
Concen: 8.007 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.012 min
Lab File: VY016332.D
Acq: 13 Nov 2023 18:53

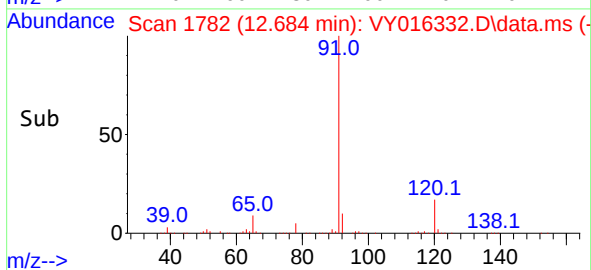
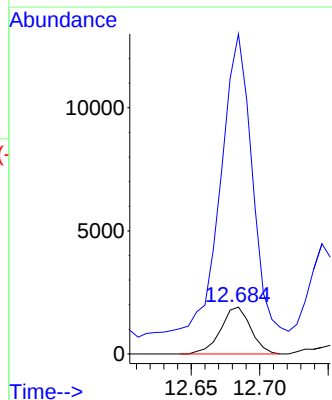
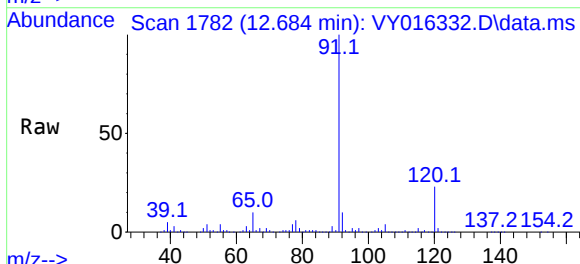
Instrument :
MSVOA_Y
ClientSampleId :

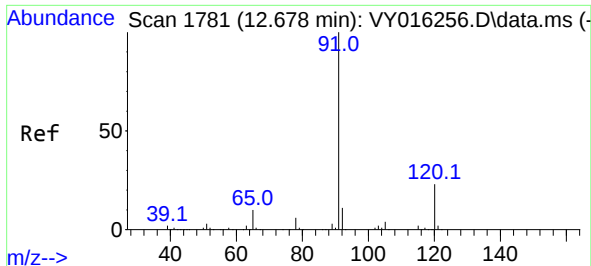
Tgt Ion: 83 Resp: 2314
Ion Ratio Lower Upper
83 100
131 0.0 5.4 16.2#
85 152.2 31.8 95.4#



#76
1,2,3-Trichloropropane
Concen: 13.593 ug/l
RT: 12.684 min Scan# 1782
Delta R.T. 0.043 min
Lab File: VY016332.D
Acq: 13 Nov 2023 18:53

Tgt Ion: 75 Resp: 2900
Ion Ratio Lower Upper
75 100
77 695.4 0.0 0.0#

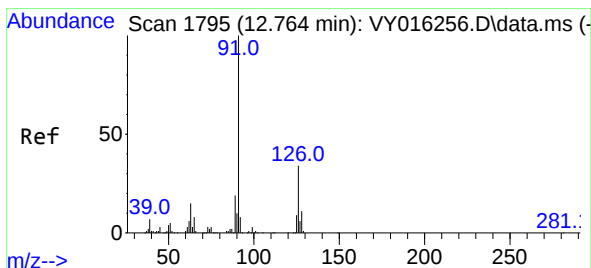
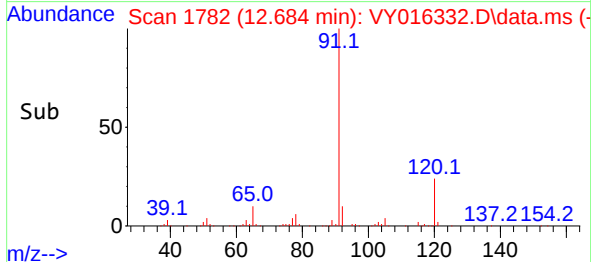
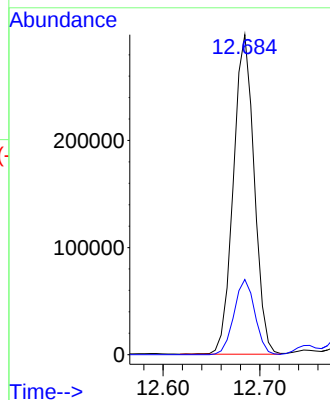
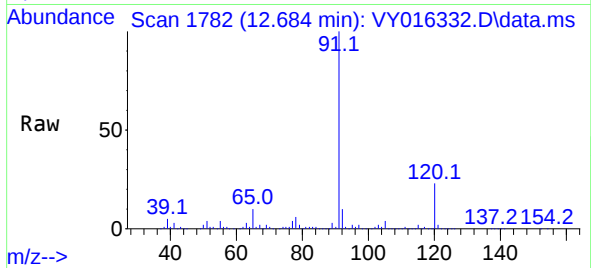




