

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110521\
 Data File : VY006651.D
 Acq On : 05 Nov 2021 12:53
 Operator : SY/MD
 Sample : M4497-07
 Misc : 4.12G/10ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 06 20:37:40 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

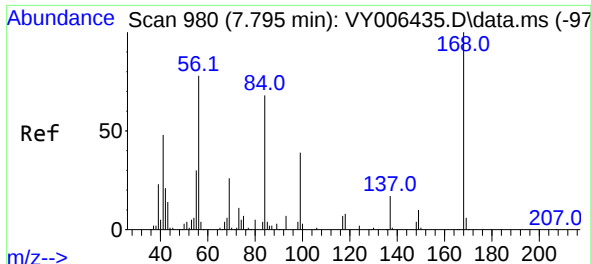
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.801	168	120631	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	205519	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	187825	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	72788	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	81391	54.829	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery	= 109.660%		
35) Dibromofluoromethane	7.728	113	61639	53.810	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery	= 107.620%		
50) Toluene-d8	10.185	98	261444	53.840	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery	= 107.680%		
62) 4-Bromofluorobenzene	12.483	95	77831	47.580	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery	= 95.160%		
Target Compounds						Qvalue
10) Methyl Iodide	4.125	142	158	5.179	ug/l #	36
16) Acetone	3.960	43	1618	3.785	ug/l #	70
20) Methylene Chloride	4.729	84	9007	3.001	ug/l	92
31) Cyclohexane	7.795	56	3059	1.273	ug/l #	12
36) 1,1-Dichloropropene	7.801	75	10164	5.005	ug/l #	50
38) Carbon Tetrachloride	7.801	117	12139	5.419	ug/l #	17
51) 4-Methyl-2-Pentanone	10.185	43	1498	1.146	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	45633	60.839	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	45633	124.900	ug/l #	7

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

Quant Time: Nov 06 20:37:40 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

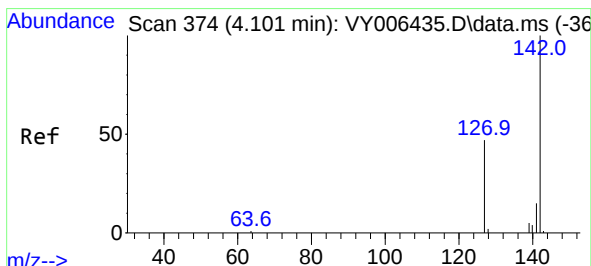
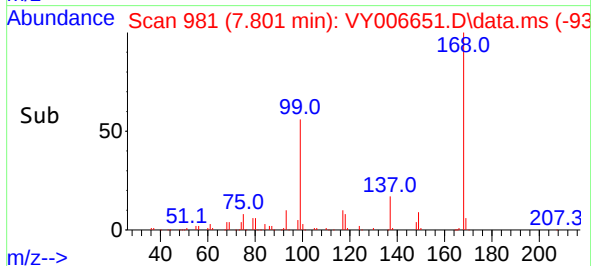
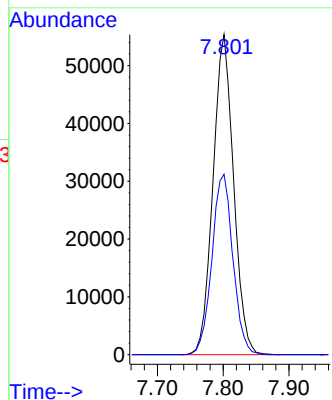
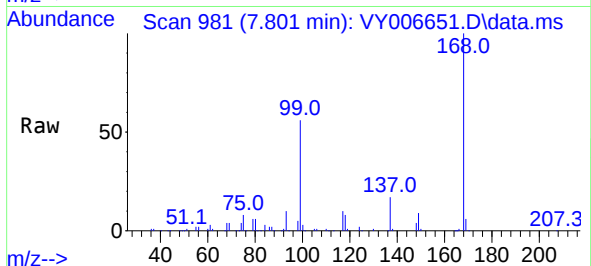




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY006651.D
Acq: 05 Nov 2021 12:53

