

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111122\
 Data File : VY011422.D
 Acq On : 11 Nov 2022 16:33
 Operator : KP/MD
 Sample : N5530-05RE
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-11RE

Quant Time: Nov 11 17:27:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 17:47:26 2022
 Response via : Initial Calibration

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

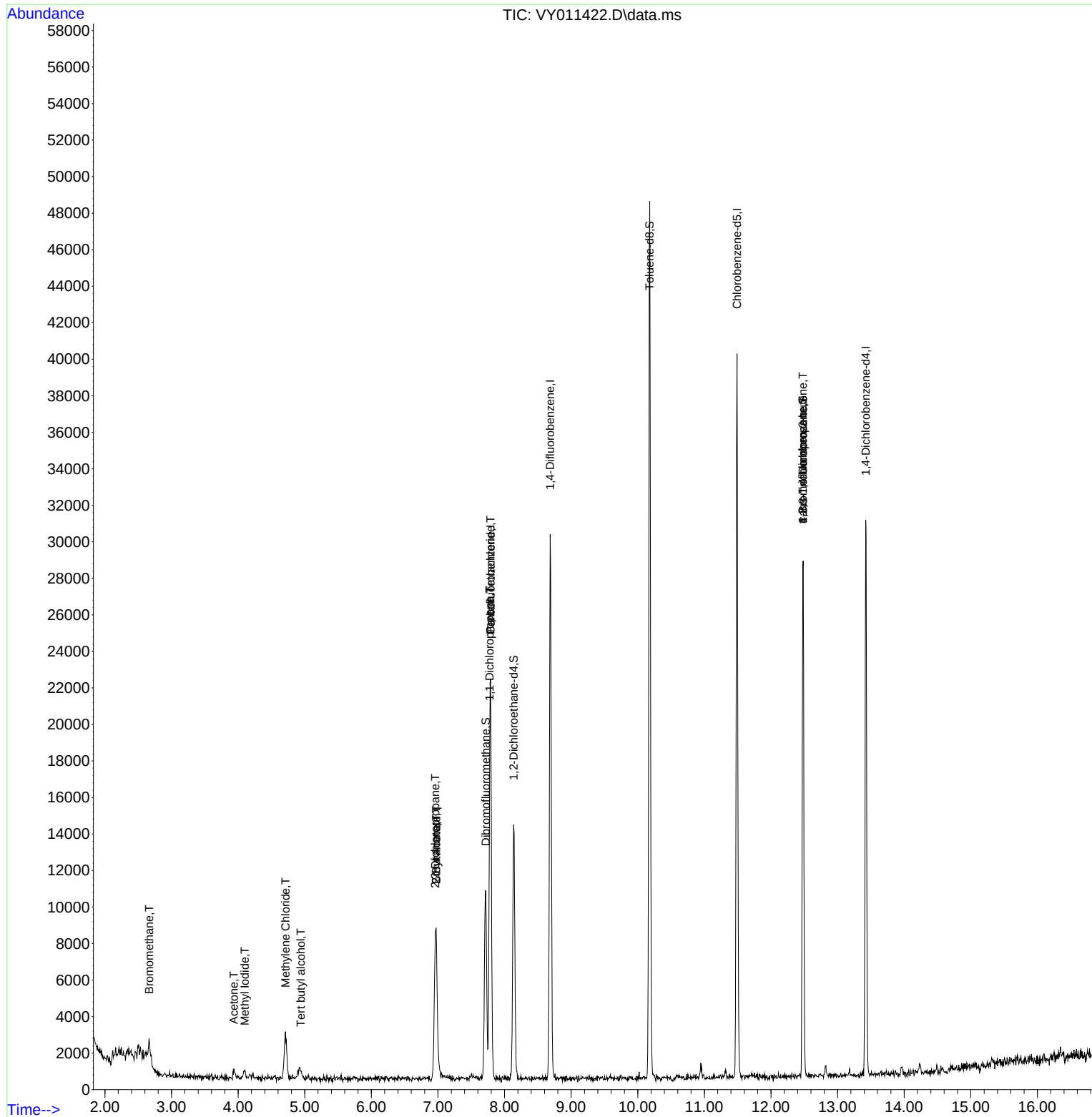
Internal Standards						
1) Pentafluorobenzene	7.789	168	18619	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	27220	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	23634	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	9039	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	11154	71.490	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 142.980%	
35) Dibromofluoromethane	7.716	113	7863	51.545	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.080%	
50) Toluene-d8	10.179	98	34355	58.951	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 117.900%	
62) 4-Bromofluorobenzene	12.477	95	9571	47.086	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 94.180%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.662	94	352	2.756	ug/l #	67
10) Methyl Iodide	4.101	142	750	3.333	ug/l #	52
11) Tert butyl alcohol	4.942	59	760	10.528	ug/l #	77
16) Acetone	3.936	43	699	16.978	ug/l #	26
20) Methylene Chloride	4.710	84	2052	1.973	ug/l	88
25) 2-Butanone	6.972	43	334	5.695	ug/l #	54
26) 2,2-Dichloropropane	6.960	77	744	2.539	ug/l #	55
36) 1,1-Dichloropropene	7.777	75	1348	5.693	ug/l #	49
37) Ethyl Acetate	6.972	43	334	2.937	ug/l #	1
38) Carbon Tetrachloride	7.789	117	1590	6.174	ug/l #	11
76) 1,2,3-Trichloropropane	12.477	75	4465	42.675	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	4465	102.577	ug/l #	7