#78
n-propylbenzene
Concen: 209.358 ug/l
RT: 12.684 min Scan# 1782
Delta R.T. 0.006 min
Lab File: VY016332.D
Acq: 13 Nov 2023 18:53

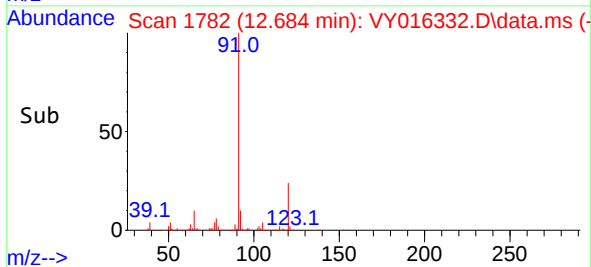
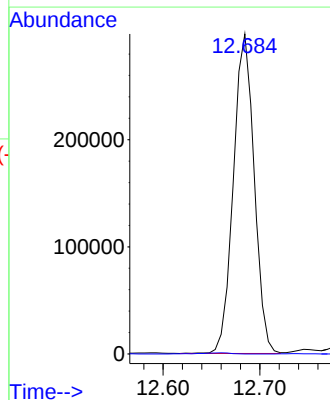
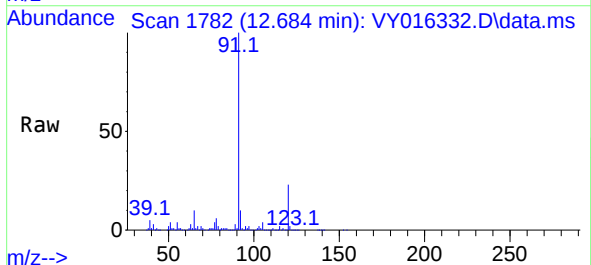
Instrument :
MSVOA_Y
ClientSampleId :

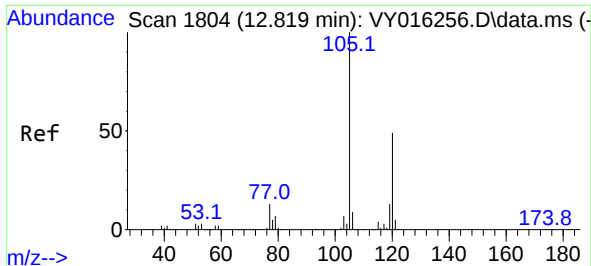
Tgt Ion: 91 Resp: 445585
Ion Ratio Lower Upper
91 100
120 23.6 11.5 34.4



#79
2-Chlorotoluene
Concen: 379.892 ug/l
RT: 12.684 min Scan# 1782
Delta R.T. -0.079 min
Lab File: VY016332.D
Acq: 13 Nov 2023 18:53

Tgt Ion: 91 Resp: 445585
Ion Ratio Lower Upper
91 100
126 0.0 17.3 51.7#

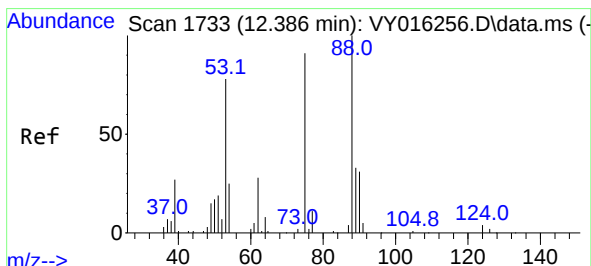
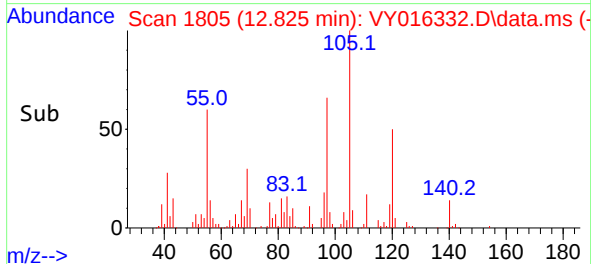
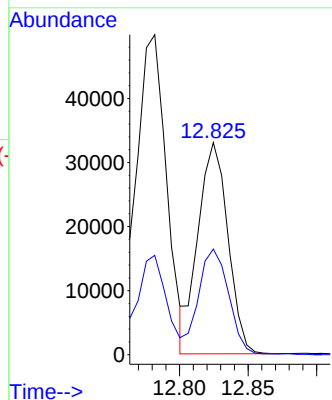
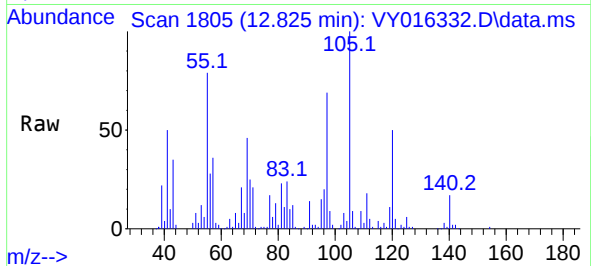