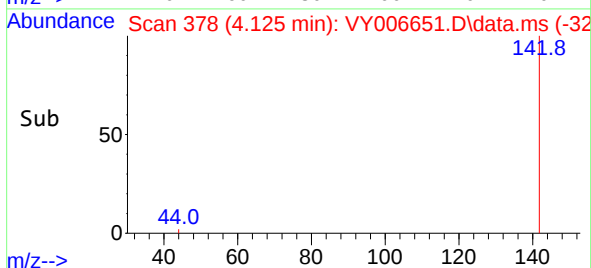
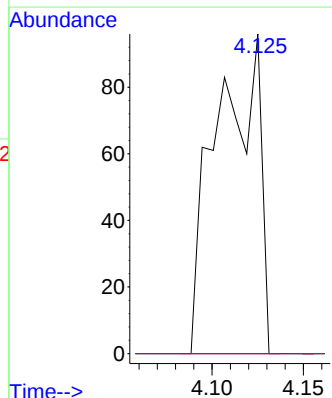
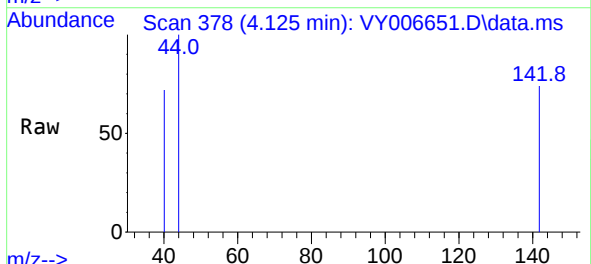
Instrument :
MSVOA_Y
ClientSampleId :

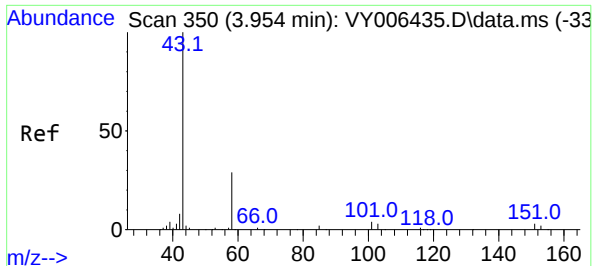
Tgt Ion:168 Resp: 120631
Ion Ratio Lower Upper
168 100
99 56.4 44.8 67.2



#10
Methyl Iodide
Concen: 5.179 ug/l
RT: 4.125 min Scan# 378
Delta R.T. 0.024 min
Lab File: VY006651.D
Acq: 05 Nov 2021 12:53

Tgt Ion:142 Resp: 158
Ion Ratio Lower Upper
142 100
127 0.0 40.1 60.1#
141 0.0 12.5 18.7#

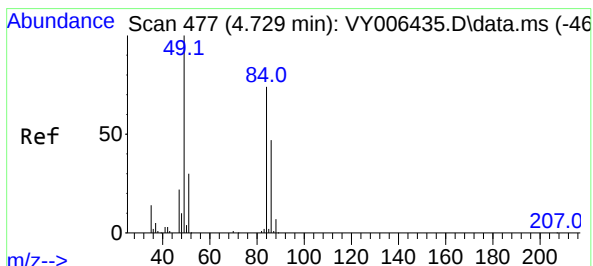
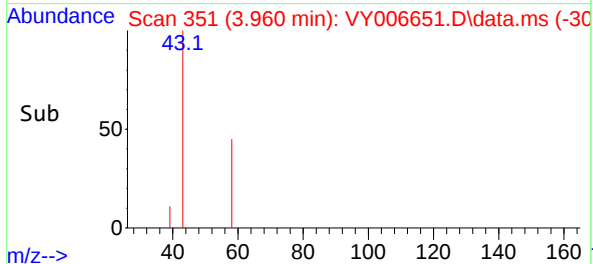
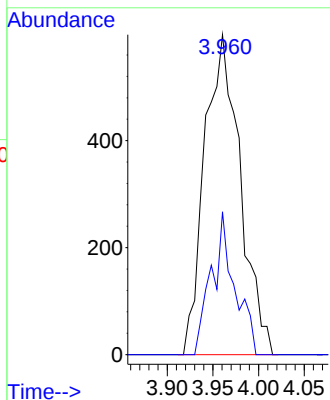
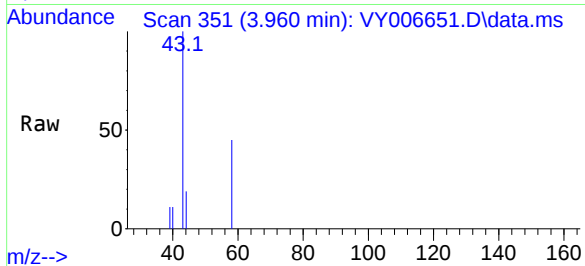




