

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012523\
 Data File : VY012362.D
 Acq On : 25 Jan 2023 17:28
 Operator : KP/MD
 Sample : 01243-05RE
 Misc : 6.19g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jan 26 04:10:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

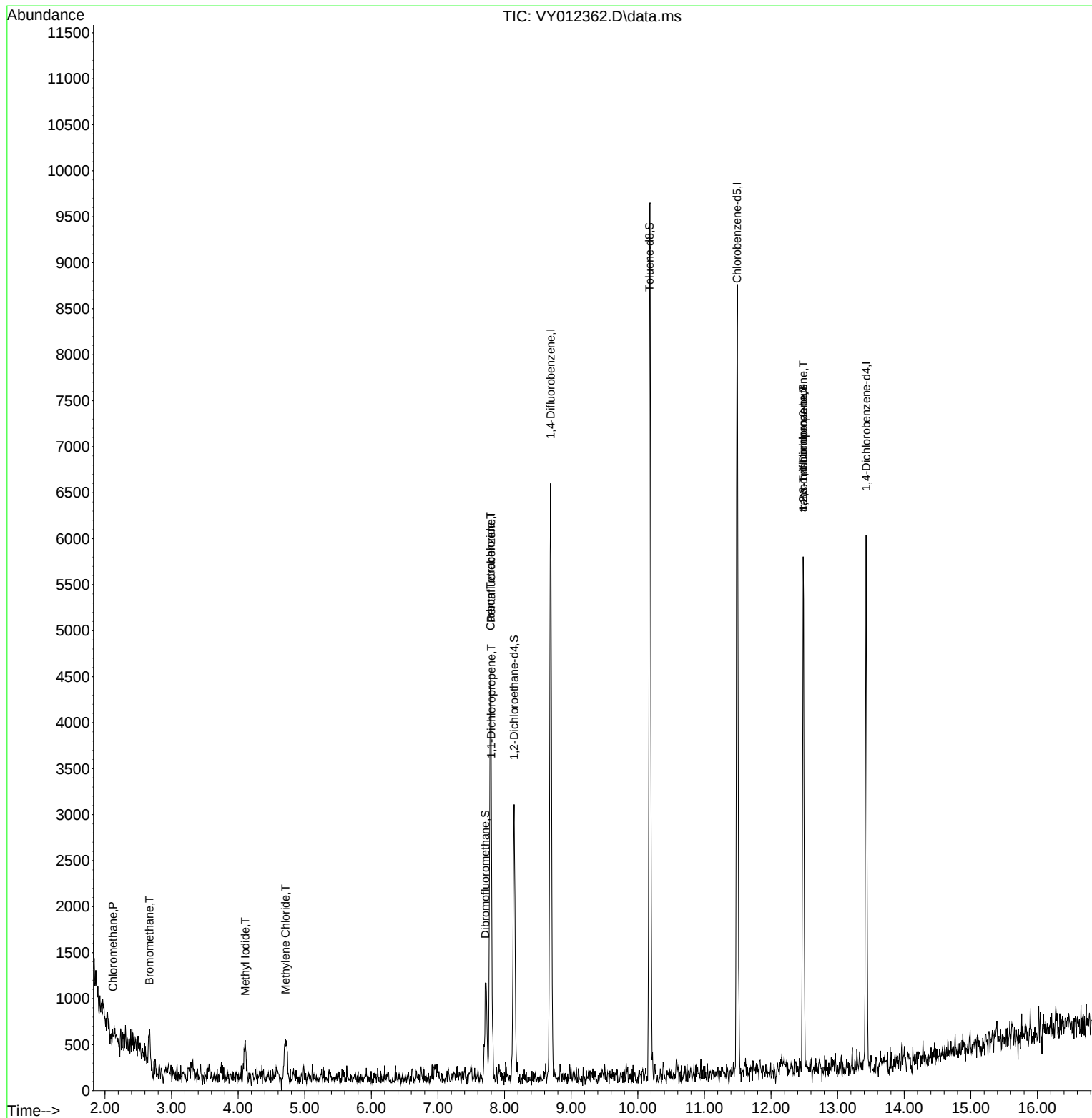
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.795	168	3893	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	6188	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	5820	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	1584	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	2896	93.139	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 186.280%#	
35) Dibromofluoromethane	7.710	113	974	29.726	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 59.460%	
50) Toluene-d8	10.179	98	7187	64.569	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 129.140%	
62) 4-Bromofluorobenzene	12.483	95	1970	42.651	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 85.300%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	111	3.534	ug/l #	41
5) Bromomethane	2.668	94	234	8.256	ug/l #	60
10) Methyl Iodide	4.107	142	620	11.716	ug/l #	82
20) Methylene Chloride	4.710	84	465	2.738	ug/l #	57
36) 1,1-Dichloropropene	7.801	75	262	4.705	ug/l #	41
38) Carbon Tetrachloride	7.789	117	421	5.854	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	824	56.572	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	824	116.564	ug/l #	13