#80
1,3,5-Trimethylbenzene
Concen: 34.463 ug/l
RT: 12.825 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016332.D
Acq: 13 Nov 2023 18:53

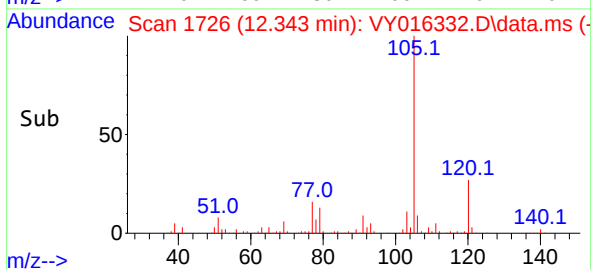
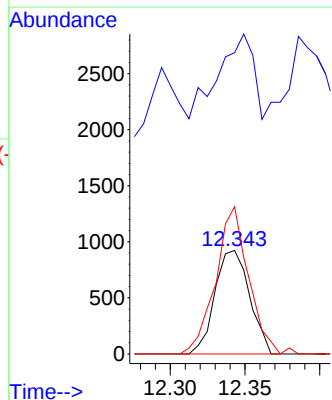
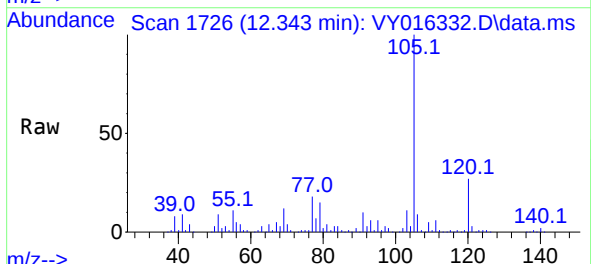
Instrument :
MSVOA_Y
ClientSampleId :

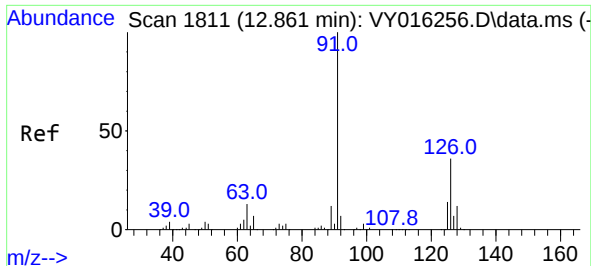
Tgt Ion:105 Resp: 50041
Ion Ratio Lower Upper
105 100
120 51.1 23.9 71.7



#81
trans-1,4-Dichloro-2-butene
Concen: 15.139 ug/l
RT: 12.343 min Scan# 1726
Delta R.T. -0.043 min
Lab File: VY016332.D
Acq: 13 Nov 2023 18:53

Tgt Ion: 75 Resp: 1488
Ion Ratio Lower Upper
75 100
53 253.8 77.8 116.8#
89 135.3 37.4 56.0#

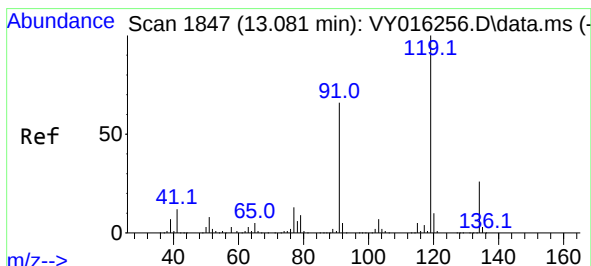
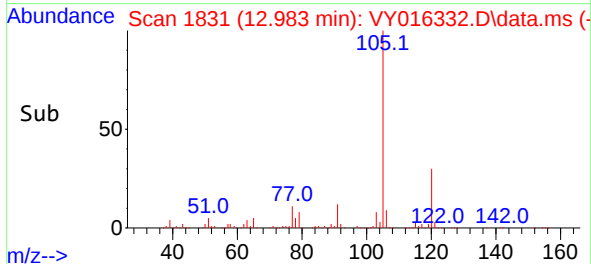
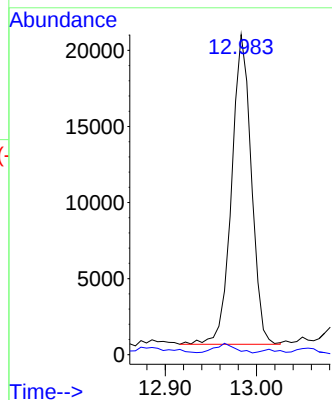
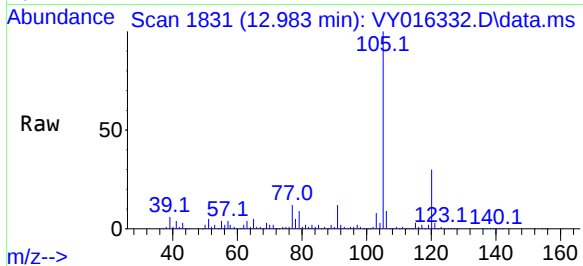