#16
Acetone
Concen: 3.785 ug/l
RT: 3.960 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY006651.D
Acq: 05 Nov 2021 12:53

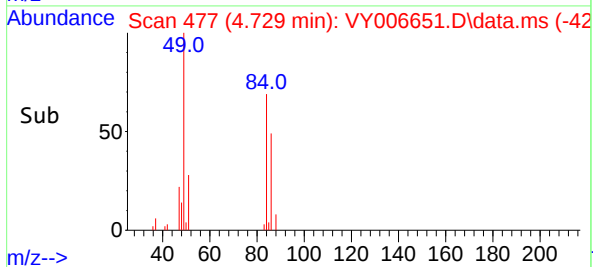
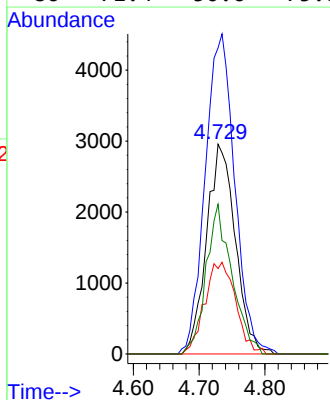
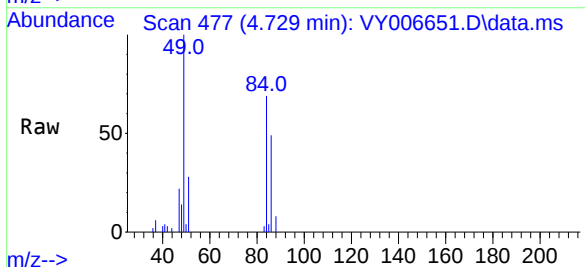
Instrument :
MSVOA_Y
ClientSampleId :

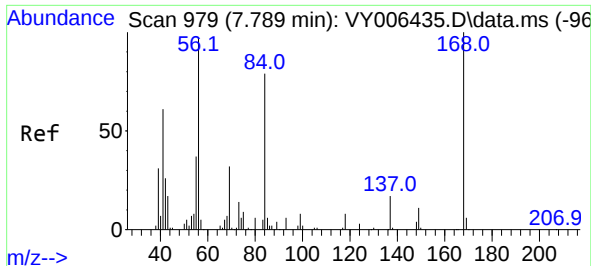
Tgt Ion: 43 Resp: 1618
Ion Ratio Lower Upper
43 100
58 44.6 22.9 34.3#



#20
Methylene Chloride
Concen: 3.001 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY006651.D
Acq: 05 Nov 2021 12:53

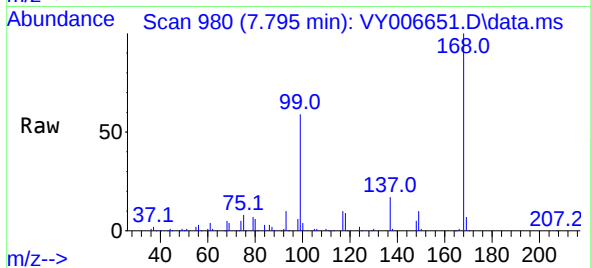
Tgt Ion: 84 Resp: 9007
Ion Ratio Lower Upper
84 100
49 145.9 107.8 161.8
51 40.8 32.8 49.2
86 71.4 50.6 75.8



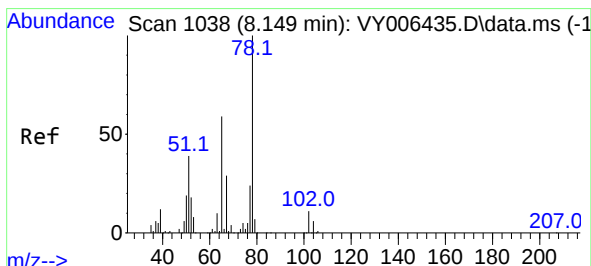
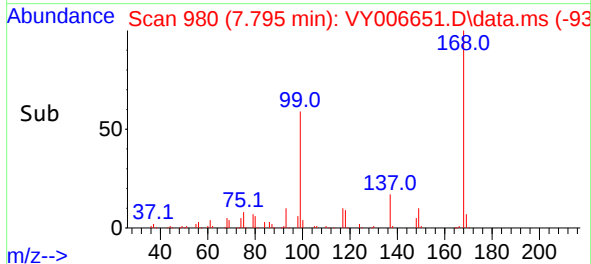
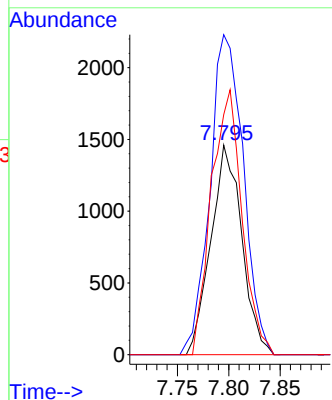