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

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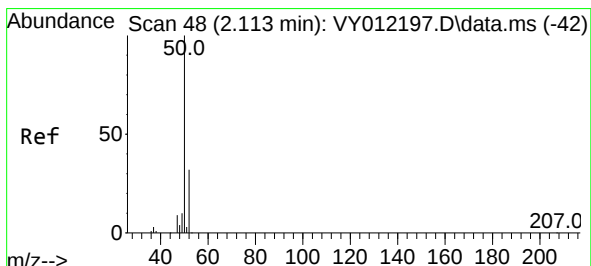
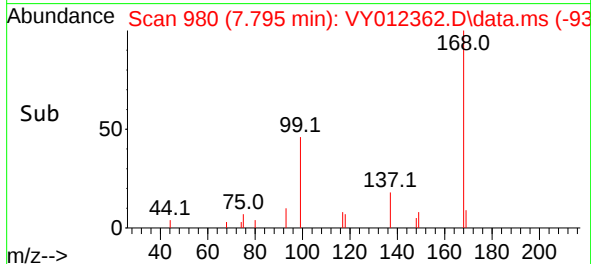
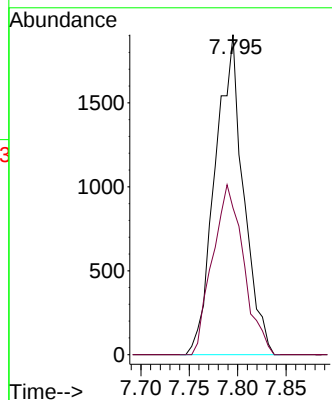
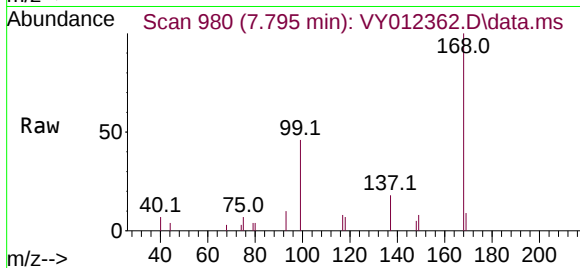
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Quant Title : SW846 8260
QLast Update : Tue Jan 17 04:31:47 2023
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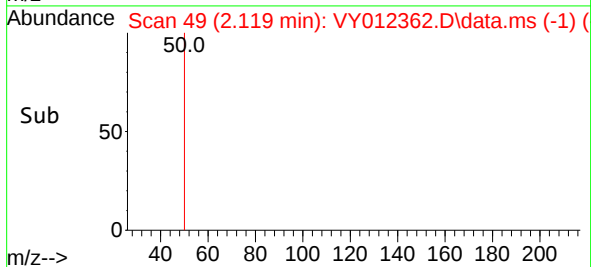
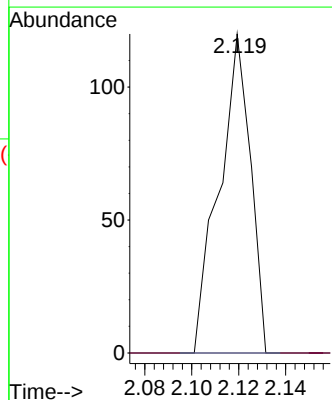
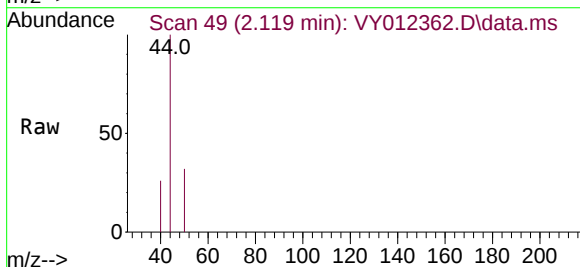
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY012362.D
Acq: 25 Jan 2023 17:28

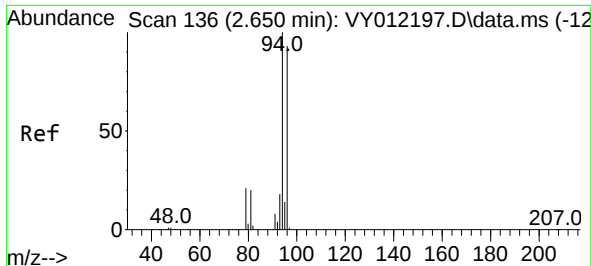
Tgt Ion: 168 Resp: 3893
Ion Ratio Lower Upper
168 100
99 45.9 44.0 66.0



#3
Chloromethane
Concen: 3.534 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY012362.D
Acq: 25 Jan 2023 17:28