#82
4-Chlorotoluene
Concen: 25.182 ug/l
RT: 12.983 min Scan# 1831
Delta R.T. 0.122 min
Lab File: VY016332.D
Acq: 13 Nov 2023 18:53

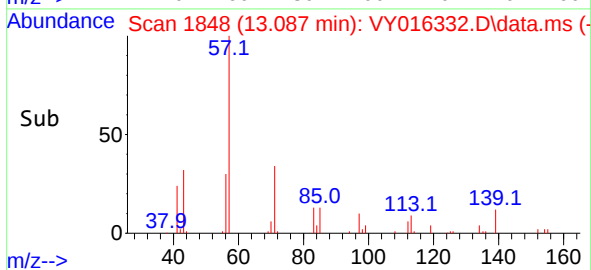
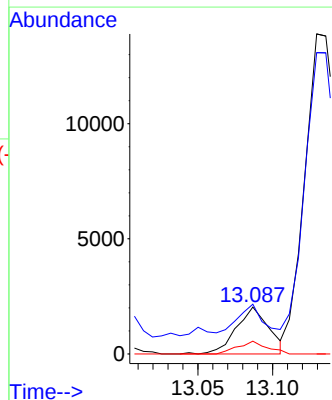
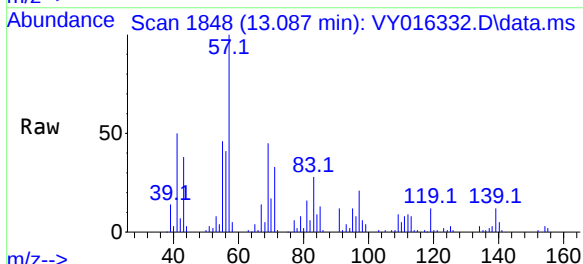
Instrument :
MSVOA_Y
ClientSampleId :

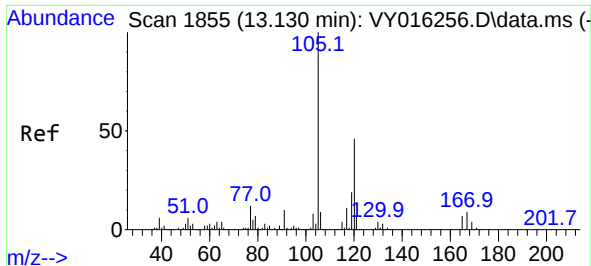
Tgt Ion: 91 Resp: 30520
Ion Ratio Lower Upper
91 100
126 3.1 17.2 51.6#



#83
tert-Butylbenzene
Concen: 2.418 ug/l
RT: 13.087 min Scan# 1848
Delta R.T. 0.006 min
Lab File: VY016332.D
Acq: 13 Nov 2023 18:53

Tgt Ion: 119 Resp: 3093
Ion Ratio Lower Upper
119 100
91 0.0 32.9 98.6#
134 0.0 13.0 38.9#

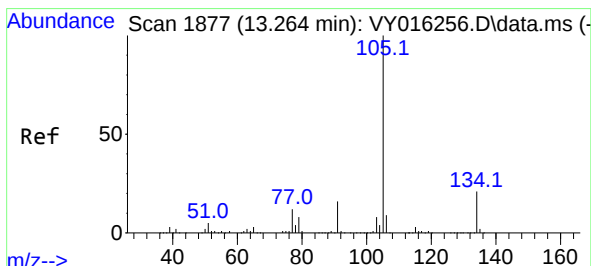
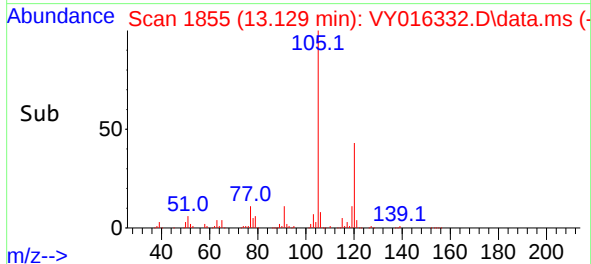
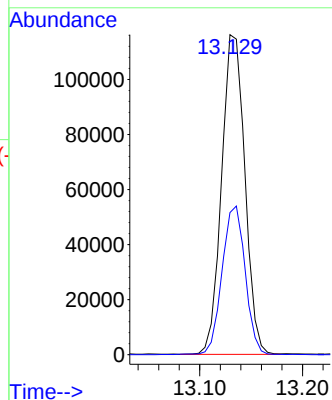
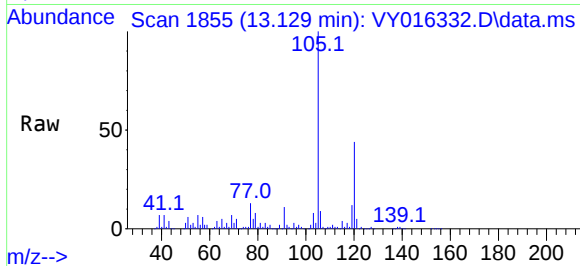