#31
Cyclohexane
Concen: 1.273 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY006651.D
Acq: 05 Nov 2021 12:53

Instrument :
MSVOA_Y
ClientSampleId :

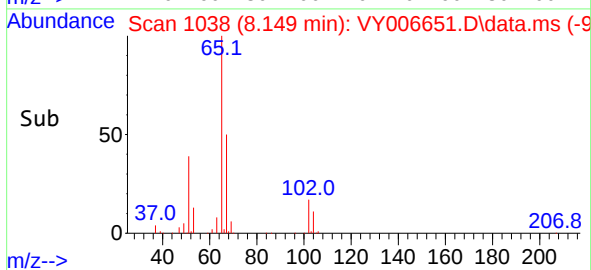
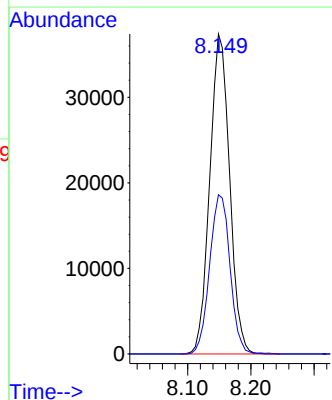
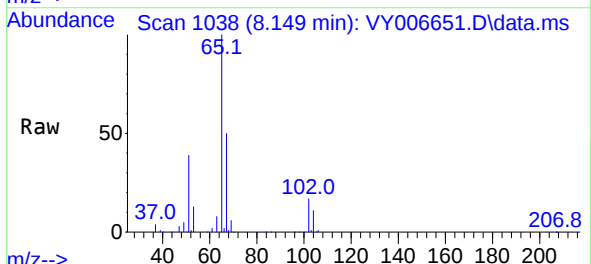


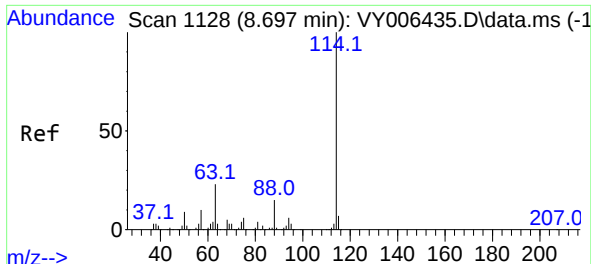
Tgt Ion: 56 Resp: 3059
Ion Ratio Lower Upper
56 100
69 152.6 26.6 40.0#
84 114.4 65.0 97.4#



#33
1,2-Dichloroethane-d4
Concen: 54.829 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006651.D
Acq: 05 Nov 2021 12:53

Tgt Ion: 65 Resp: 81391
Ion Ratio Lower Upper
65 100
67 51.1 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: VY006651.D

Acq: 05 Nov 2021 12:53

Instrument :

MSVOA_Y

ClientSampleId :

