

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112322\
 Data File : VY011575.D
 Acq On : 23 Nov 2022 15:11
 Operator : KP/MD
 Sample : N5766-03
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 24 00:38:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

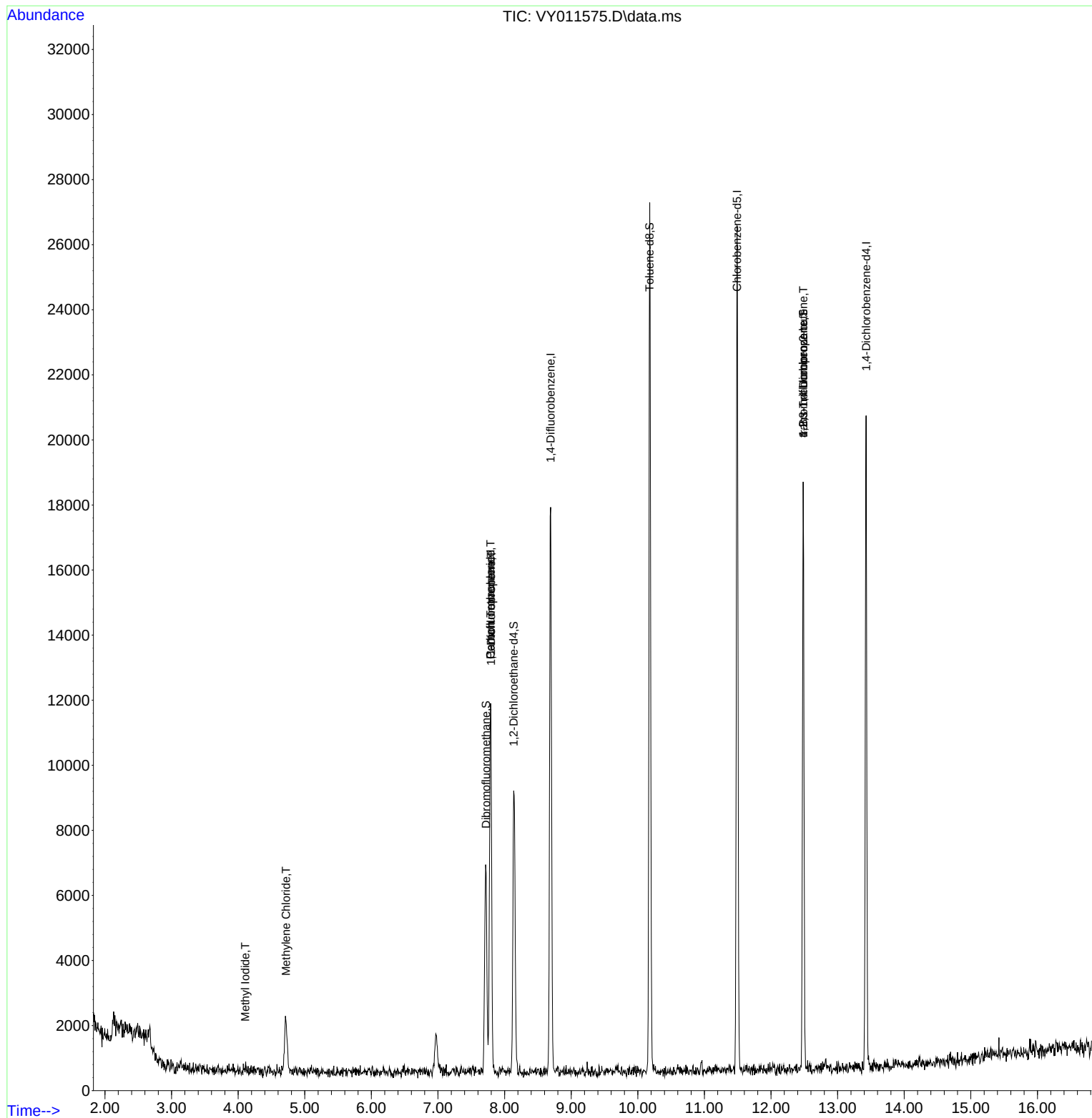
Internal Standards						
1) Pentafluorobenzene	7.789	168	8858	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	15599	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	14534	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	5239	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	7350	81.718	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 163.440%#	
35) Dibromofluoromethane	7.721	113	4653	48.455	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.920%	
50) Toluene-d8	10.178	98	18014	51.623	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.240%	
62) 4-Bromofluorobenzene	12.483	95	5648	43.777	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 87.560%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.125	50	177	Below Cal	#	44
5) Bromomethane	2.668	94	201	Below Cal	#	1
10) Methyl Iodide	4.106	142	317	3.202	ug/l #	42
20) Methylene Chloride	4.716	84	1307	1.458	ug/l #	66
36) 1,1-Dichloropropene	7.795	75	667	4.444	ug/l #	42
38) Carbon Tetrachloride	7.789	117	982	5.848	ug/l #	11
76) 1,2,3-Trichloropropane	12.483	75	2979	52.800	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	2979	115.650	ug/l #	7