#84
1,2,4-Trimethylbenzene
Concen: 127.541 ug/l
RT: 13.129 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VY016332.D
Acq: 13 Nov 2023 18:53

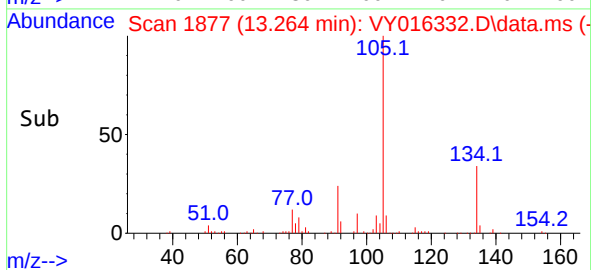
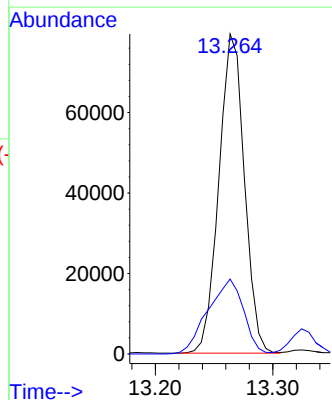
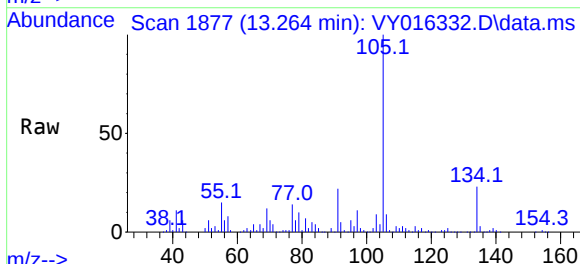
Instrument :
MSVOA_Y
ClientSampleId :

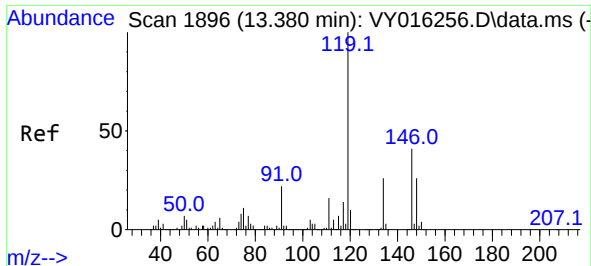
Tgt Ion:105 Resp: 182350
Ion Ratio Lower Upper
105 100
120 46.2 22.2 66.6



#85
sec-Butylbenzene
Concen: 65.464 ug/l
RT: 13.264 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VY016332.D
Acq: 13 Nov 2023 18:53

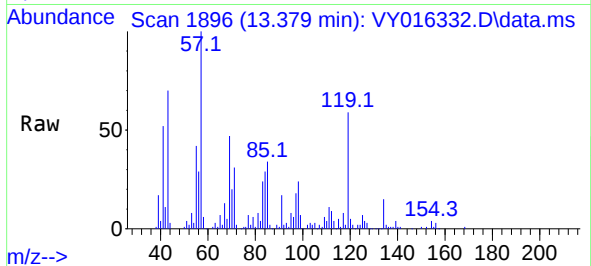
Tgt Ion:105 Resp: 119613
Ion Ratio Lower Upper
105 100
134 32.8 10.2 30.6#



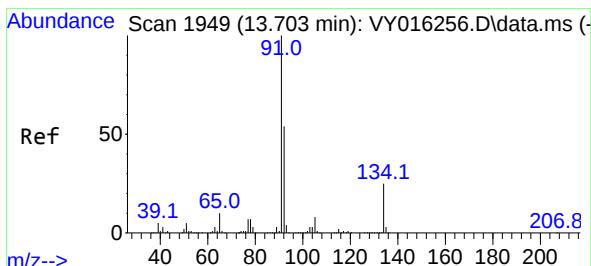
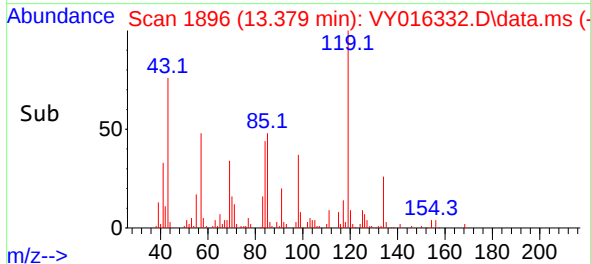
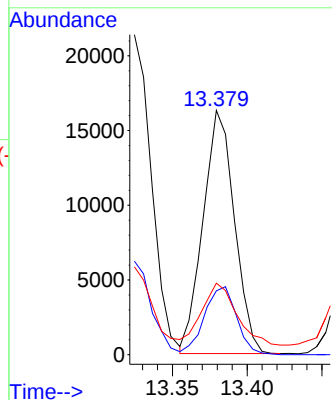