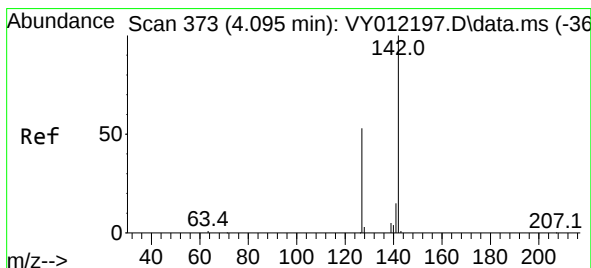
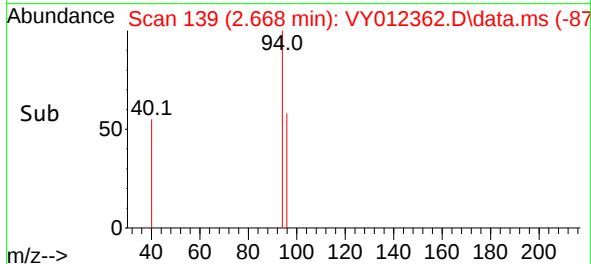
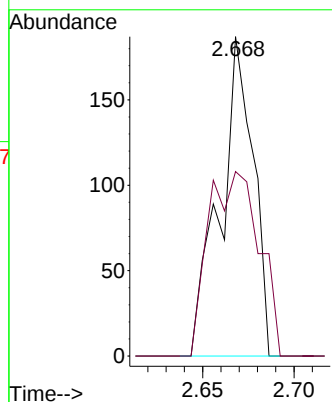
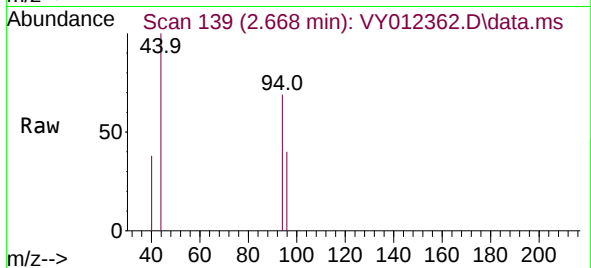
Tgt Ion: 50 Resp: 111
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#





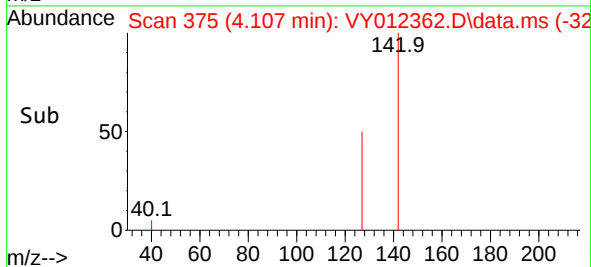
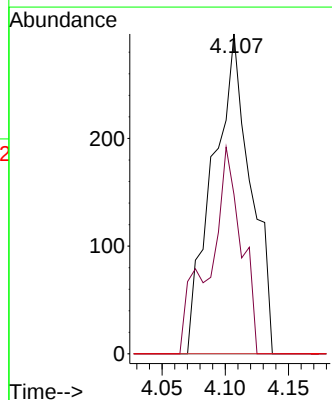
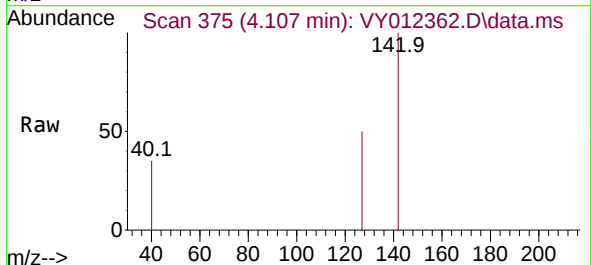
#5
Bromomethane
Concen: 8.256 ug/l
RT: 2.668 min Scan# 139
Delta R.T. 0.018 min
Lab File: VY012362.D
Acq: 25 Jan 2023 17:28

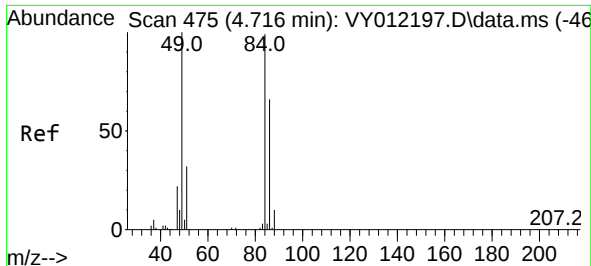
Tgt Ion: 94 Resp: 234
Ion Ratio Lower Upper
94 100
96 57.8 77.4 116.2#



#10
Methyl Iodide
Concen: 11.716 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.012 min
Lab File: VY012362.D
Acq: 25 Jan 2023 17:28