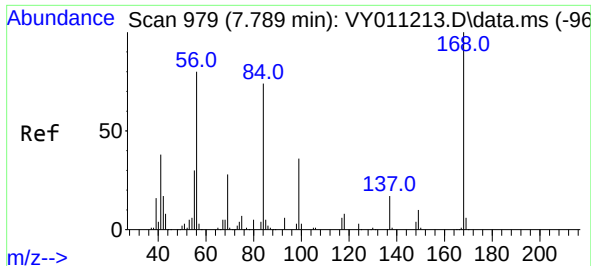
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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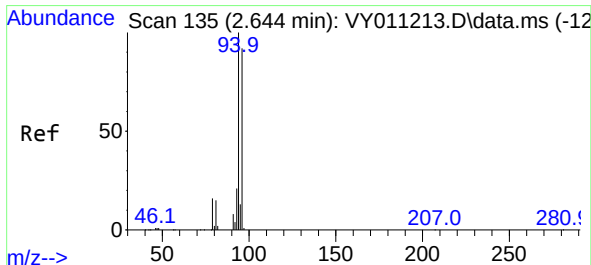
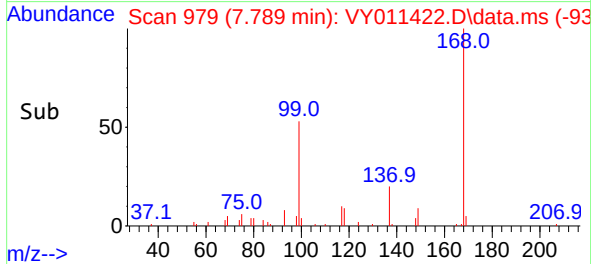
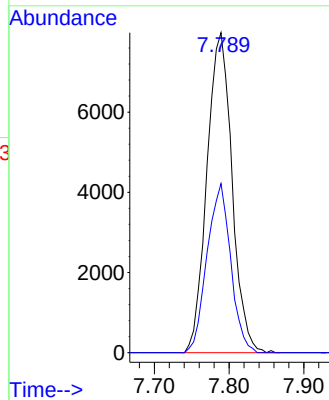
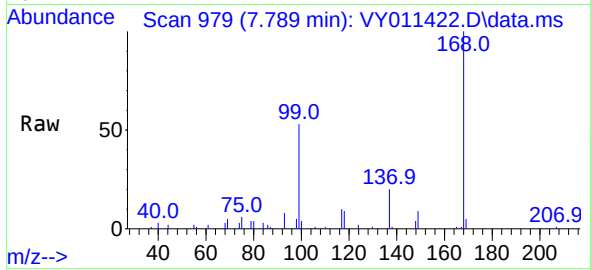




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011422.D
Acq: 11 Nov 2022 16:33

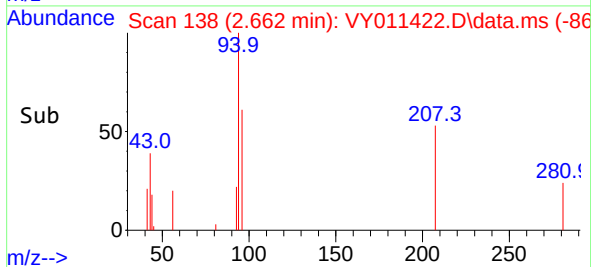
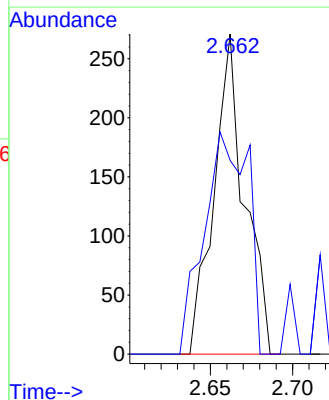
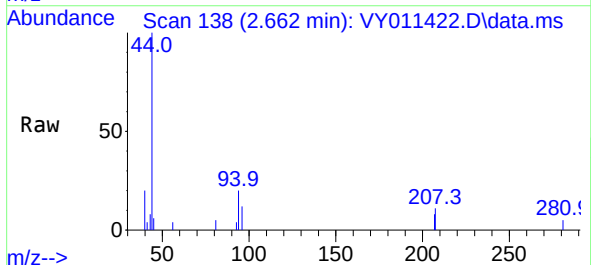
Instrument :
MSVOA_Y
ClientSampleId :
SB-11RE

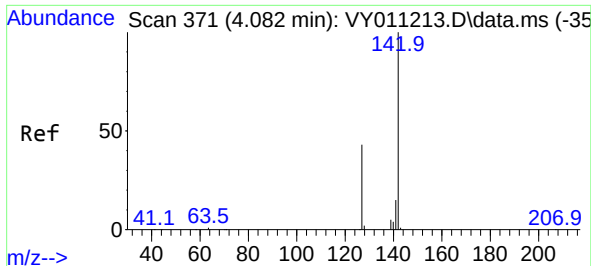
Tgt Ion:168 Resp: 18619
Ion Ratio Lower Upper
168 100
99 52.9 46.9 70.3



#5
Bromomethane
Concen: 2.756 ug/l
RT: 2.662 min Scan# 138
Delta R.T. 0.018 min
Lab File: VY011422.D
Acq: 11 Nov 2022 16:33

Tgt Ion: 94 Resp: 352
Ion Ratio Lower Upper
94 100
96 60.5 73.5 110.3#

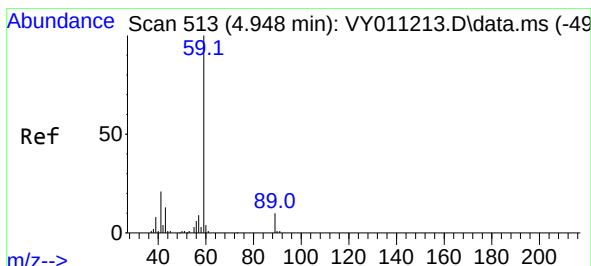
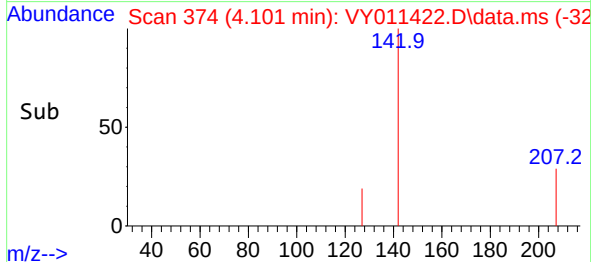
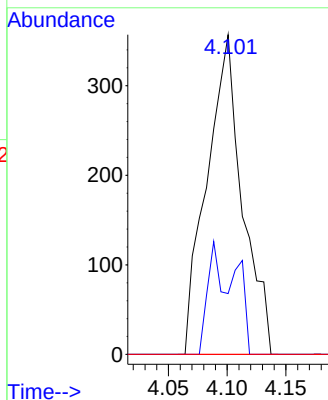
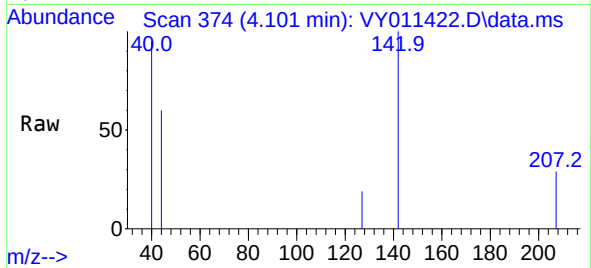