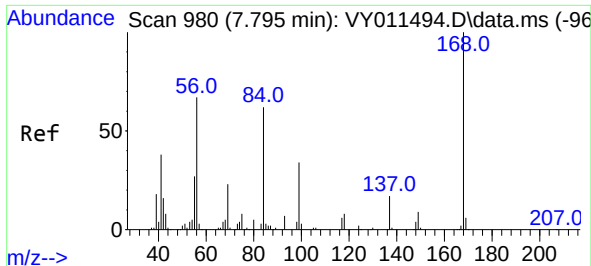
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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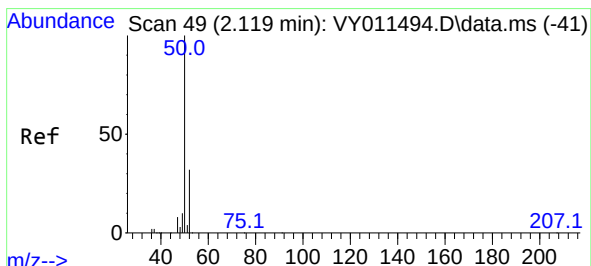
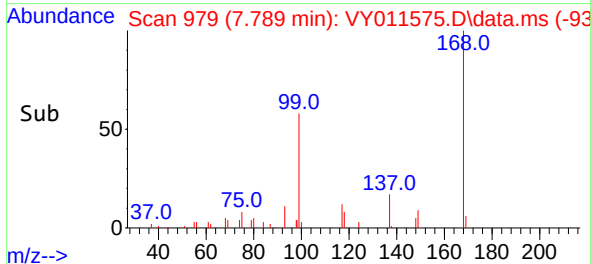
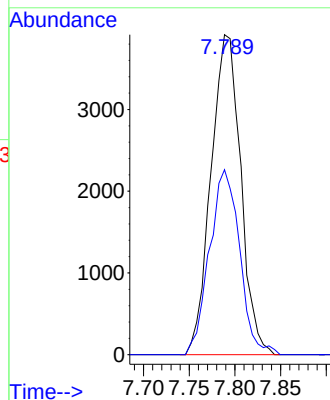
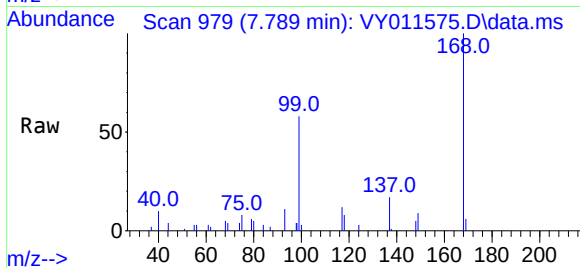




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011575.D
Acq: 23 Nov 2022 15:11

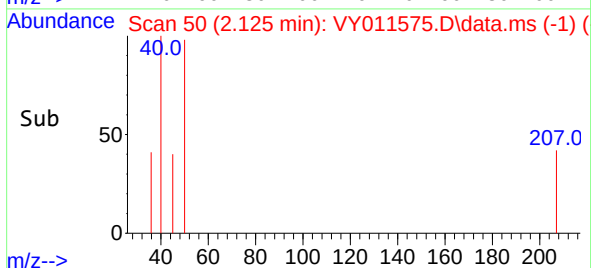
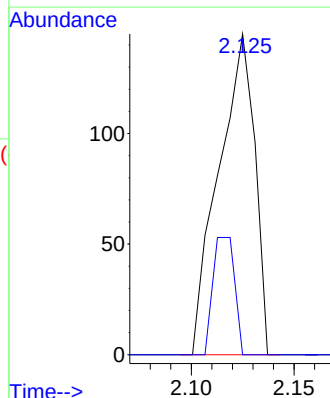
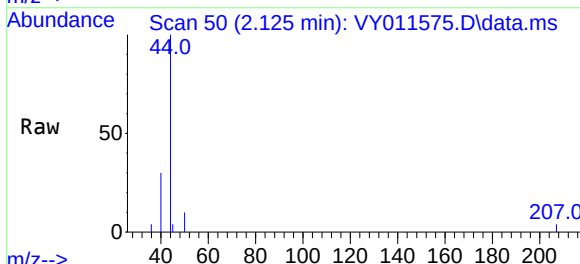
Instrument :
MSVOA_Y
ClientSampleId :

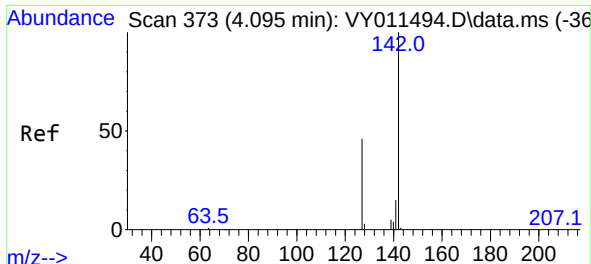
Tgt Ion:168 Resp: 8858
Ion Ratio Lower Upper
168 100
99 57.8 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.125 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY011575.D
Acq: 23 Nov 2022 15:11