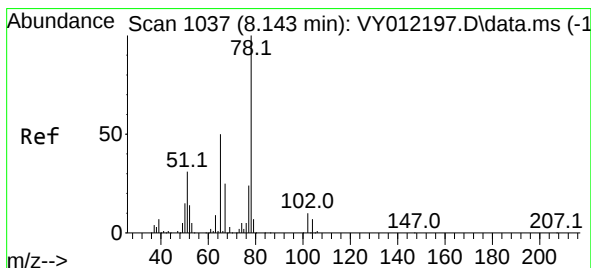
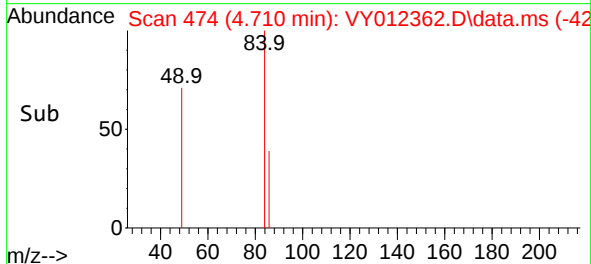
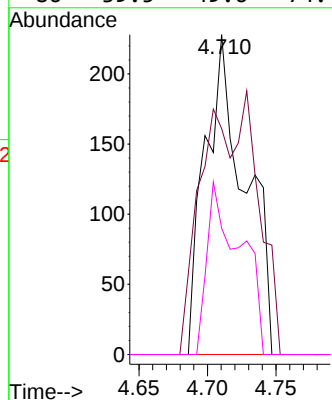
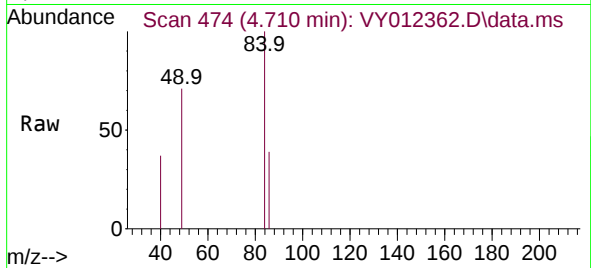
Tgt Ion:142 Resp: 620
Ion Ratio Lower Upper
142 100
127 54.5 37.0 55.4
141 0.0 11.4 17.0#





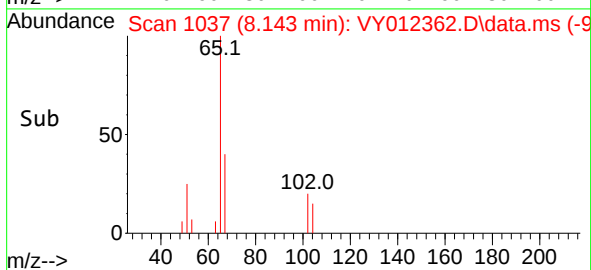
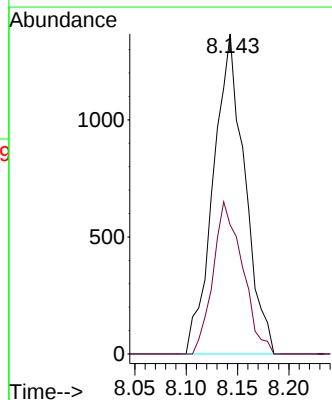
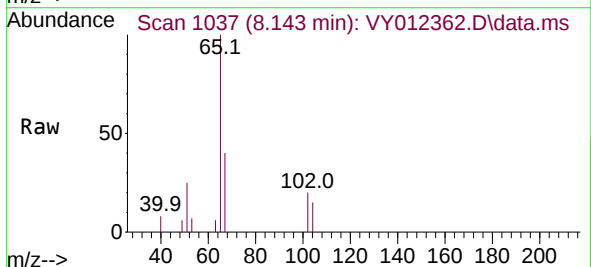
#20
Methylene Chloride
Concen: 2.738 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY012362.D
Acq: 25 Jan 2023 17:28

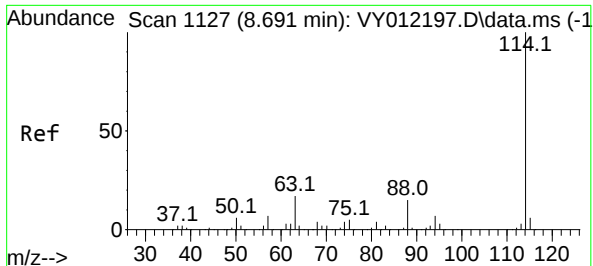
Tgt Ion: 84	Resp: 465
Ion Ratio	Lower Upper
84 100	
49 70.6	95.4 143.2#
51 0.0	29.9 44.9#
86 39.5	49.6 74.4#



#33
1,2-Dichloroethane-d4
Concen: 93.139 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012362.D
Acq: 25 Jan 2023 17:28

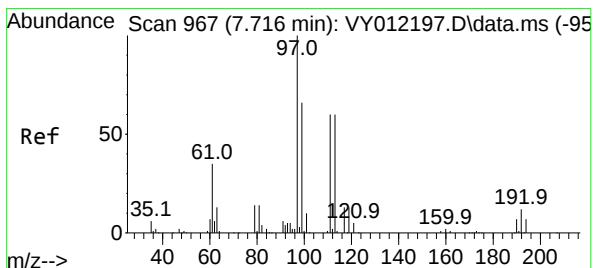
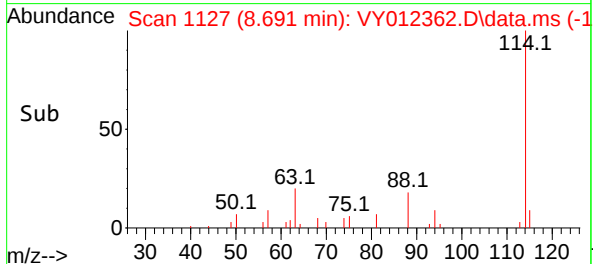
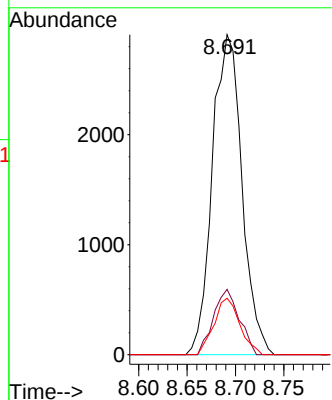
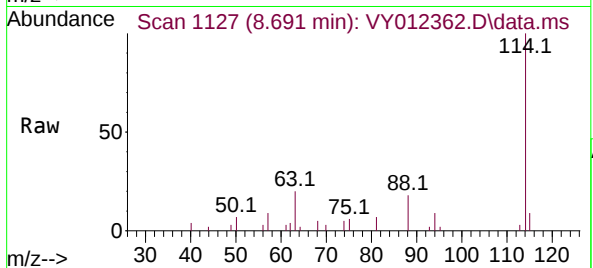
Tgt Ion: 65	Resp: 2896
Ion Ratio	Lower Upper
65 100	
67 44.9	0.0 103.2