#10
Methyl Iodide
Concen: 3.333 ug/l
RT: 4.101 min Scan# 31
Delta R.T. 0.013 min
Lab File: VY011422.D
Acq: 11 Nov 2022 16:33

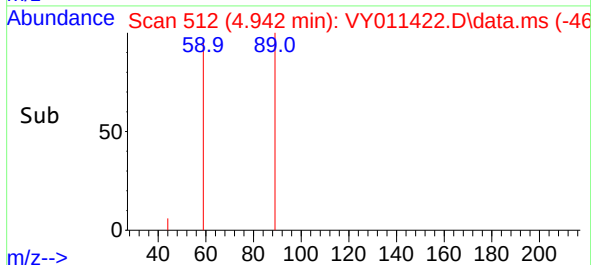
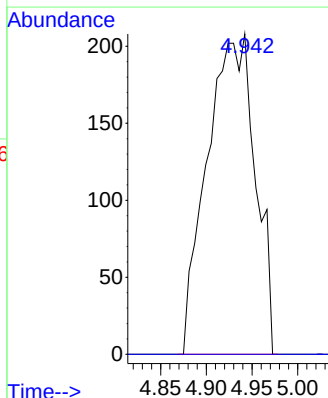
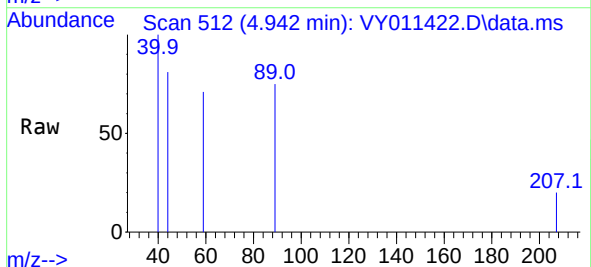
Instrument :
MSVOA_Y
ClientSampleId :
SB-11RE

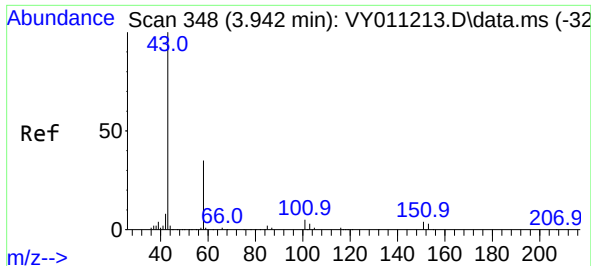
Tgt Ion:142 Resp: 750
Ion Ratio Lower Upper
142 100
127 16.1 41.5 62.3#
141 0.0 11.9 17.9#



#11
Tert butyl alcohol
Concen: 10.528 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.012 min
Lab File: VY011422.D
Acq: 11 Nov 2022 16:33

Tgt Ion: 59 Resp: 760
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

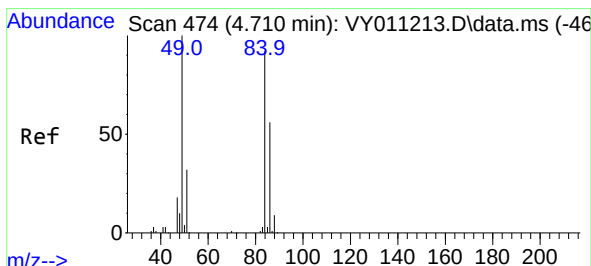
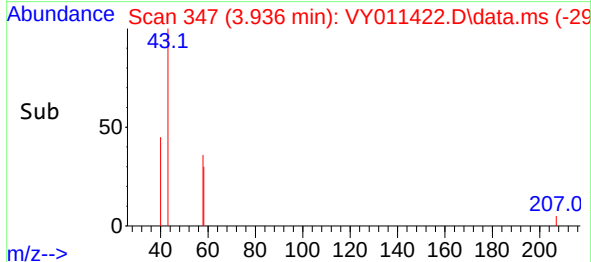
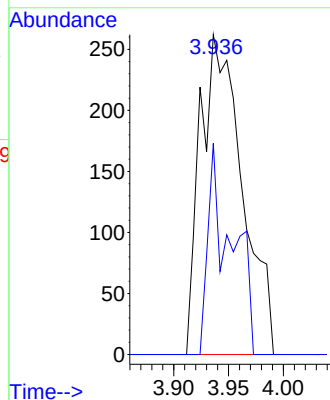
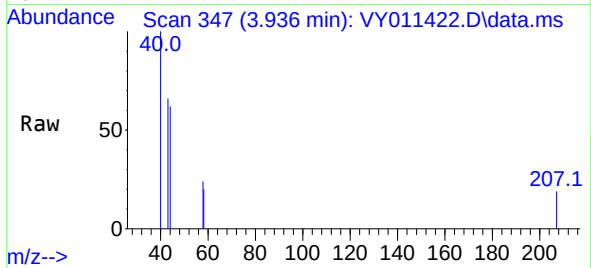




#16
Acetone
Concen: 16.978 ug/l
RT: 3.936 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY011422.D
Acq: 11 Nov 2022 16:33

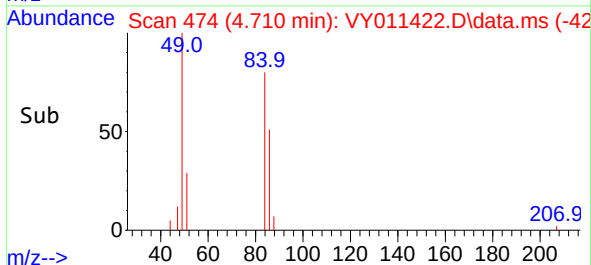
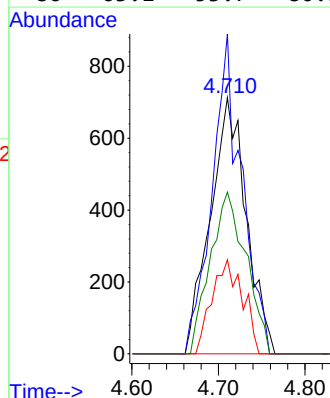
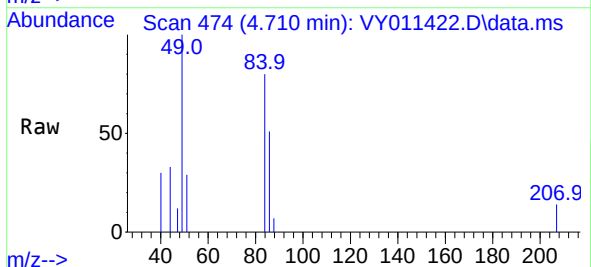
Instrument :
MSVOA_Y
ClientSampleId :
SB-11RE

