

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110521\
 Data File : VY006652.D
 Acq On : 05 Nov 2021 13:16
 Operator : SY/MD
 Sample : M4498-01
 Misc : 5.02G/10ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 06 20:37:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

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

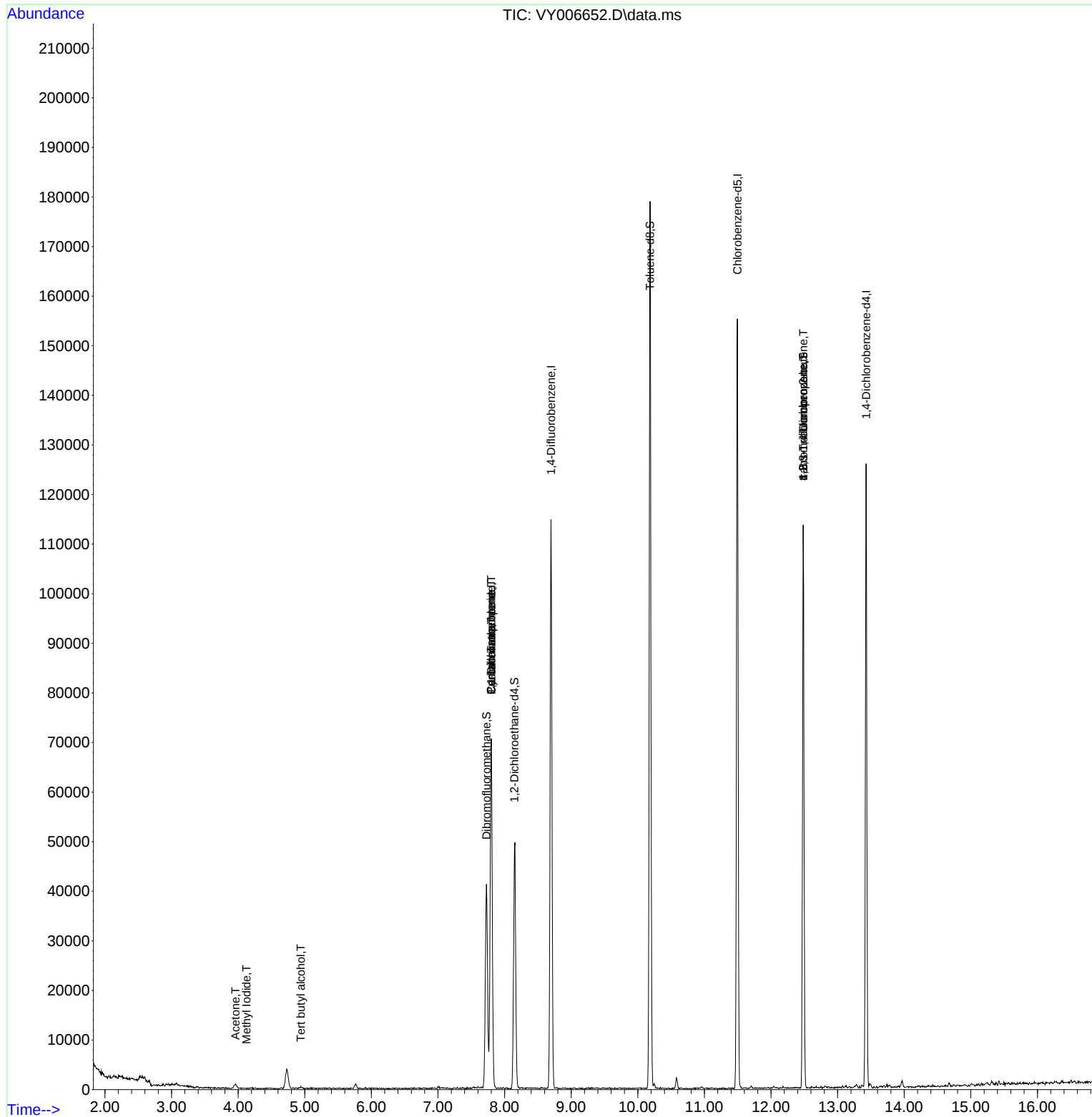
Internal Standards						
1) Pentafluorobenzene	7.801	168	51342	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	87382	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	80521	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	28508	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	39317	62.230	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.460%	
35) Dibromofluoromethane	7.728	113	27604	56.677	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.360%	
50) Toluene-d8	10.185	98	110666	53.600	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.200%	
62) 4-Bromofluorobenzene	12.483	95	32122	46.186	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 92.380%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.125	142	26	5.106	ug/l #	36
11) Tert butyl alcohol	4.942	59	181	3.154	ug/l #	72
16) Acetone	3.960	43	1689	9.284	ug/l	95
31) Cyclohexane	7.801	56	1324	1.294	ug/l #	22
36) 1,1-Dichloropropene	7.801	75	4315	4.998	ug/l #	50
38) Carbon Tetrachloride	7.801	117	5325	5.591	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	17926	61.021	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	17926	125.274	ug/l #	7