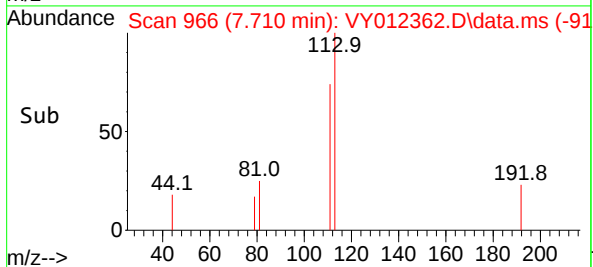
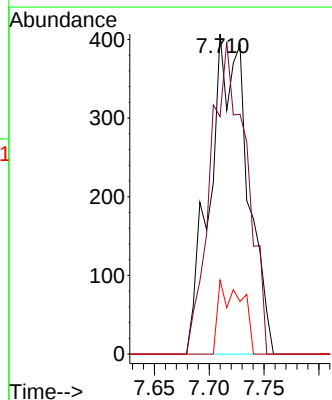
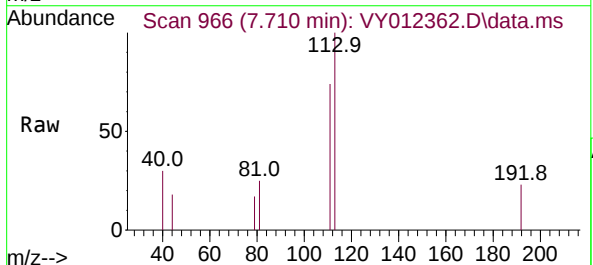
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY012362.D
Acq: 25 Jan 2023 17:28

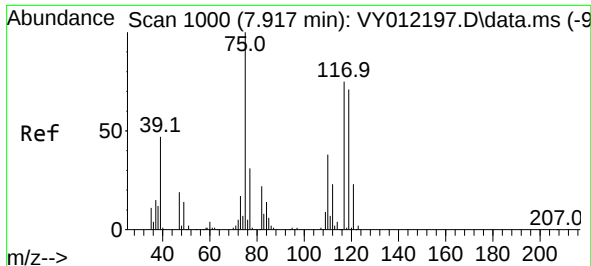
Tgt Ion:114 Resp: 6188
Ion Ratio Lower Upper
114 100
63 20.4 0.0 39.6
88 17.7 0.0 32.2



#35
Dibromofluoromethane
Concen: 29.726 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY012362.D
Acq: 25 Jan 2023 17:28

Tgt Ion:113 Resp: 974
Ion Ratio Lower Upper
113 100
111 92.7 83.0 124.4
192 14.2 16.0 24.0#





#36

1,1-Dichloropropene

Concen: 4.705 ug/l

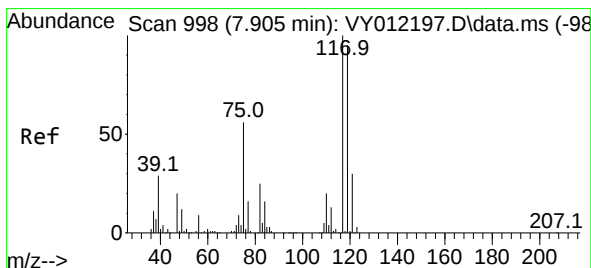
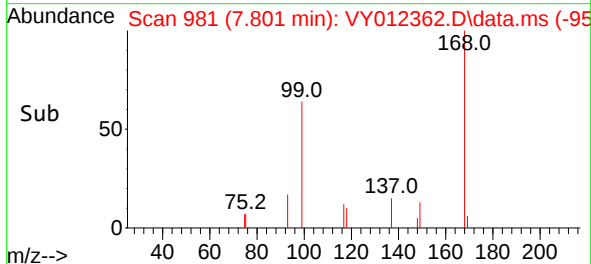
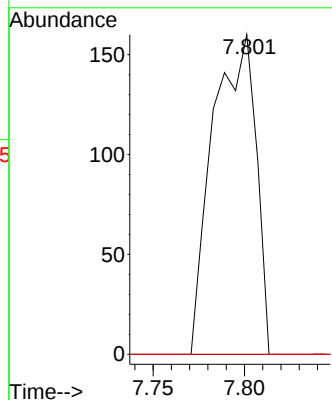
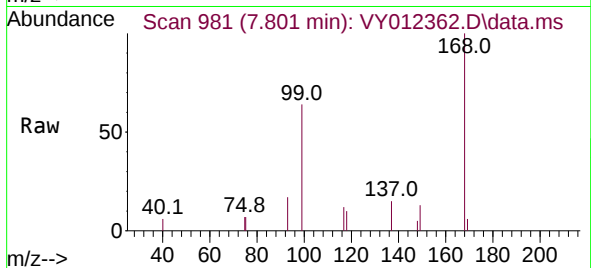
RT: 7.801 min Scan# 981