#86
p-Isopropyltoluene
Concen: 15.111 ug/l
RT: 13.379 min Scan# 119
Delta R.T. -0.000 min
Lab File: VY016332.D
Acq: 13 Nov 2023 18:53

Instrument :
MSVOA_Y
ClientSampleId :

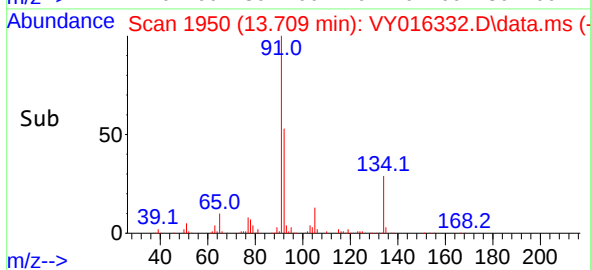
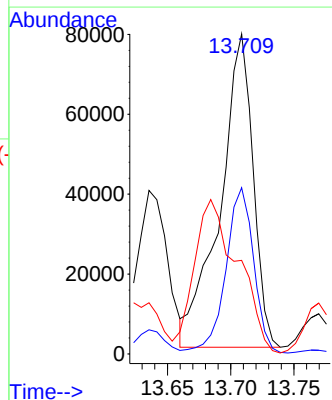
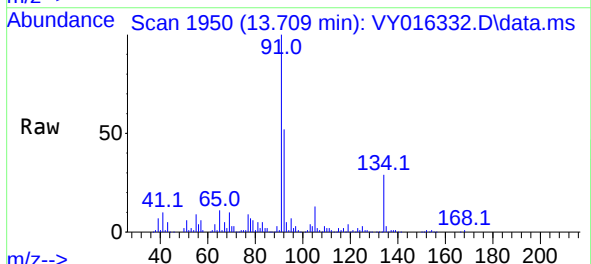


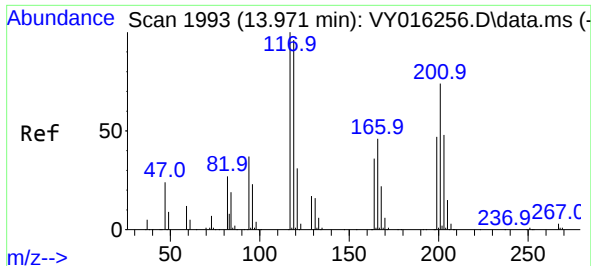
Tgt Ion:	119	Resp:	23775
Ion	Ratio	Lower	Upper
119	100		
134	28.7	13.3	39.8
91	27.9	12.4	37.4



#89
n-Butylbenzene
Concen: 97.666 ug/l
RT: 13.709 min Scan# 1950
Delta R.T. 0.006 min
Lab File: VY016332.D
Acq: 13 Nov 2023 18:53

Tgt Ion:	91	Resp:	141905
Ion	Ratio	Lower	Upper
91	100		
92	44.8	25.4	76.0
134	0.0	12.6	37.6#

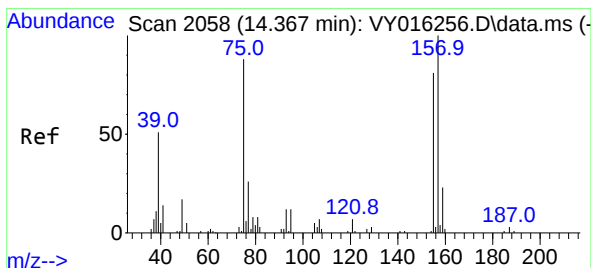
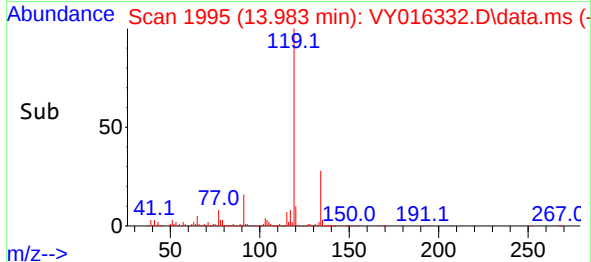
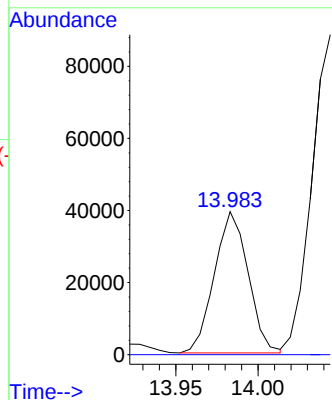
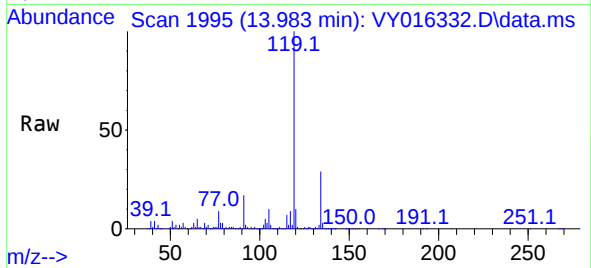