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

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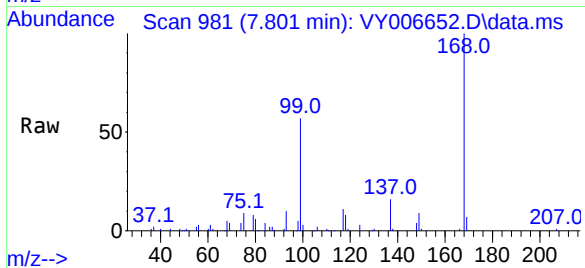
Quant Time: Nov 06 20:37:58 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
Quant Title : SW846 8260
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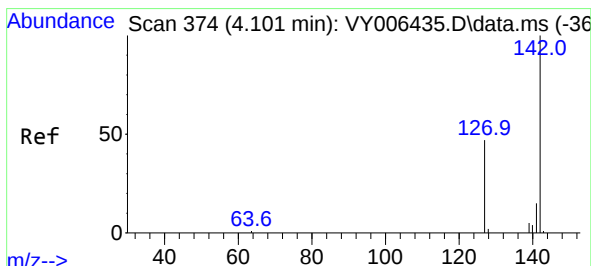
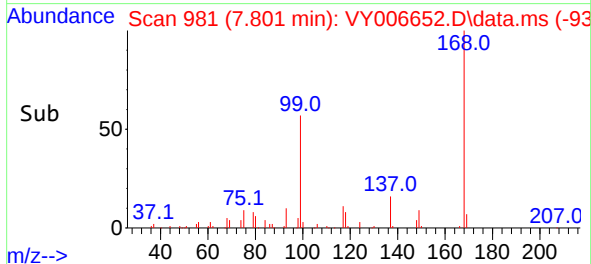
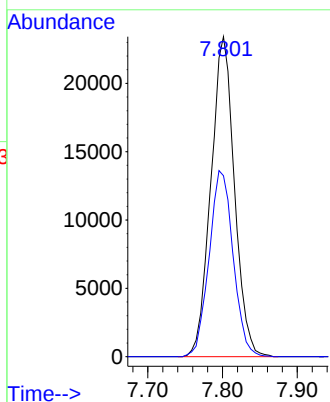


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY006652.D
Acq: 05 Nov 2021 13:16

Instrument :
MSVOA_Y
ClientSampleId :

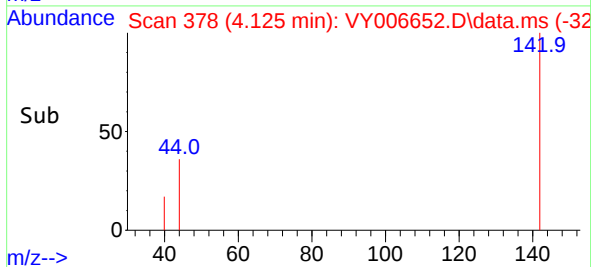
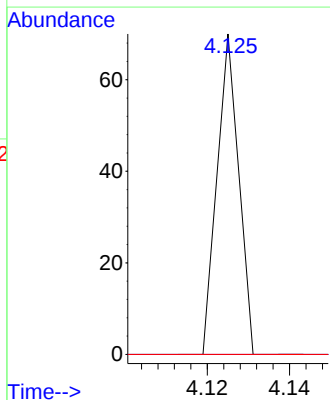
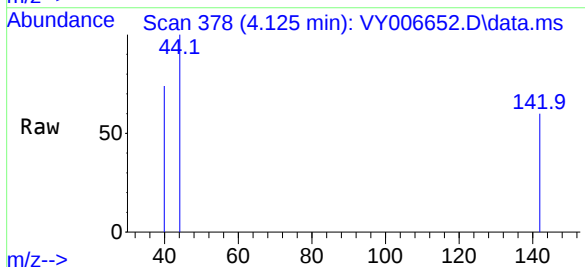


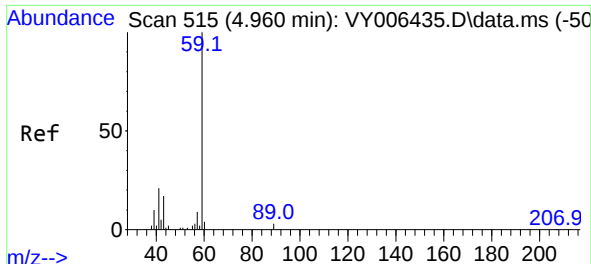
Tgt Ion:168 Resp: 51342
Ion Ratio Lower Upper
168 100
99 56.5 44.8 67.2



#10
Methyl Iodide
Concen: 5.106 ug/l
RT: 4.125 min Scan# 378
Delta R.T. 0.024 min
Lab File: VY006652.D
Acq: 05 Nov 2021 13:16

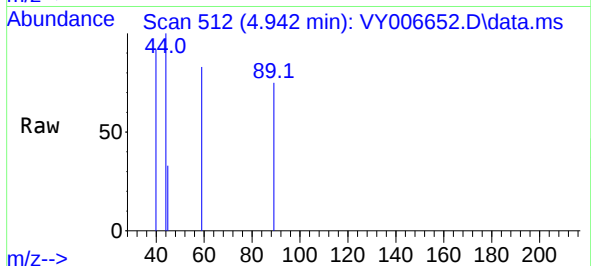
Tgt Ion:142 Resp: 26
Ion Ratio Lower Upper
142 100
127 0.0 40.1 60.1#
141 0.0 12.5 18.7#