Delta R.T. -0.116 min

Lab File: VY012362.D

Acq: 25 Jan 2023 17:28

Tgt Ion: 75	Resp:	262
Ion Ratio	Lower	Upper
75	100	
110	0.0	18.1 54.1#
77	0.0	25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.854 ug/l

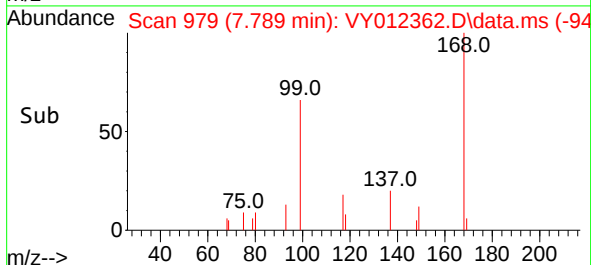
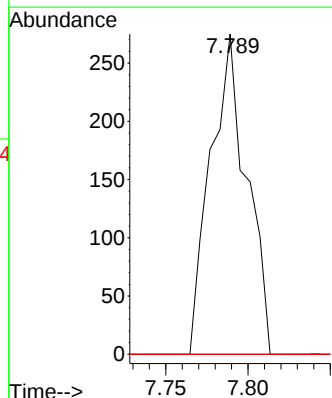
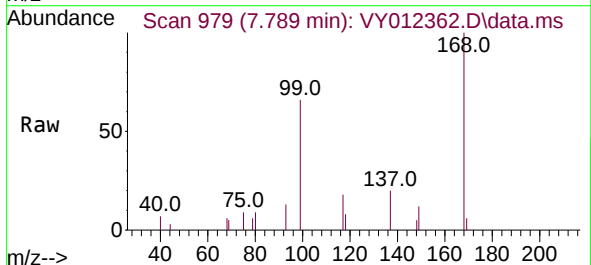
RT: 7.789 min Scan# 979

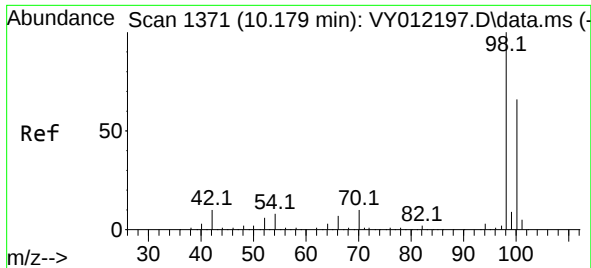
Delta R.T. -0.110 min

Lab File: VY012362.D

Acq: 25 Jan 2023 17:28

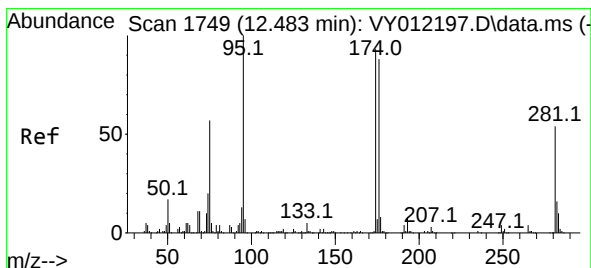
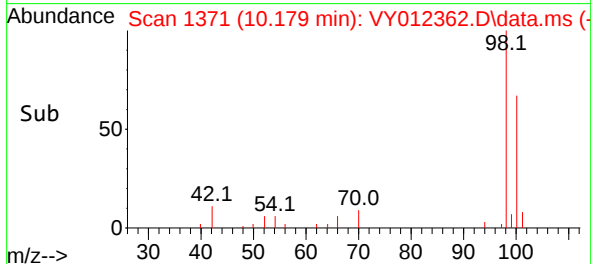
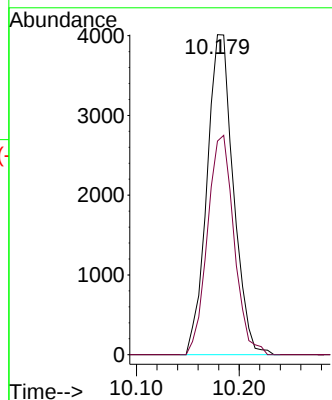
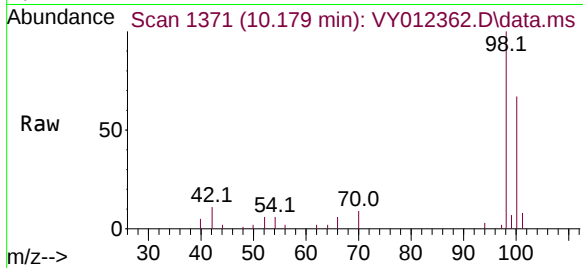
Tgt Ion: 117	Resp:	421
Ion Ratio	Lower	Upper
117	100	
119	0.0	73.8 110.8#
121	0.0	25.2 37.8#