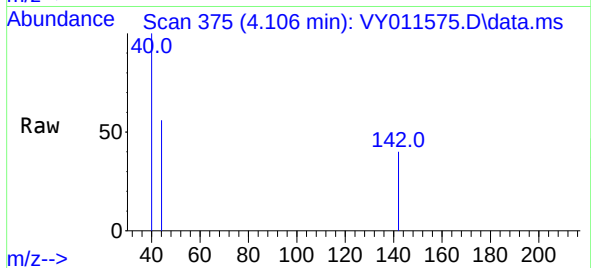
Tgt Ion: 50 Resp: 177
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#



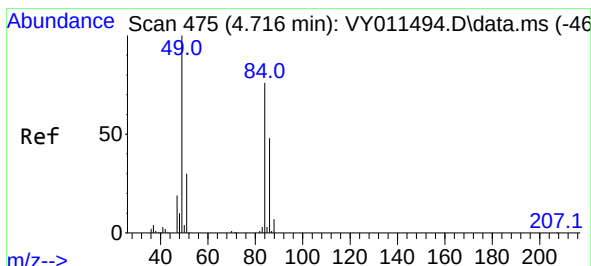
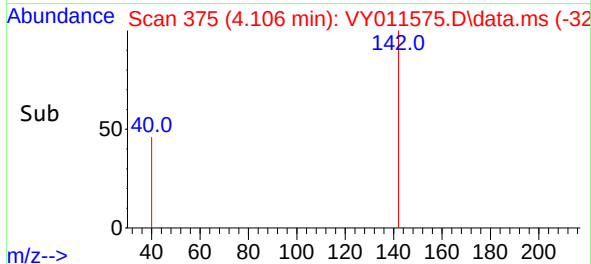
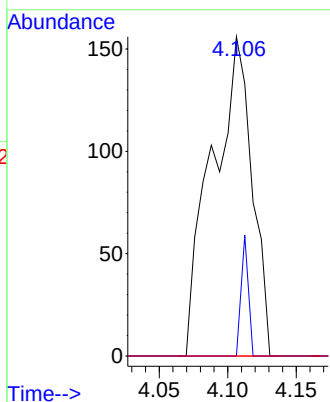


#10
Methyl Iodide
Concen: 3.202 ug/l
RT: 4.106 min Scan# 317
Delta R.T. 0.011 min
Lab File: VY011575.D
Acq: 23 Nov 2022 15:11

Instrument :
MSVOA_Y
ClientSampleId :

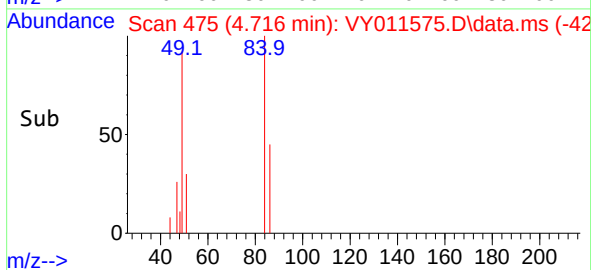
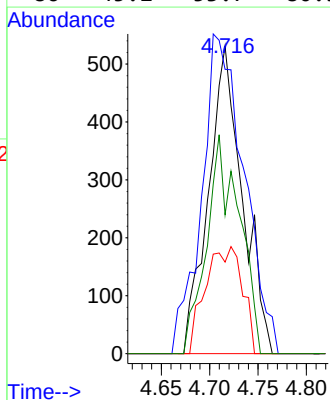
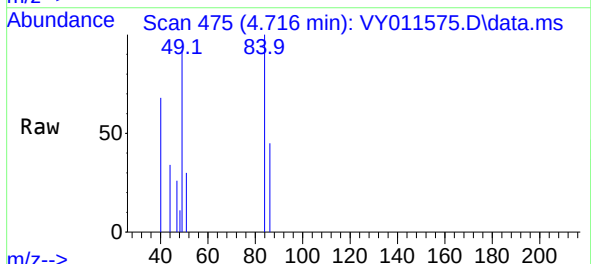


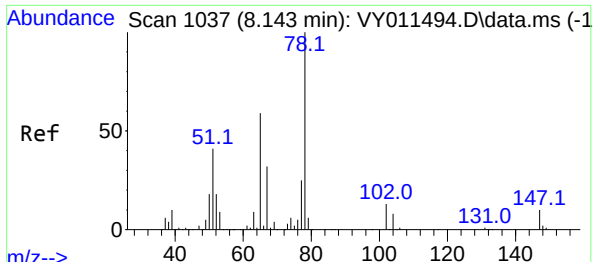
Tgt Ion:142 Resp: 317
Ion Ratio Lower Upper
142 100
127 6.9 41.5 62.3#
141 0.0 11.9 17.9#



#20
Methylene Chloride
Concen: 1.458 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.000 min
Lab File: VY011575.D
Acq: 23 Nov 2022 15:11