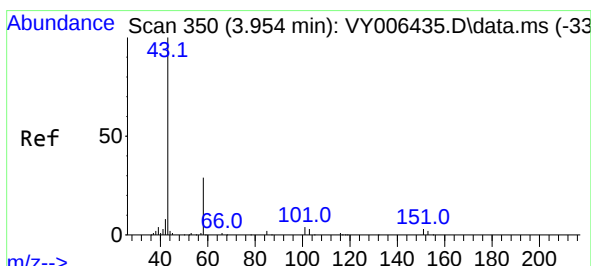
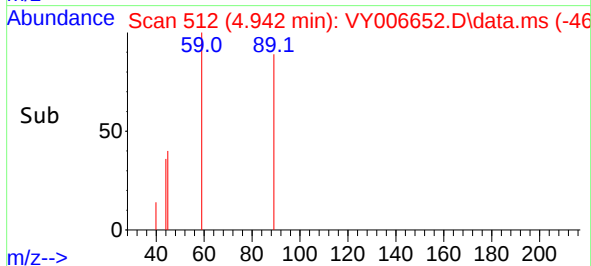
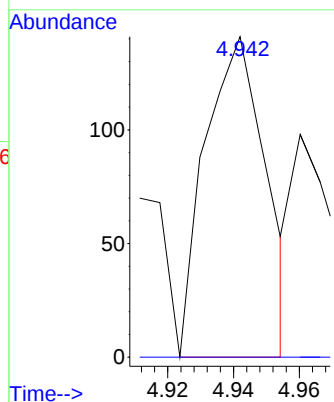


#11
Tert butyl alcohol
Concen: 3.154 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.018 min
Lab File: VY006652.D
Acq: 05 Nov 2021 13:16

Instrument :
MSVOA_Y
ClientSampleId :

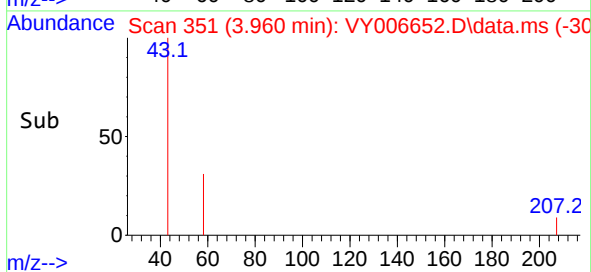
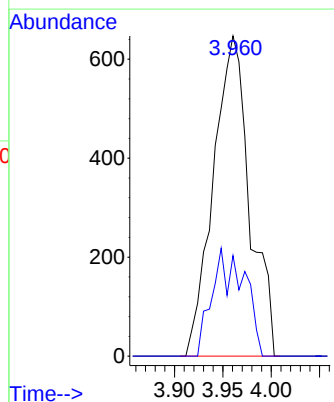
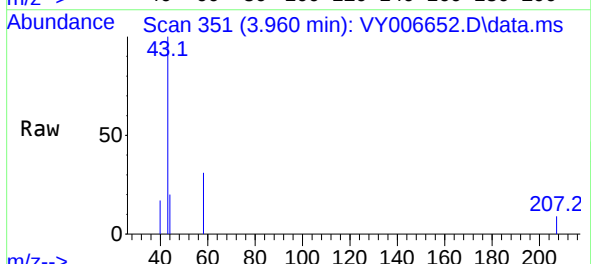


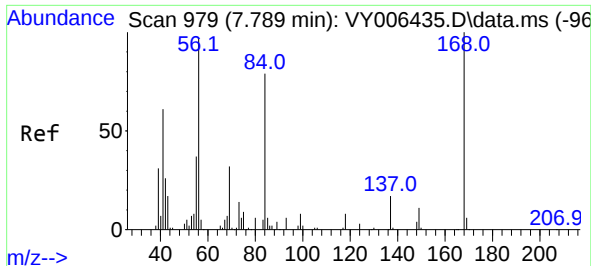
Tgt Ion: 59 Resp: 181
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#16
Acetone
Concen: 9.284 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY006652.D
Acq: 05 Nov 2021 13:16

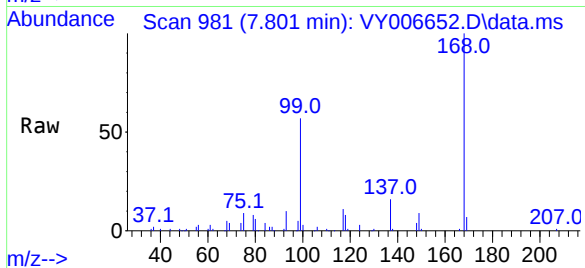
Tgt Ion: 43 Resp: 1689
Ion Ratio Lower Upper
43 100
58 31.4 22.9 34.3