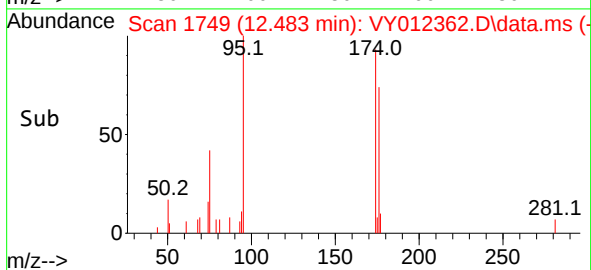
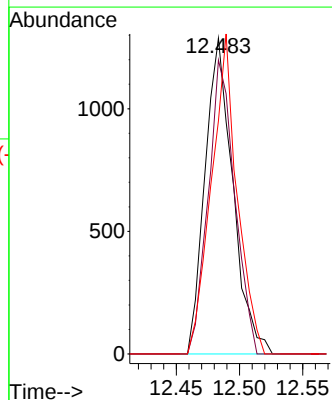
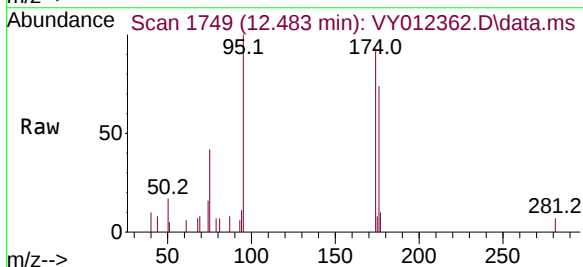
#50
Toluene-d8
Concen: 64.569 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012362.D
Acq: 25 Jan 2023 17:28

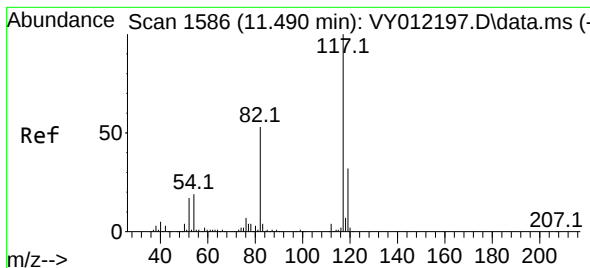
Tgt Ion: 98 Resp: 7187
Ion Ratio Lower Upper
98 100
100 68.8 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 42.651 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012362.D
Acq: 25 Jan 2023 17:28

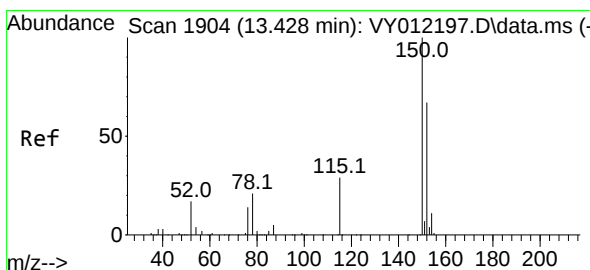
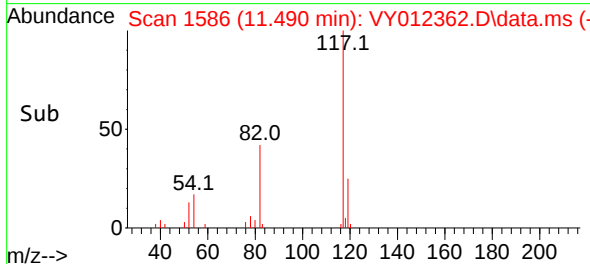
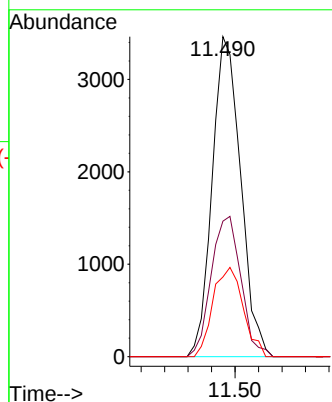
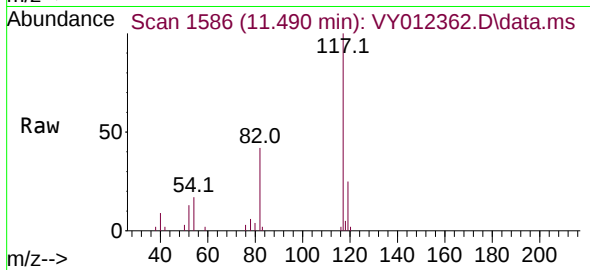
Tgt Ion: 95 Resp: 1970
Ion Ratio Lower Upper
95 100
174 88.9 0.0 172.0
176 93.9 0.0 167.6