Tgt Ion: 84 Resp: 1307
Ion Ratio Lower Upper
84 100
49 92.5 114.4 171.6#
51 29.8 35.3 52.9#
86 45.2 53.7 80.5#

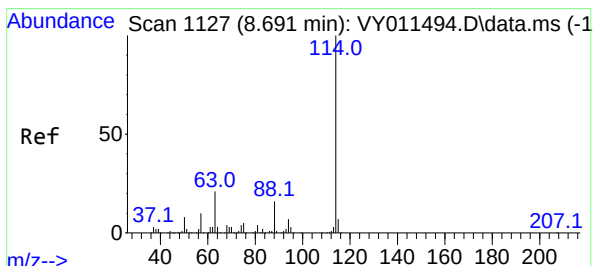
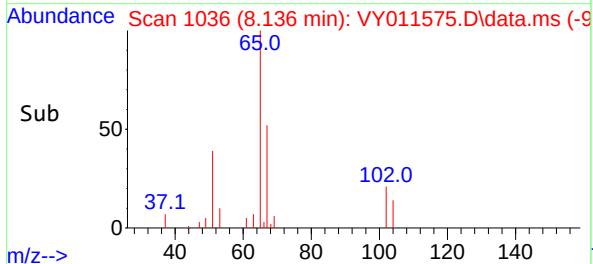
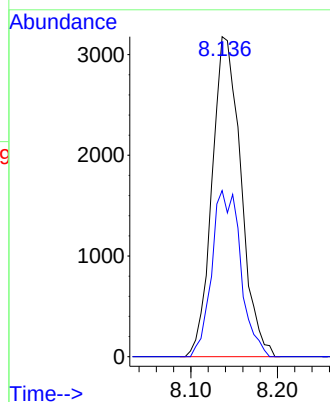
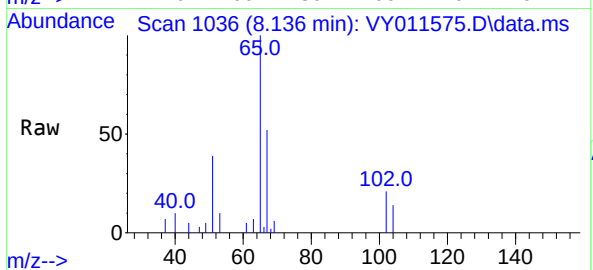




#33
1,2-Dichloroethane-d4
Concen: 81.718 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY011575.D
Acq: 23 Nov 2022 15:11

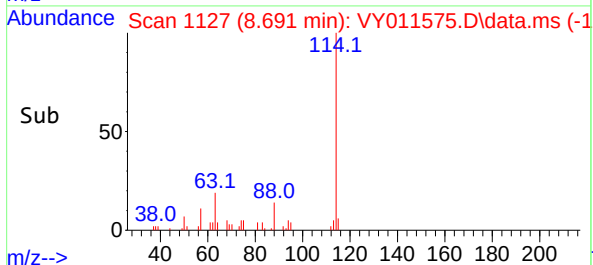
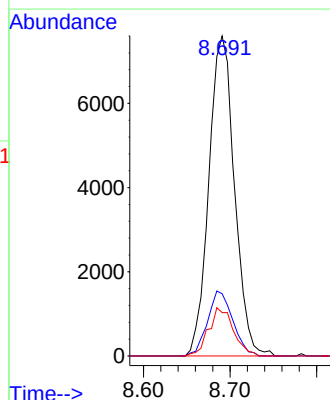
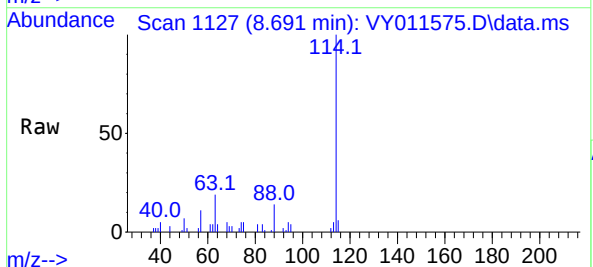
Instrument :
MSVOA_Y
ClientSampleId :

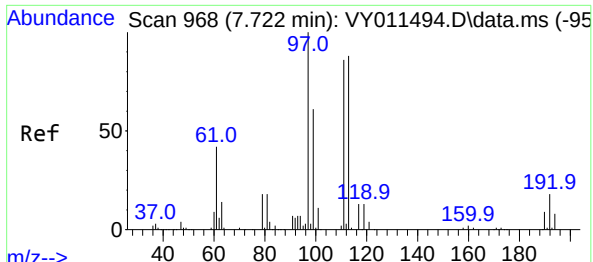
Tgt Ion: 65 Resp: 7350
Ion Ratio Lower Upper
65 100
67 52.1 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY011575.D
Acq: 23 Nov 2022 15:11