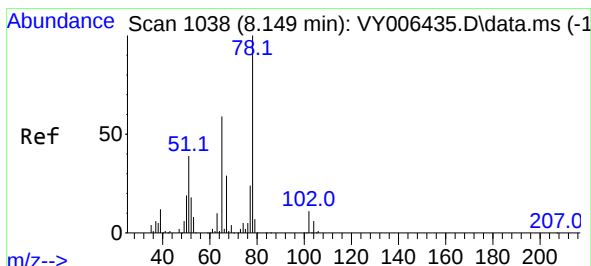
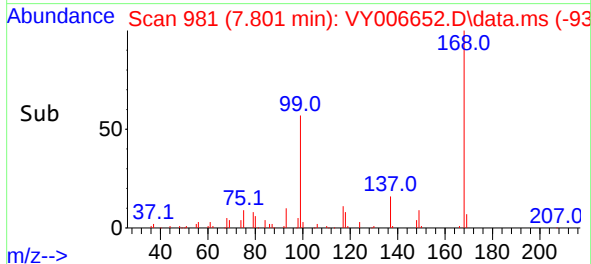
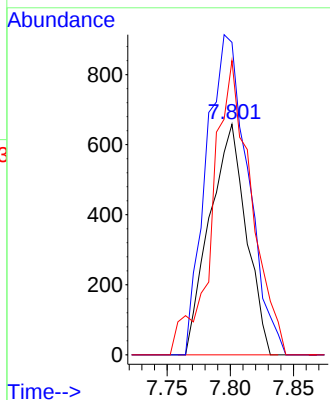


#31
Cyclohexane
Concen: 1.294 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY006652.D
Acq: 05 Nov 2021 13:16

Instrument :
MSVOA_Y
ClientSampleId :

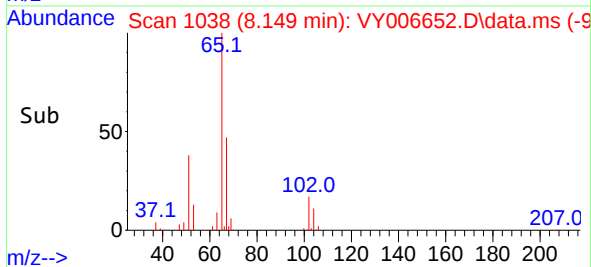
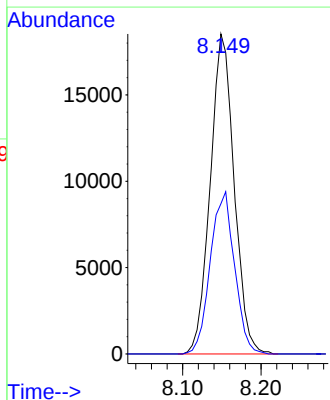
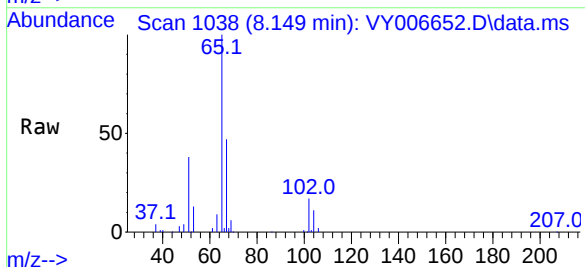


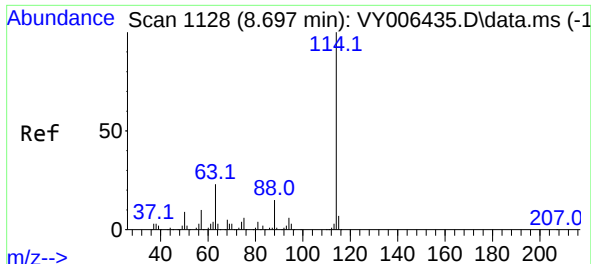
Tgt Ion: 56 Resp: 1324
Ion Ratio Lower Upper
56 100
69 135.6 26.6 40.0#
84 113.4 65.0 97.4#



#33
1,2-Dichloroethane-d4
Concen: 62.230 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006652.D
Acq: 05 Nov 2021 13:16

Tgt Ion: 65 Resp: 39317
Ion Ratio Lower Upper
65 100
67 51.3 0.0 98.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY006652.D

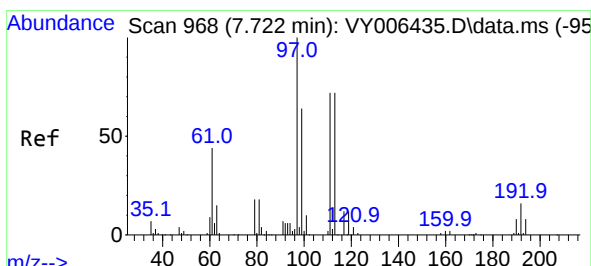
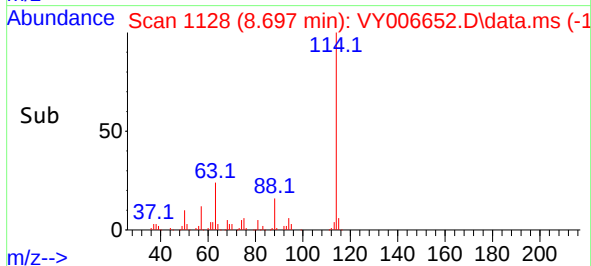
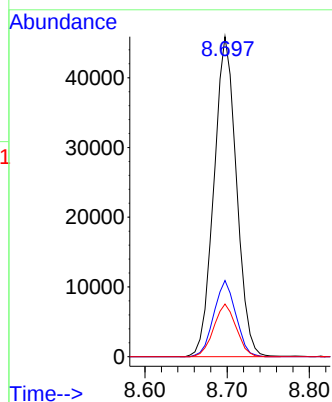
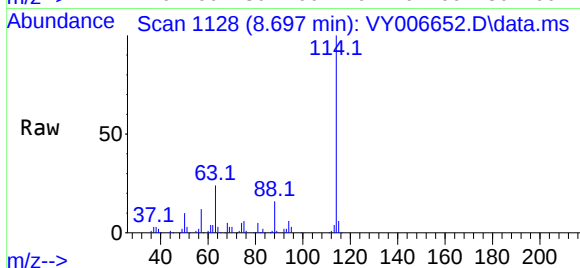
Acq: 05 Nov 2021 13:16