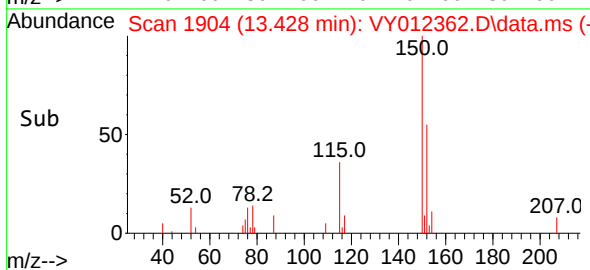
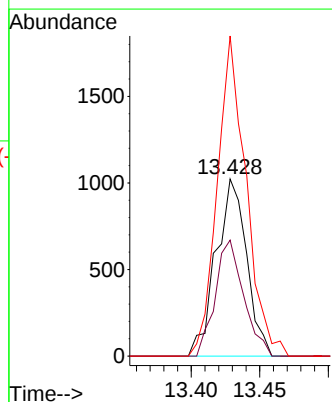
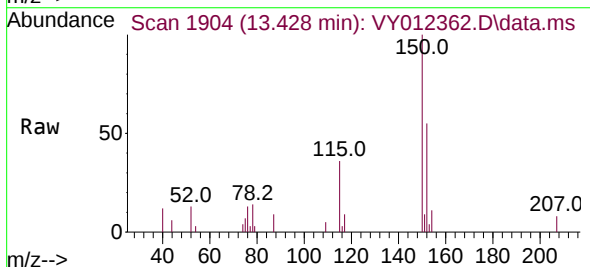
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY012362.D
Acq: 25 Jan 2023 17:28

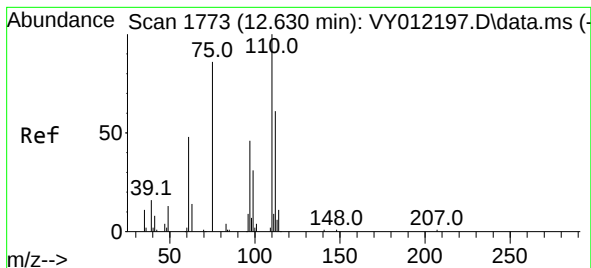
Tgt Ion:117	Resp:	5820
Ion Ratio	Lower	Upper
117	100	
82	42.4	44.8 67.2#
119	24.9	25.4 38.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012362.D
Acq: 25 Jan 2023 17:28

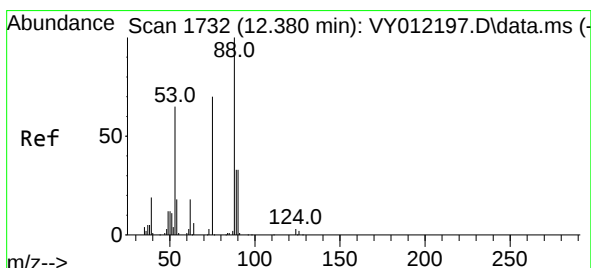
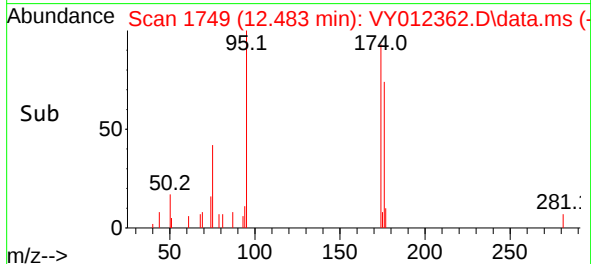
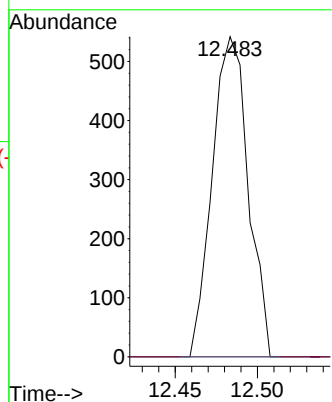
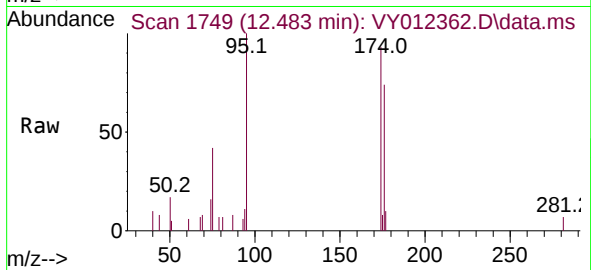
Tgt Ion:152	Resp:	1584
Ion Ratio	Lower	Upper
152	100	
115	60.9	29.1 87.3
150	170.9	0.0 342.6





#76
1,2,3-Trichloropropane
Concen: 56.572 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY012362.D
Acq: 25 Jan 2023 17:28

Tgt Ion: 75 Resp: 824
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 116.564 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY012362.D
Acq: 25 Jan 2023 17:28

Tgt Ion: 75 Resp: 824
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.0 37.0 55.4#