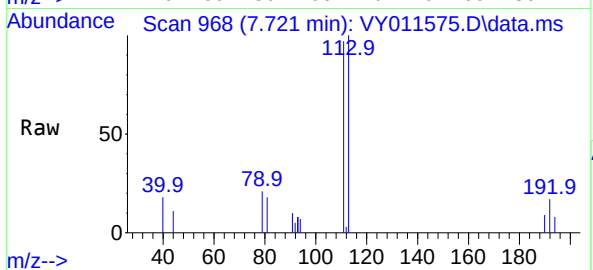
Tgt Ion: 114 Resp: 15599
Ion Ratio Lower Upper
114 100
63 19.4 0.0 43.2
88 13.5 0.0 31.8



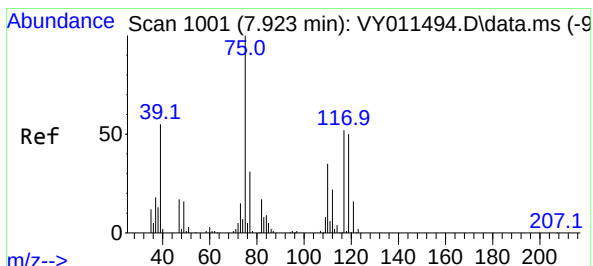
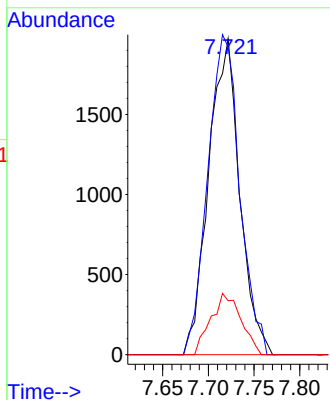
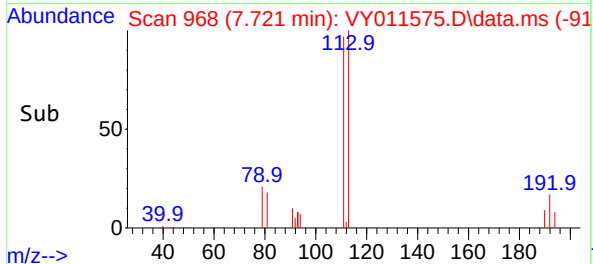


#35
Dibromofluoromethane
Concen: 48.455 ug/l
RT: 7.721 min Scan# 90
Delta R.T. -0.001 min
Lab File: VY011575.D
Acq: 23 Nov 2022 15:11

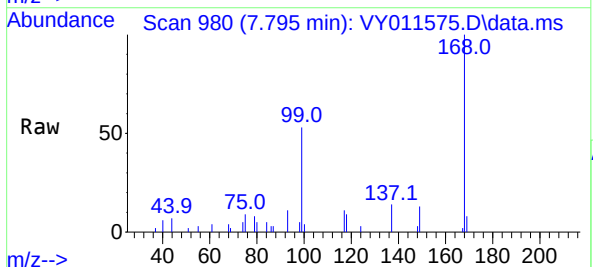
Instrument :
MSVOA_Y
ClientSampleId :



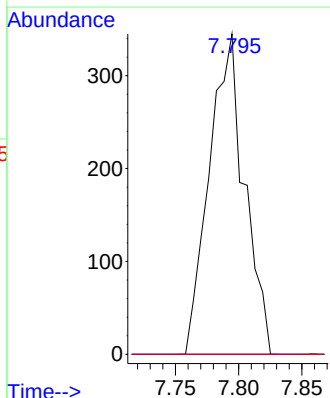
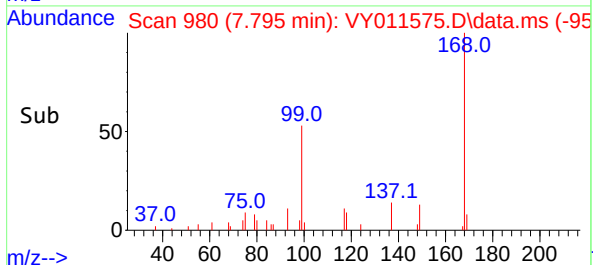
Tgt Ion:113 Resp: 4653
Ion Ratio Lower Upper
113 100
111 104.3 82.6 124.0
192 18.9 17.6 26.4

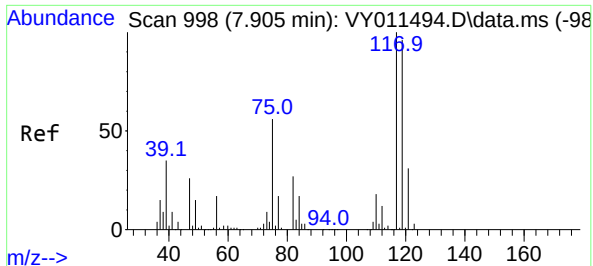


#36
1,1-Dichloropropene
Concen: 4.444 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY011575.D
Acq: 23 Nov 2022 15:11