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:114	Resp:	87382
Ion Ratio	Lower	Upper
114	100	
63	23.8	0.0 45.0
88	16.5	0.0 30.6



#35

Dibromofluoromethane

Concen: 56.677 ug/l

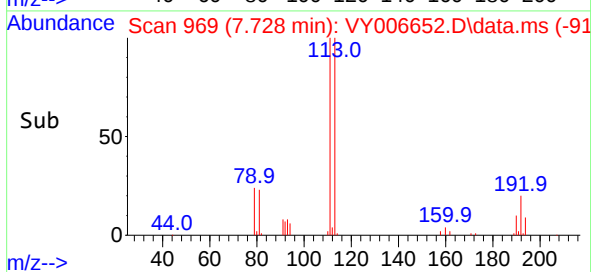
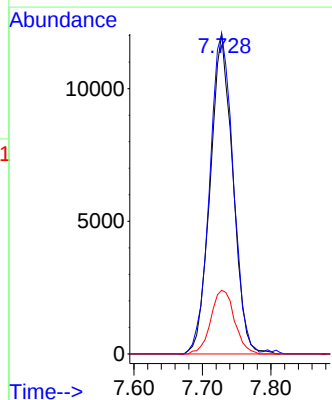
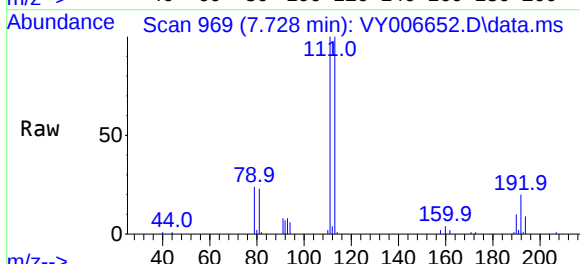
RT: 7.728 min Scan# 969

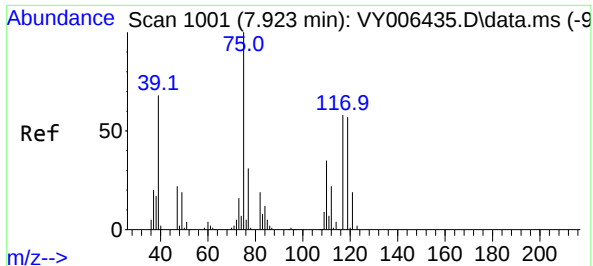
Delta R.T. 0.006 min

Lab File: VY006652.D

Acq: 05 Nov 2021 13:16

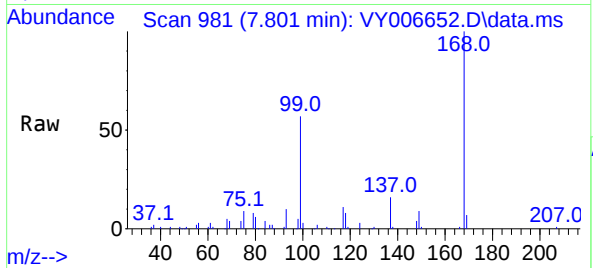
Tgt Ion:113	Resp:	27604
Ion Ratio	Lower	Upper
113	100	
111	104.2	82.3 123.5
192	20.8	17.4 26.2



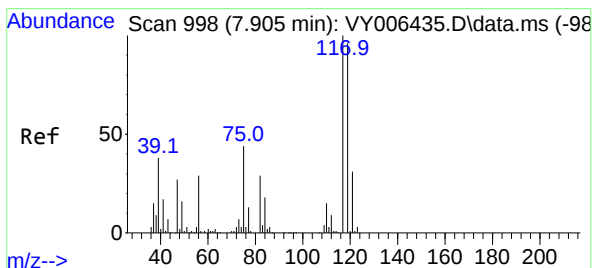
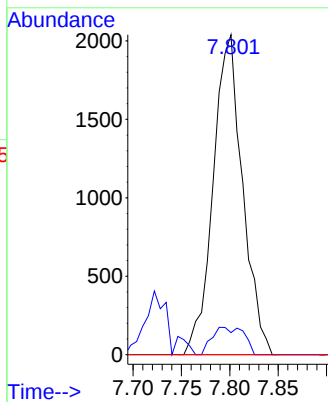
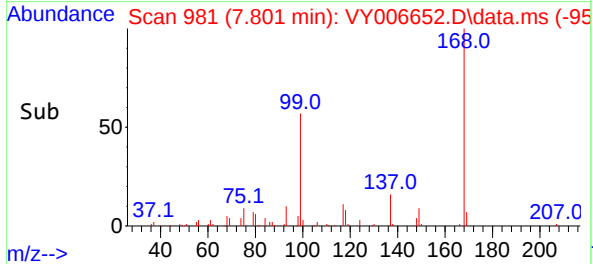