#90
Hexachloroethane
Concen: 184.355 ug/l
RT: 13.983 min Scan# 1995
Delta R.T. 0.012 min
Lab File: VY016332.D
Acq: 13 Nov 2023 18:53

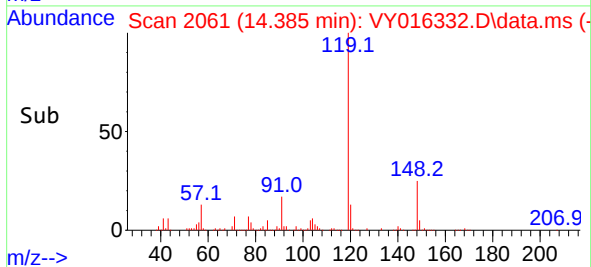
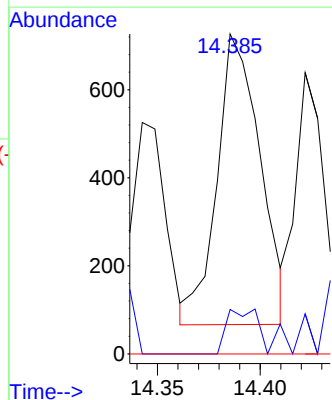
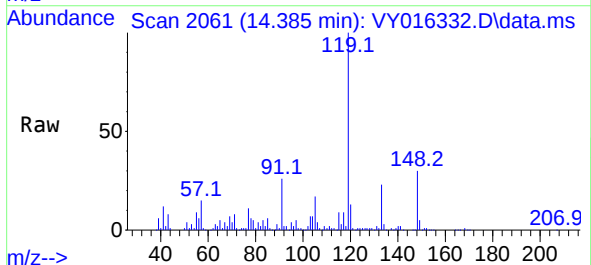
Instrument :
MSVOA_Y
ClientSampleId :

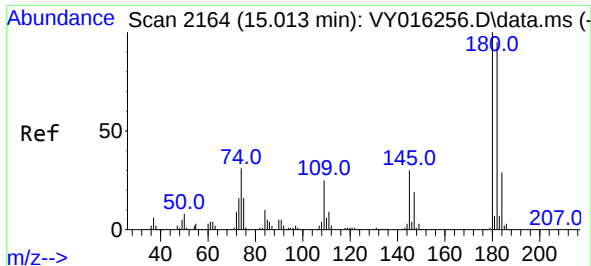
Tgt Ion:117 Resp: 55951
Ion Ratio Lower Upper
117 100
201 0.0 41.6 124.8#



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.923 ug/l
RT: 14.385 min Scan# 2061
Delta R.T. 0.018 min
Lab File: VY016332.D
Acq: 13 Nov 2023 18:53

Tgt Ion: 75 Resp: 962
Ion Ratio Lower Upper
75 100
155 10.9 41.5 124.6#
157 0.0 51.8 155.5#





#93

1,2,4-Trichlorobenzene

Concen: 1.149 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. -0.012 min

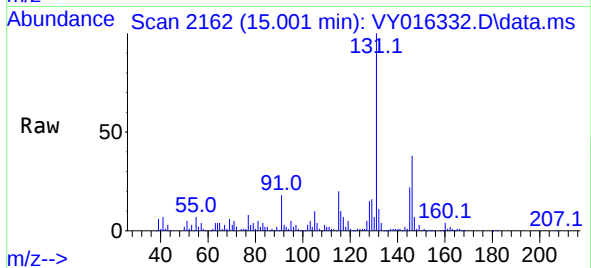
Lab File: VY016332.D

Acq: 13 Nov 2023 18:53

Instrument :

MSVOA_Y

ClientSampleId :