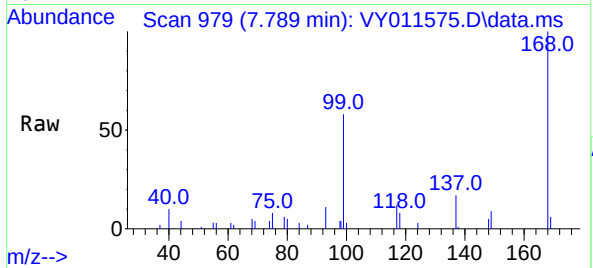
Tgt Ion: 75 Resp: 667
Ion Ratio Lower Upper
75 100
110 0.0 17.1 51.2#
77 0.0 24.4 36.6#



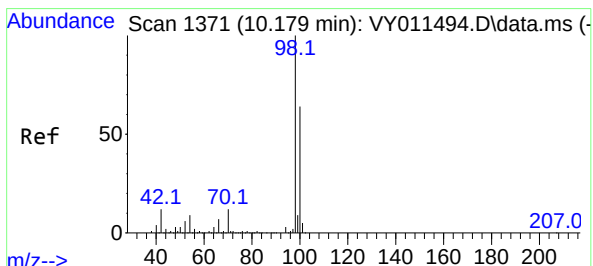
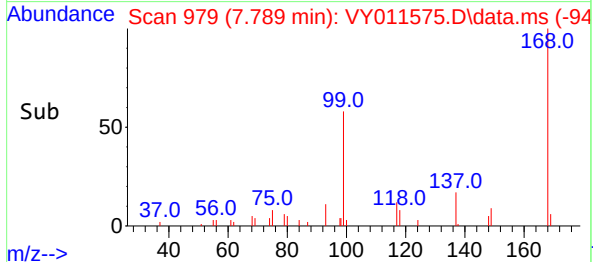
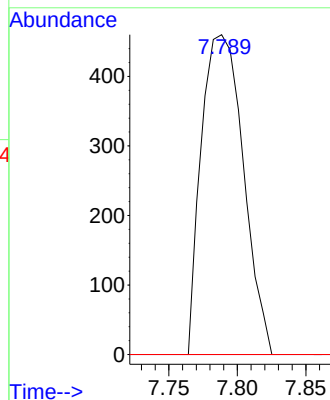


#38
Carbon Tetrachloride
Concen: 5.848 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY011575.D
Acq: 23 Nov 2022 15:11

Instrument :
MSVOA_Y
ClientSampleId :

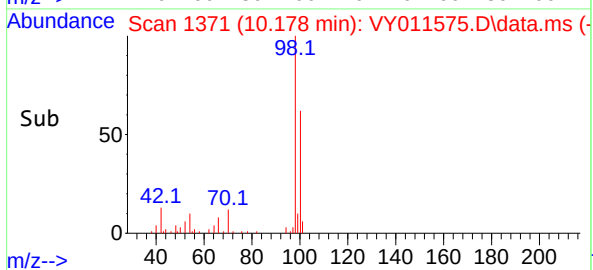
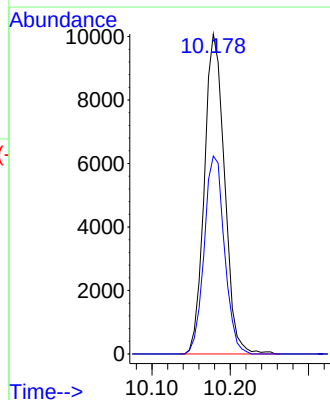
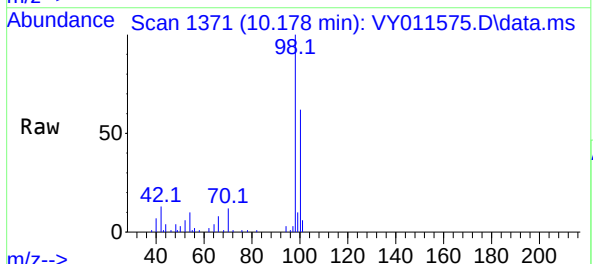


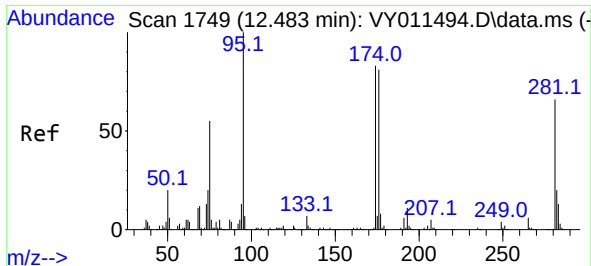
Tgt Ion:117 Resp: 982
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.623 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.001 min
Lab File: VY011575.D
Acq: 23 Nov 2022 15:11