#36
1,1-Dichloropropene
Concen: 4.998 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY006652.D
Acq: 05 Nov 2021 13:16

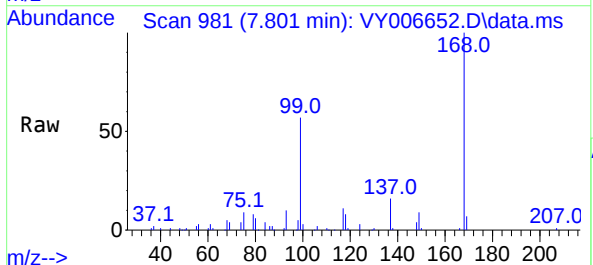
Instrument :
MSVOA_Y
ClientSampleId :



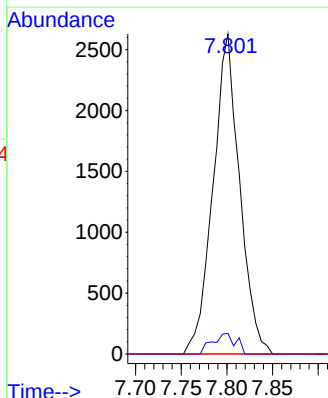
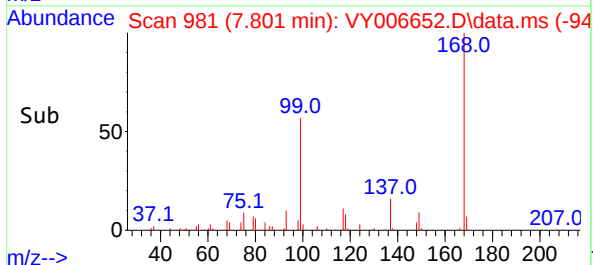
Tgt Ion: 75 Resp: 4315
Ion Ratio Lower Upper
75 100
110 9.3 17.1 51.3#
77 0.0 24.9 37.3#

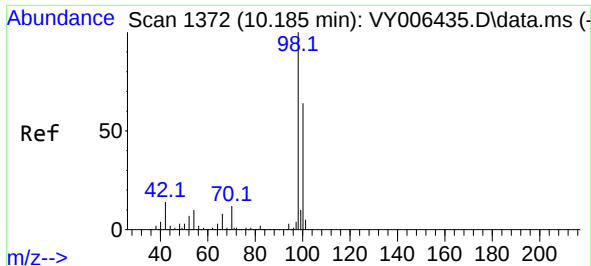


#38
Carbon Tetrachloride
Concen: 5.591 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.104 min
Lab File: VY006652.D
Acq: 05 Nov 2021 13:16



Tgt Ion: 117 Resp: 5325
Ion Ratio Lower Upper
117 100
119 6.5 76.6 115.0#
121 0.0 24.7 37.1#

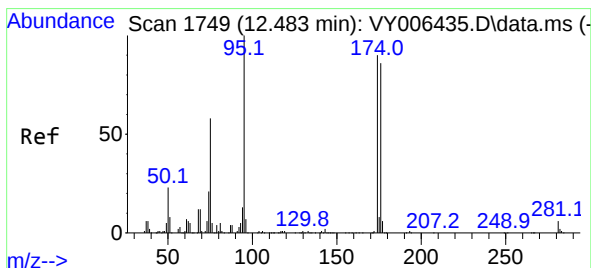
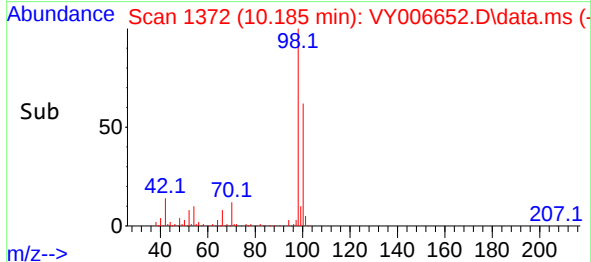
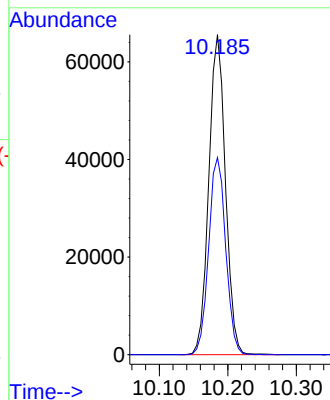
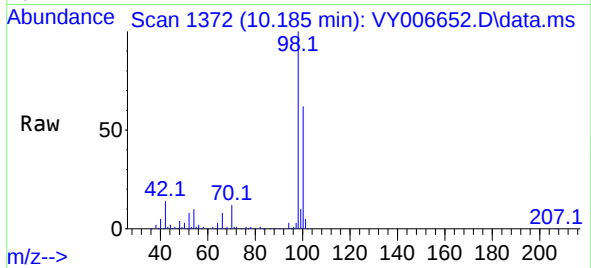