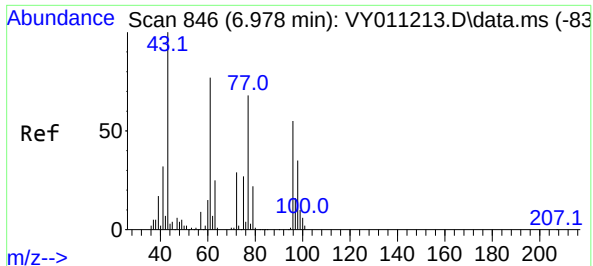
Tgt Ion: 43 Resp: 699
Ion Ratio Lower Upper
43 100
58 66.0 22.0 33.0#



#20
Methylene Chloride
Concen: 1.973 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY011422.D
Acq: 11 Nov 2022 16:33

Tgt Ion: 84 Resp: 2052
Ion Ratio Lower Upper
84 100
49 124.8 114.4 171.6
51 36.7 35.3 52.9
86 63.1 53.7 80.5





#25

2-Butanone

Concen: 5.695 ug/l

RT: 6.972 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY011422.D

Acq: 11 Nov 2022 16:33

Instrument :

MSVOA_Y

ClientSampleId :

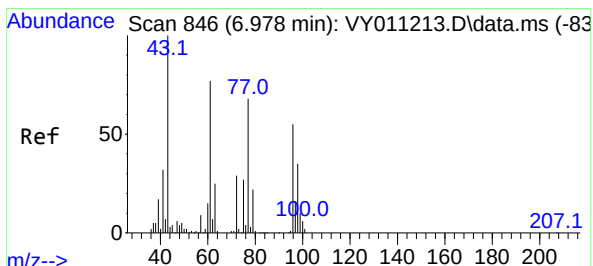
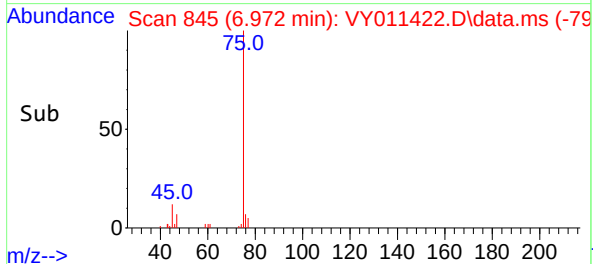
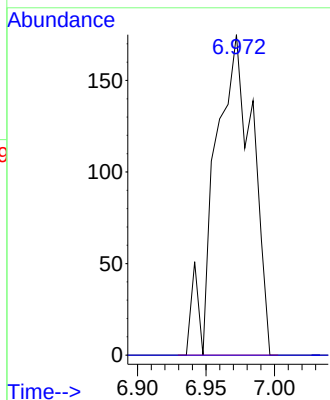
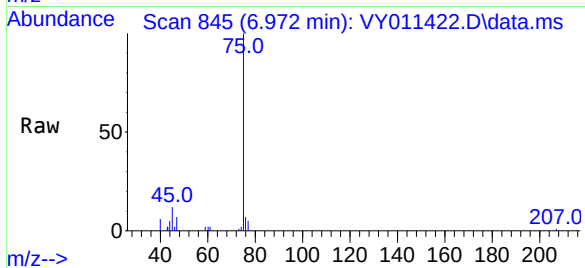
SB-11RE

Tgt Ion: 43 Resp: 334

Ion Ratio Lower Upper

43 100

72 0.0 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 2.539 ug/l

RT: 6.960 min Scan# 843

Delta R.T. -0.018 min

Lab File: VY011422.D

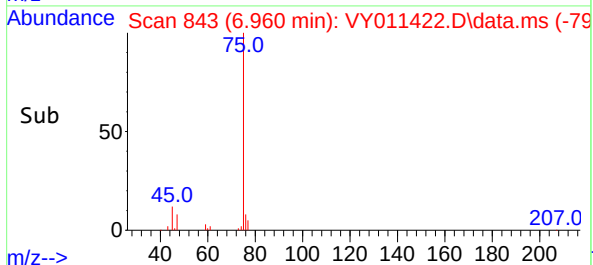
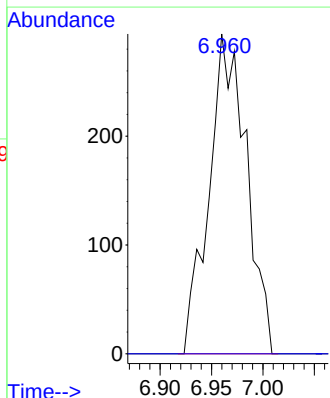
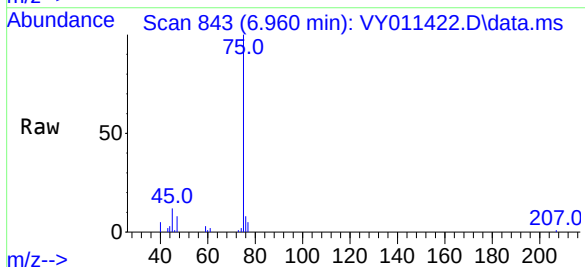
Acq: 11 Nov 2022 16:33