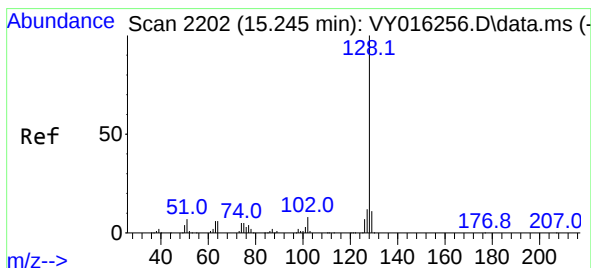
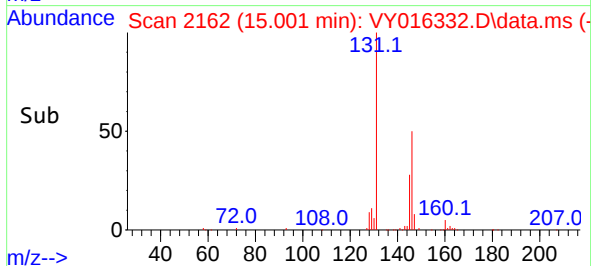
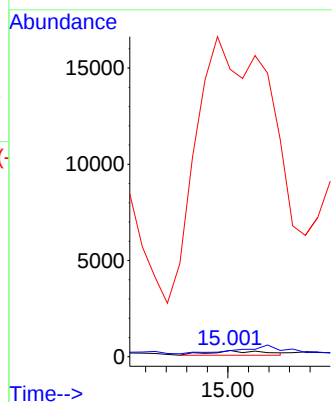
Tgt Ion:180 Resp: 450

Ion Ratio Lower Upper

180 100

182 0.0 47.0 141.2#

145 10484.7 14.5 43.5#



#95

Naphthalene

Concen: 261.021 ug/l

RT: 15.245 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY016332.D

Acq: 13 Nov 2023 18:53

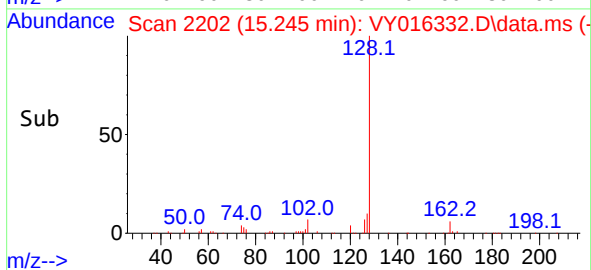
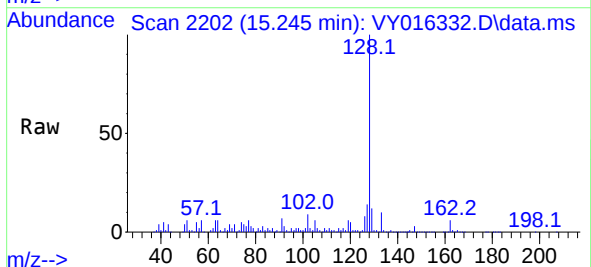
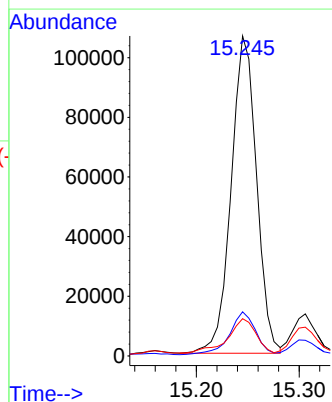
Tgt Ion:128 Resp: 182853

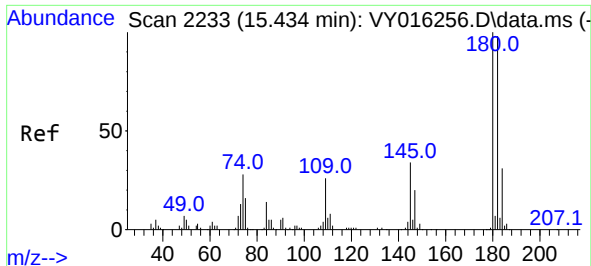
Ion Ratio Lower Upper

128 100

127 13.7 10.8 16.2

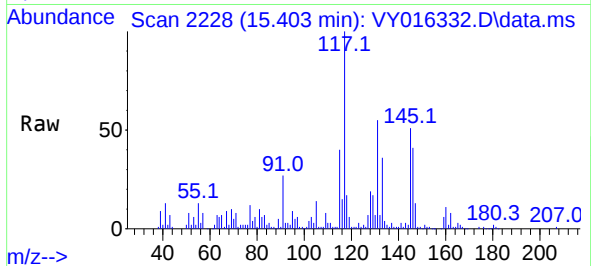
129 11.8 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 2.559 ug/l
 RT: 15.403 min Scan# 21
 Delta R.T. -0.031 min
 Lab File: VY016332.D
 Acq: 13 Nov 2023 18:53

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:180 Resp: 829
 Ion Ratio Lower Upper
 180 100
 182 21.4 47.3 141.8#
 145 2448.0 15.4 46.2#