#50
Toluene-d8
Concen: 53.600 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY006652.D
Acq: 05 Nov 2021 13:16

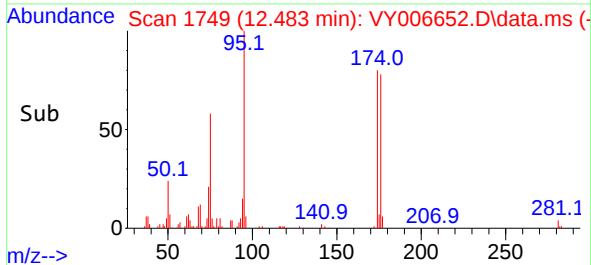
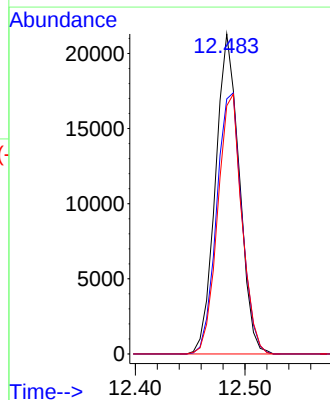
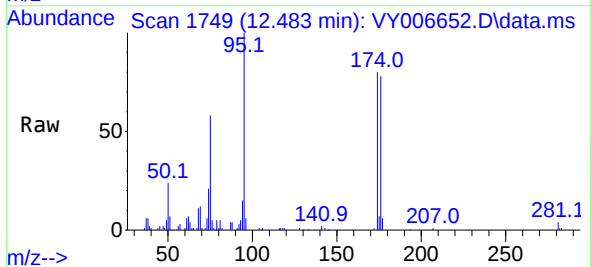
Instrument :
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ClientSampleId :

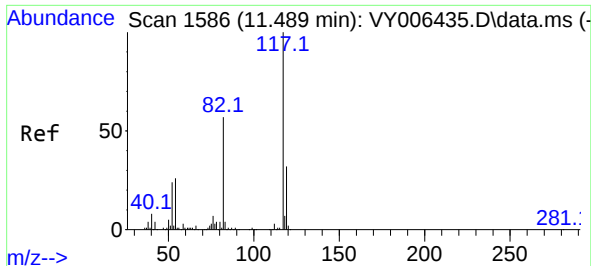
Tgt Ion: 98 Resp: 110666
Ion Ratio Lower Upper
98 100
100 63.0 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 46.186 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006652.D
Acq: 05 Nov 2021 13:16

Tgt Ion: 95 Resp: 32122
Ion Ratio Lower Upper
95 100
174 86.0 0.0 177.0
176 82.1 0.0 169.4

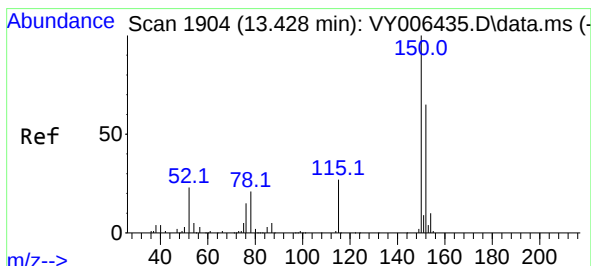
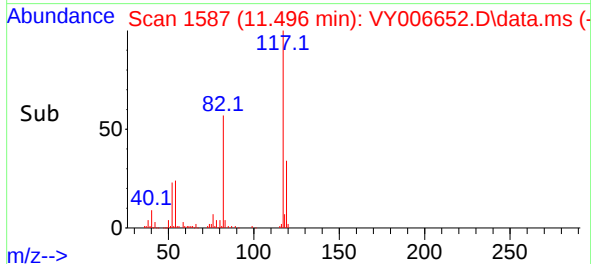
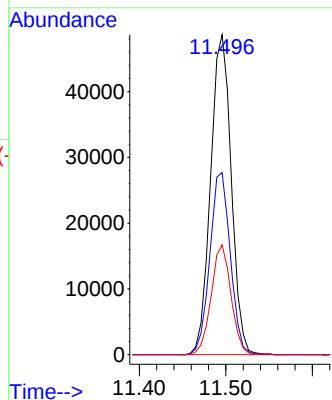
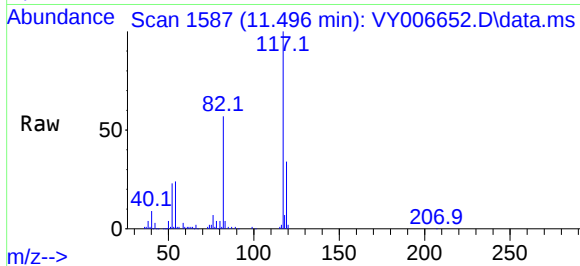