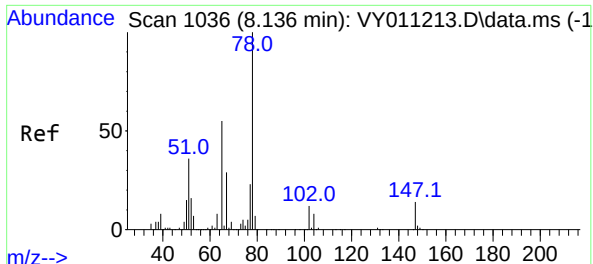
Tgt Ion: 77 Resp: 744

Ion Ratio Lower Upper

77 100

97 0.0 10.4 31.4#

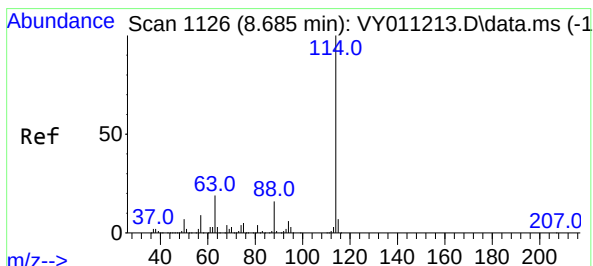
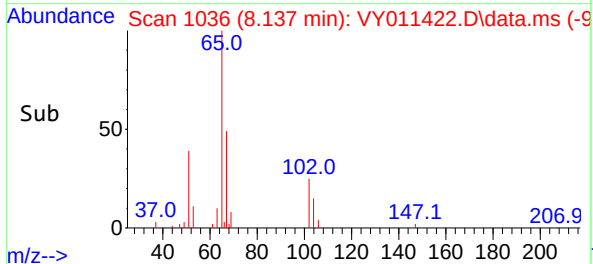
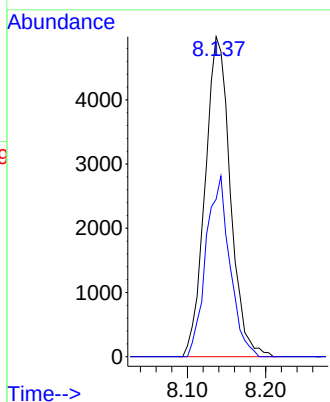
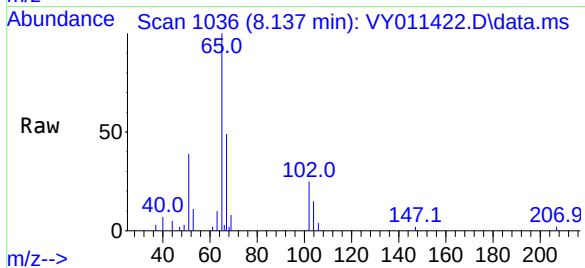




#33
 1,2-Dichloroethane-d4
 Concen: 71.490 ug/l
 RT: 8.137 min Scan# 11036
 Delta R.T. 0.001 min
 Lab File: VY011422.D
 Acq: 11 Nov 2022 16:33

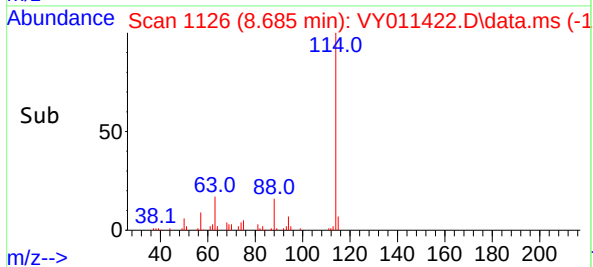
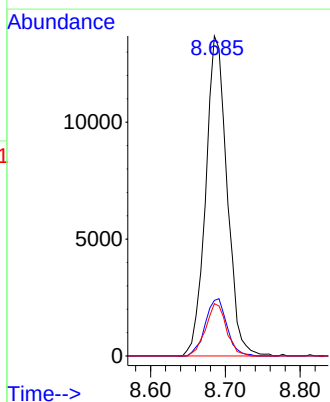
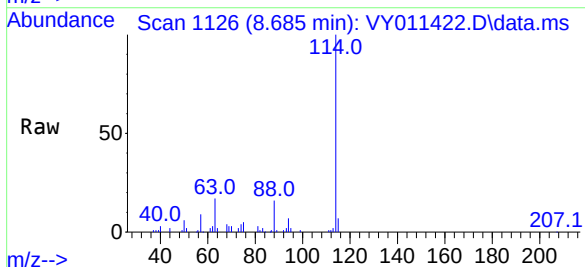
Instrument :
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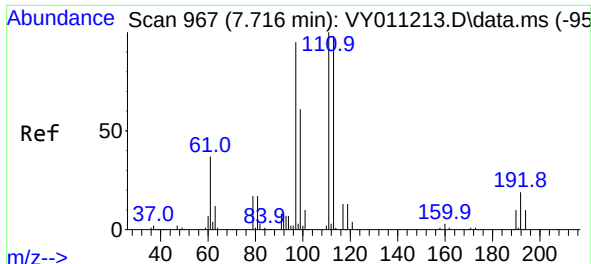
Tgt Ion: 65 Resp: 11154
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY011422.D
 Acq: 11 Nov 2022 16:33

Tgt Ion:114 Resp: 27220
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 43.2
 88 16.4 0.0 31.8

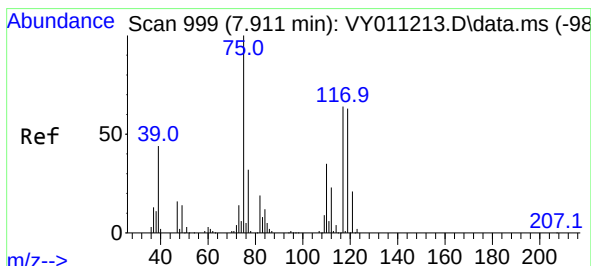
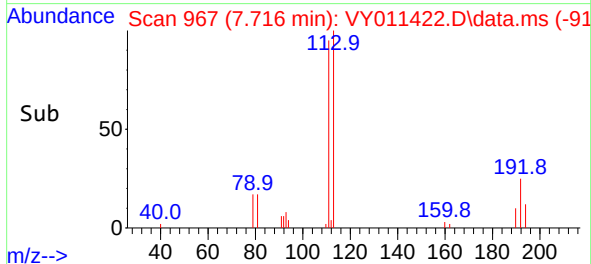
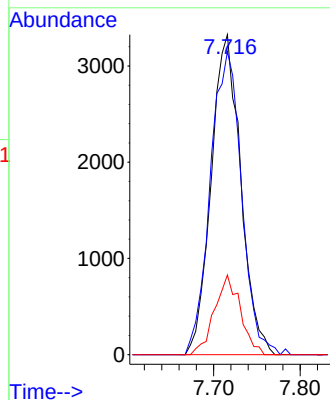
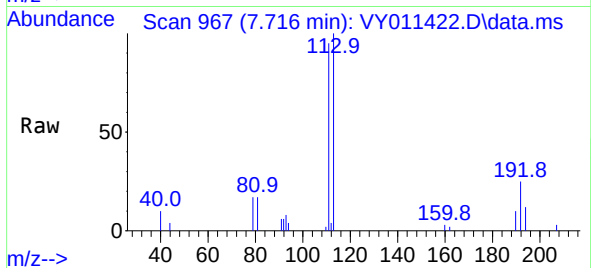