Tgt Ion: 98 Resp: 18014
Ion Ratio Lower Upper
98 100
100 62.0 50.2 75.2

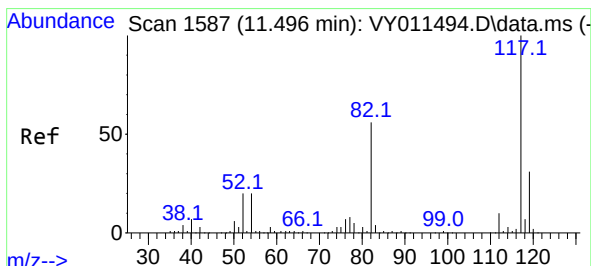
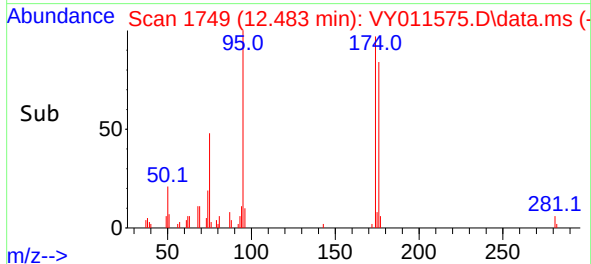
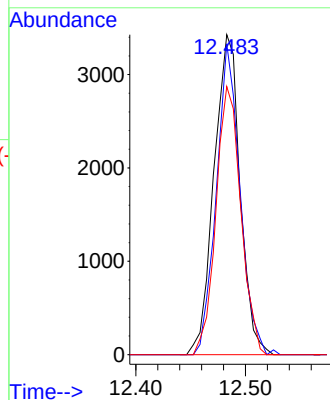
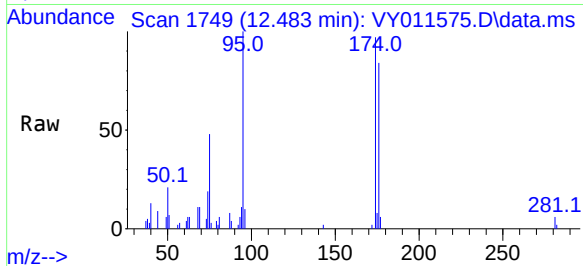




#62
4-Bromofluorobenzene
Concen: 43.777 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011575.D
Acq: 23 Nov 2022 15:11

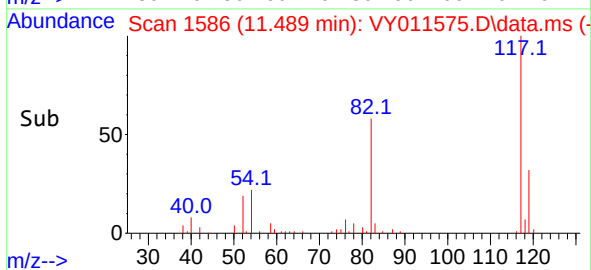
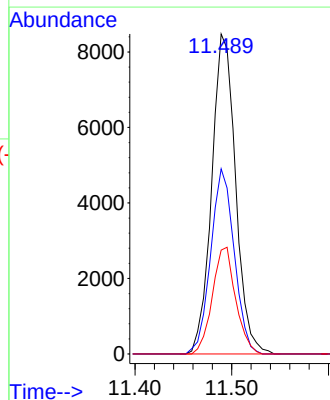
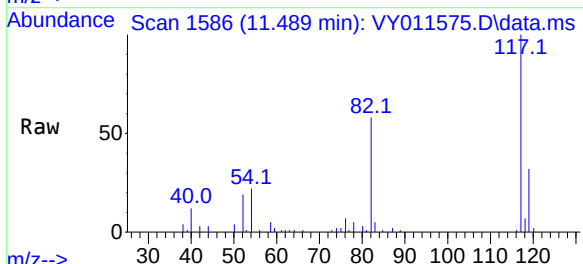
Instrument :
MSVOA_Y
ClientSampleId :

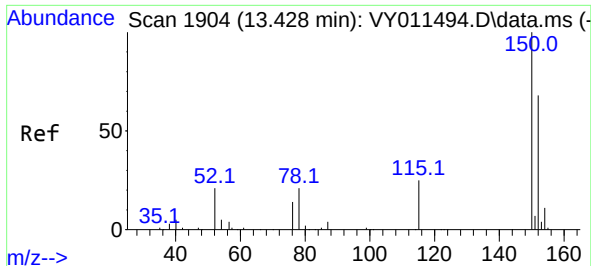
Tgt Ion: 95 Resp: 5648
Ion Ratio Lower Upper
95 100
174 88.2 0.0 177.0
176 80.0 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.007 min
Lab File: VY011575.D
Acq: 23 Nov 2022 15:11

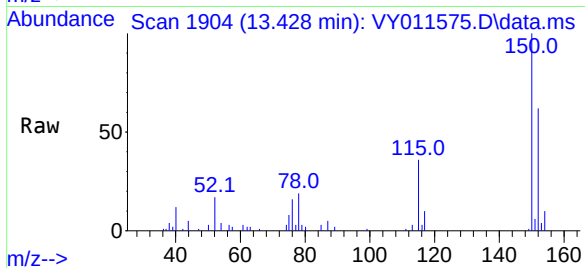
Tgt Ion: 117 Resp: 14534
Ion Ratio Lower Upper
117 100
82 57.9 43.0 64.4
119 32.5 25.4 38.0