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY006652.D
Acq: 05 Nov 2021 13:16

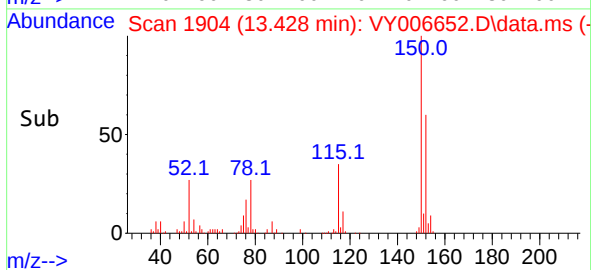
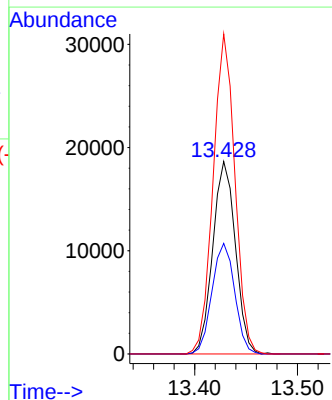
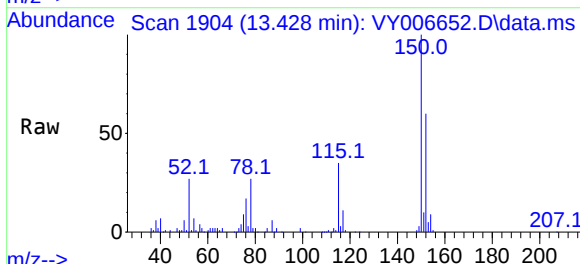
Instrument :
MSVOA_Y
ClientSampleId :

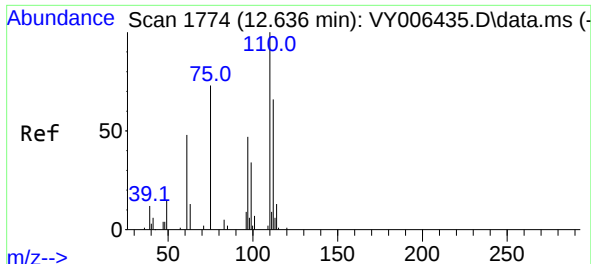
Tgt Ion:117 Resp: 80521
Ion Ratio Lower Upper
117 100
82 56.9 45.7 68.5
119 34.3 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006652.D
Acq: 05 Nov 2021 13:16

Tgt Ion:152 Resp: 28508
Ion Ratio Lower Upper
152 100
115 57.6 28.5 85.5
150 160.0 0.0 348.2

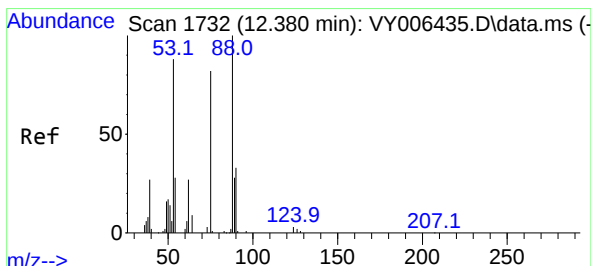
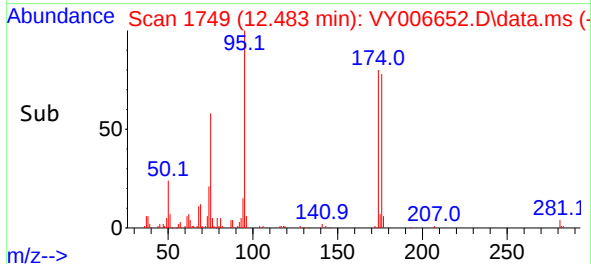
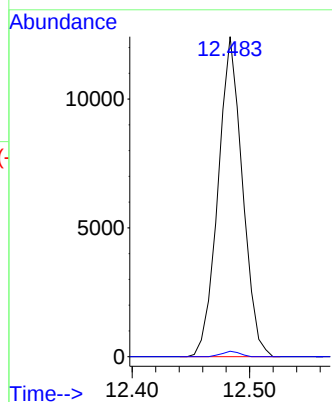
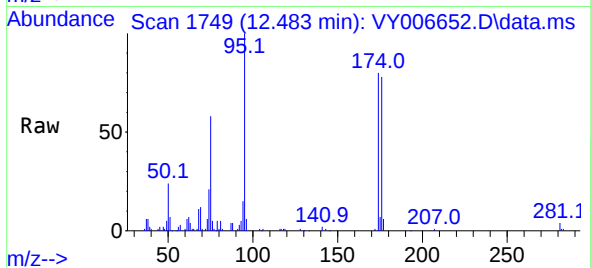




#76
1,2,3-Trichloropropane
Concen: 61.021 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006652.D
Acq: 05 Nov 2021 13:16

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 17926
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 125.274 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006652.D
Acq: 05 Nov 2021 13:16

Tgt Ion: 75 Resp: 17926
Ion Ratio Lower Upper
75 100
53 0.0 85.8 128.6#
89 0.0 39.3 58.9#