#35
Dibromofluoromethane
Concen: 51.545 ug/l
RT: 7.716 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY011422.D
Acq: 11 Nov 2022 16:33

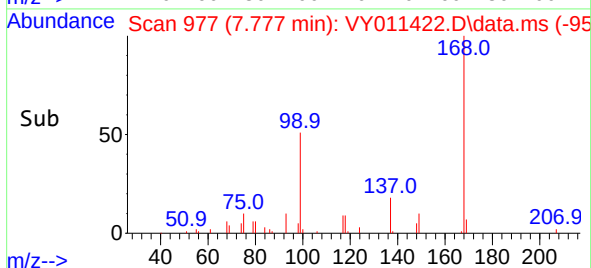
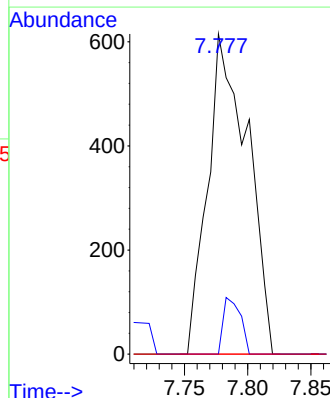
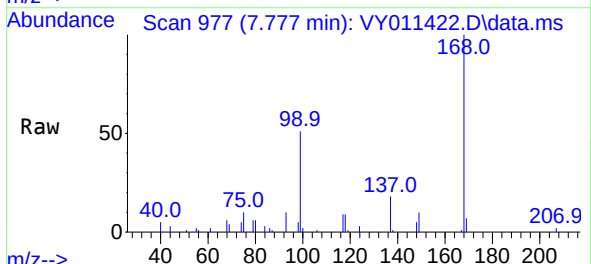
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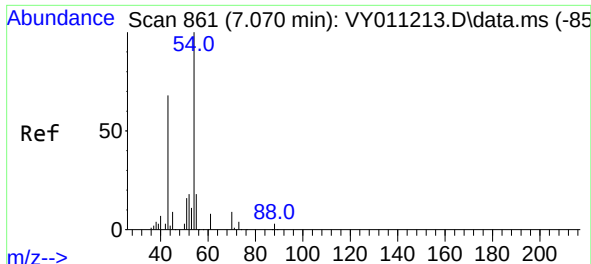
Tgt Ion:113 Resp: 7863
Ion Ratio Lower Upper
113 100
111 100.5 82.6 124.0
192 21.8 17.6 26.4



#36
1,1-Dichloropropene
Concen: 5.693 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.140 min
Lab File: VY011422.D
Acq: 11 Nov 2022 16:33

Tgt Ion: 75 Resp: 1348
Ion Ratio Lower Upper
75 100
110 7.6 17.1 51.2#
77 0.0 24.4 36.6#

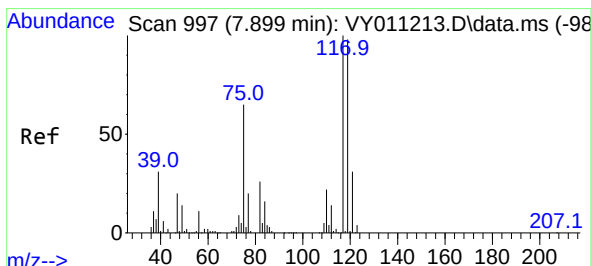
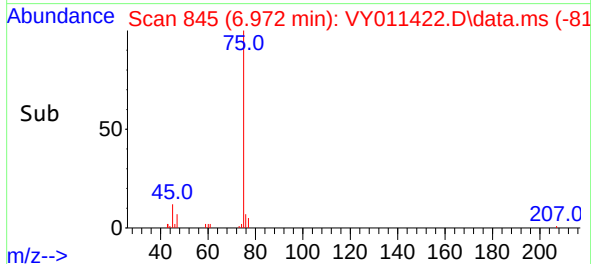
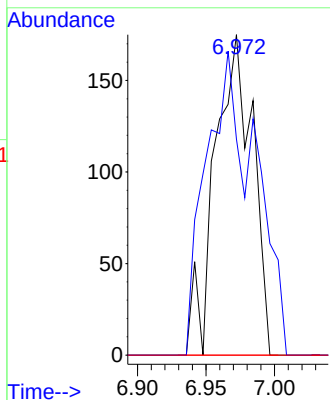
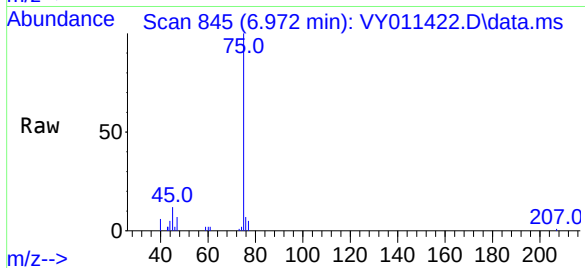




#37
Ethyl Acetate
Concen: 2.937 ug/l
RT: 6.972 min Scan# 84
Delta R.T. -0.098 min
Lab File: VY011422.D
Acq: 11 Nov 2022 16:33

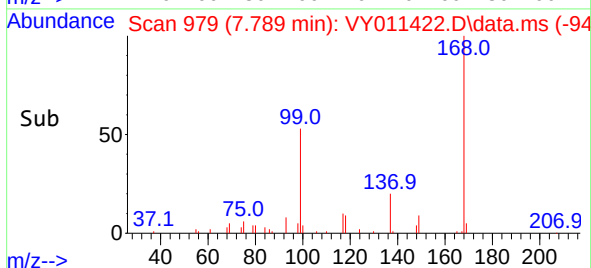
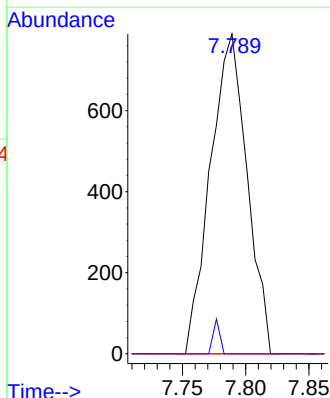
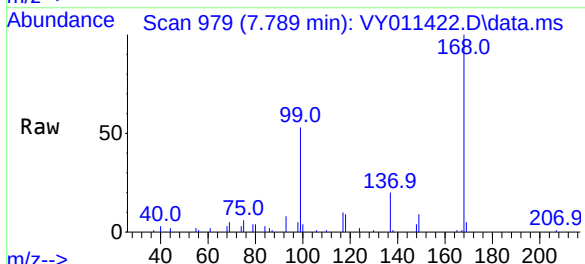
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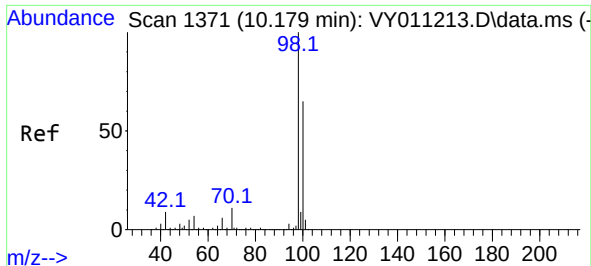
Tgt Ion: 43 Resp: 334
Ion Ratio Lower Upper
43 100
61 86.2 9.7 14.5#
70 0.0 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 6.174 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY011422.D
Acq: 11 Nov 2022 16:33