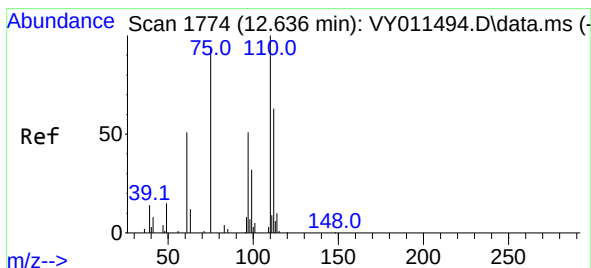
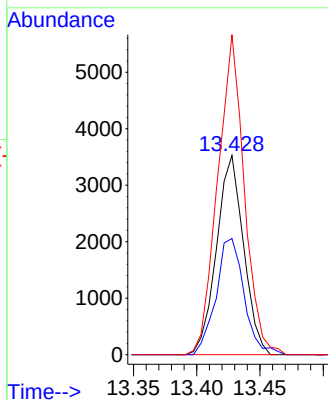
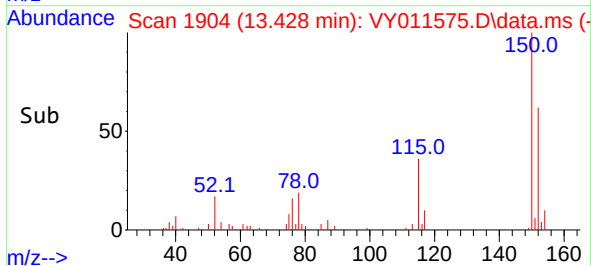


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY011575.D
Acq: 23 Nov 2022 15:11

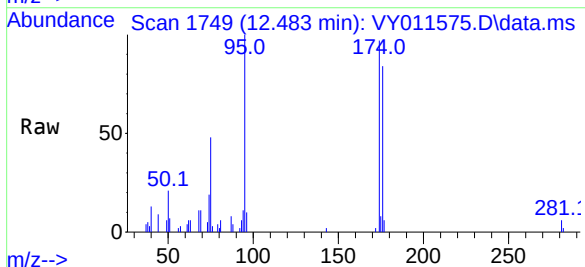
Instrument :
MSVOA_Y
ClientSampleId :



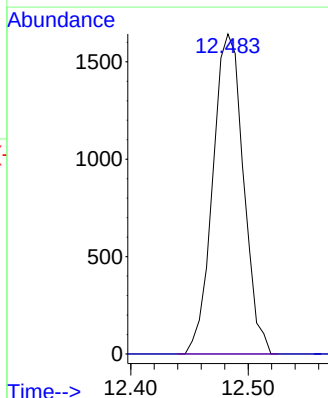
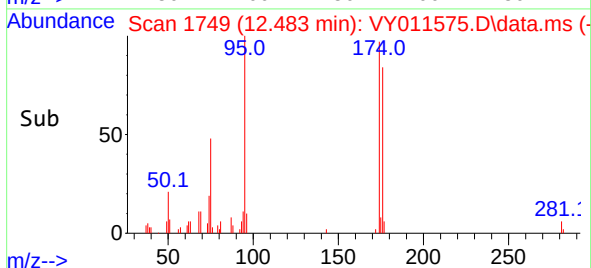
Tgt Ion:152 Resp: 5239
Ion Ratio Lower Upper
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115 60.7 28.2 84.7
150 157.8 0.0 347.6

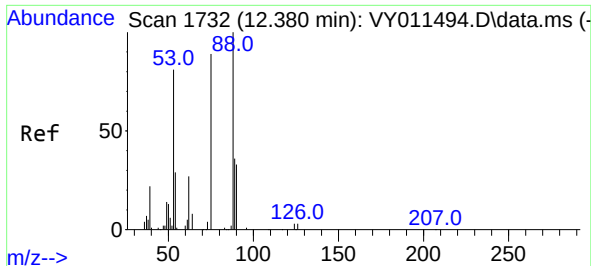


#76
1,2,3-Trichloropropane
Concen: 52.800 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY011575.D
Acq: 23 Nov 2022 15:11



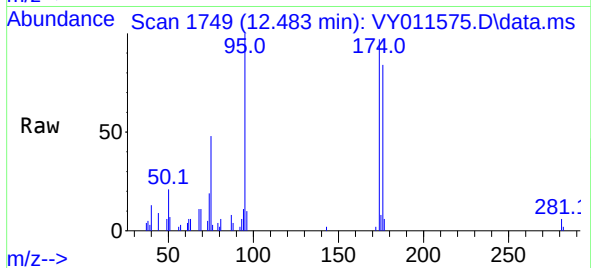
Tgt Ion: 75 Resp: 2979
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#81
trans-1,4-Dichloro-2-butene
Concen: 115.650 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY011575.D
Acq: 23 Nov 2022 15:11

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 2979
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