Tgt Ion: 117 Resp: 1590
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#

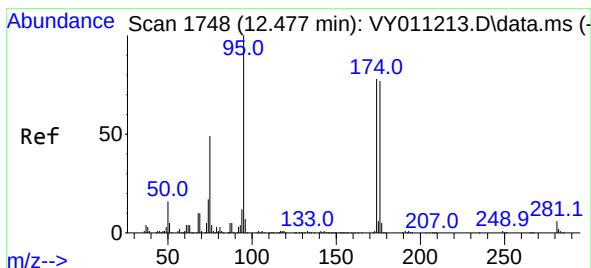
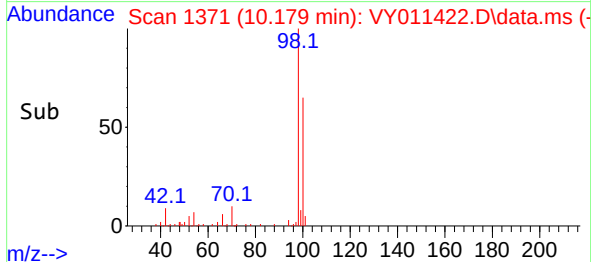
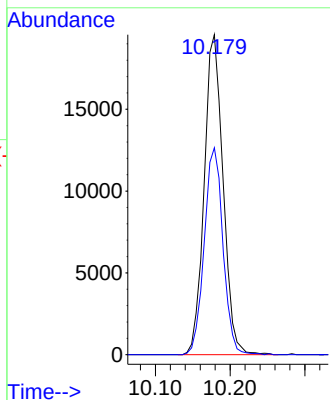
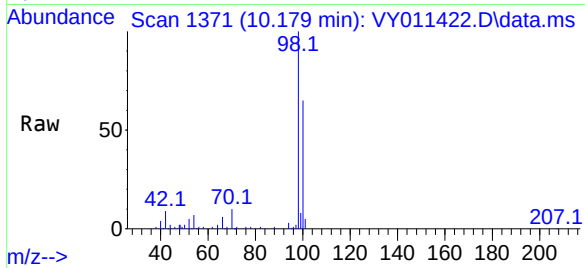




#50
Toluene-d8
Concen: 58.951 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011422.D
Acq: 11 Nov 2022 16:33

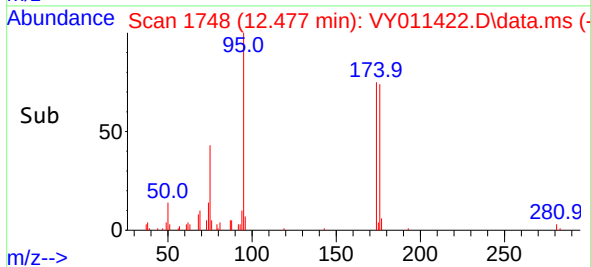
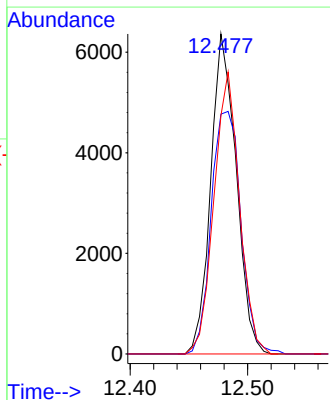
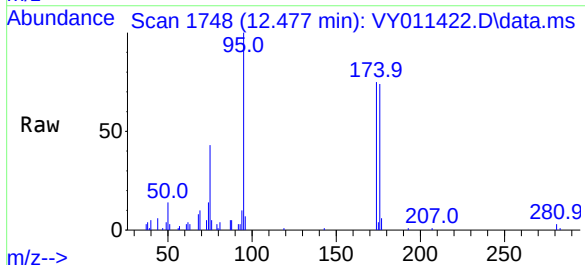
Instrument :
MSVOA_Y
ClientSampleId :
SB-11RE

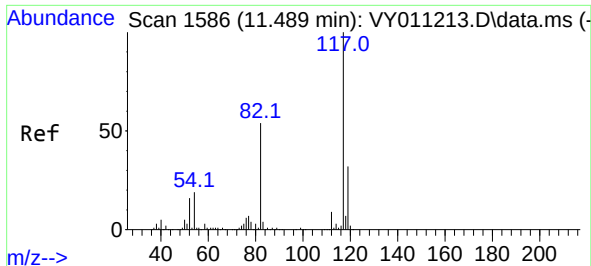
Tgt Ion: 98 Resp: 34355
Ion Ratio Lower Upper
98 100
100 64.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 47.086 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011422.D
Acq: 11 Nov 2022 16:33

Tgt Ion: 95 Resp: 9571
Ion Ratio Lower Upper
95 100
174 88.6 0.0 177.0
176 88.5 0.0 175.8

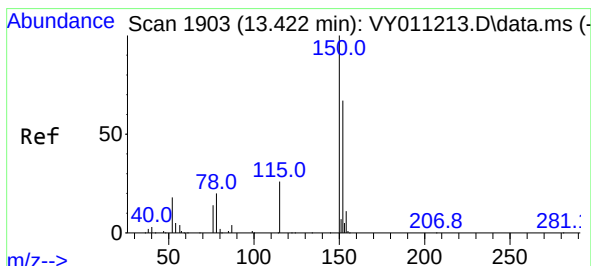
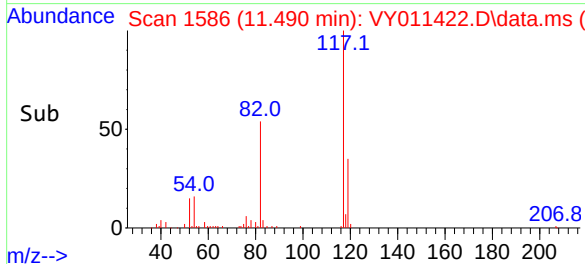
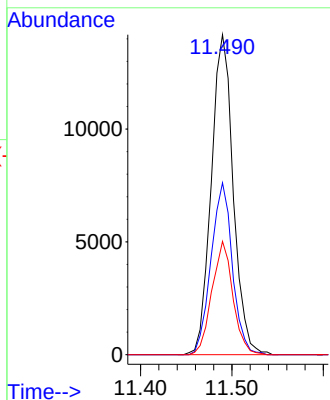
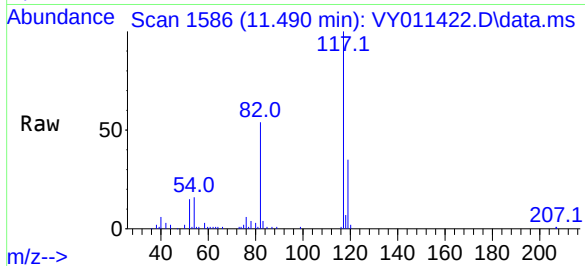




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011422.D
Acq: 11 Nov 2022 16:33

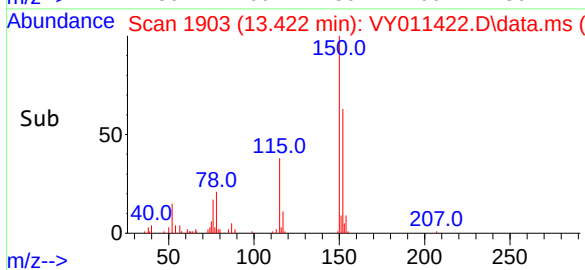
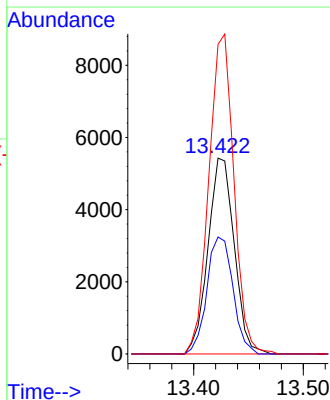
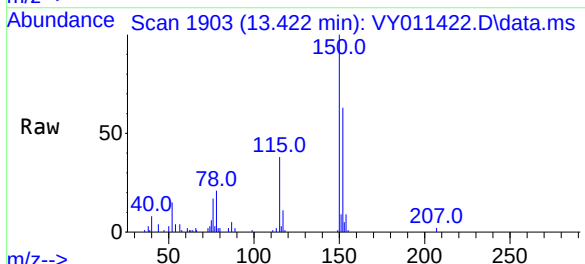
Instrument :
MSVOA_Y
ClientSampleId :
SB-11RE

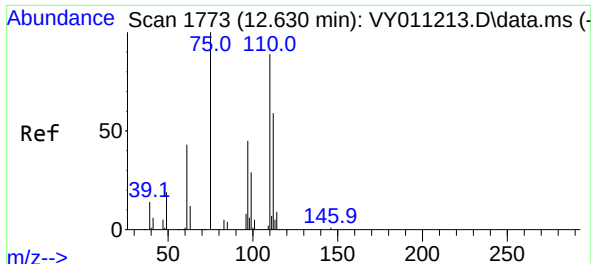
Tgt Ion:117 Resp: 23634
Ion Ratio Lower Upper
117 100
82 53.7 43.0 64.4
119 35.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY011422.D
Acq: 11 Nov 2022 16:33

Tgt Ion:152 Resp: 9039
Ion Ratio Lower Upper
152 100
115 59.2 28.2 84.7
150 155.7 0.0 347.6

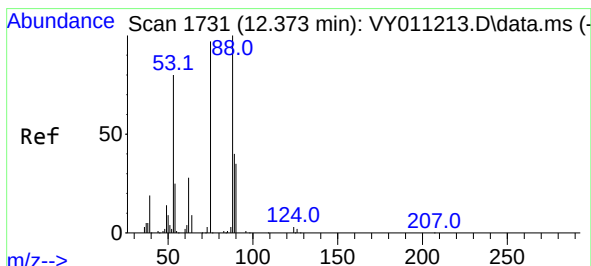
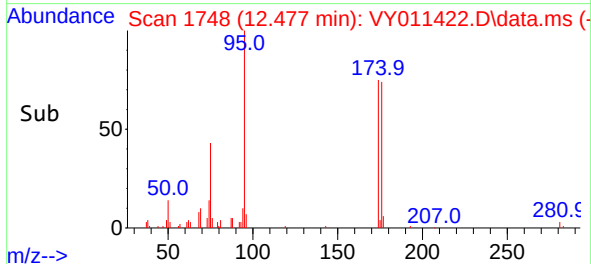
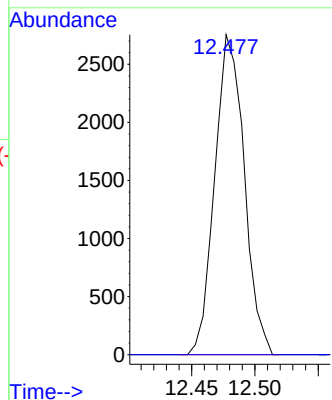
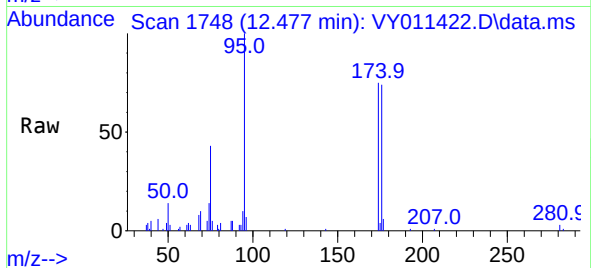




#76
1,2,3-Trichloropropane
Concen: 42.675 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY011422.D
Acq: 11 Nov 2022 16:33

Instrument :
MSVOA_Y
ClientSampleId :
SB-11RE

Tgt Ion: 75 Resp: 4465
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 102.577 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY011422.D
Acq: 11 Nov 2022 16:33

Tgt Ion: 75 Resp: 4465
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