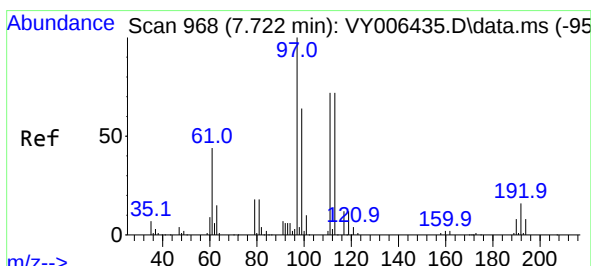
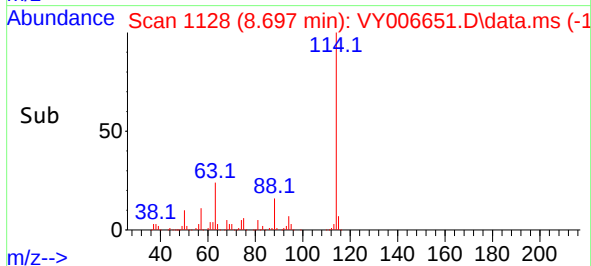
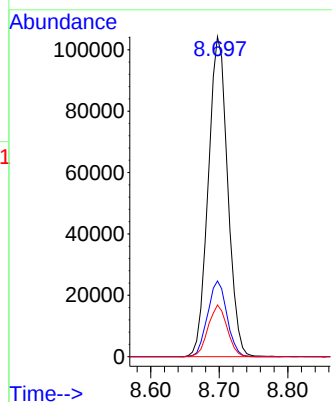
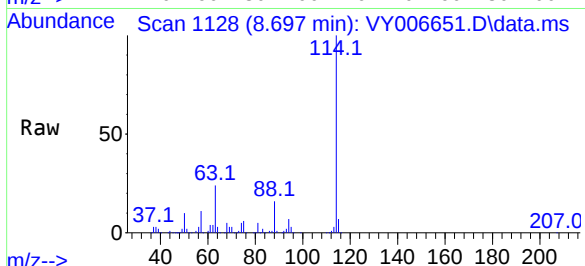
Tgt Ion:114 Resp: 205519

Ion Ratio Lower Upper

114 100

63 23.7 0.0 45.0

88 16.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.810 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY006651.D

Acq: 05 Nov 2021 12:53

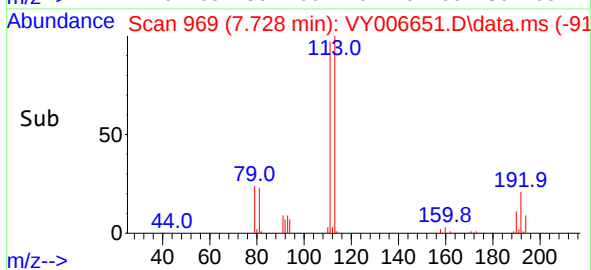
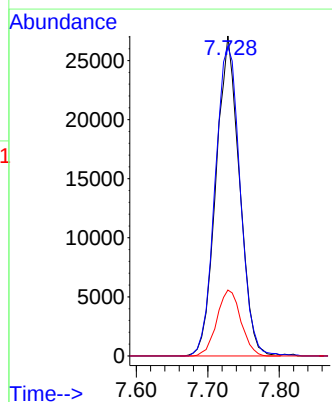
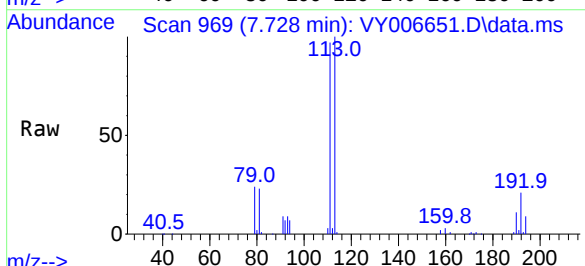
Tgt Ion:113 Resp: 61639

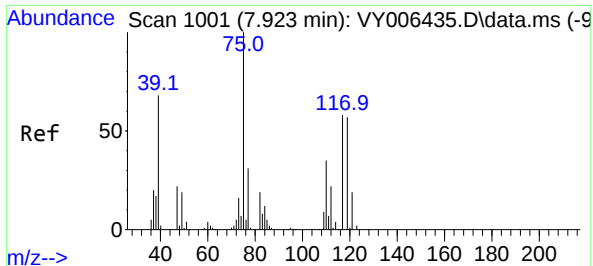
Ion Ratio Lower Upper

113 100

111 103.4 82.3 123.5

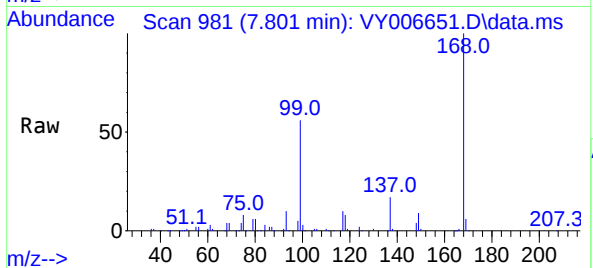
192 21.0 17.4 26.2



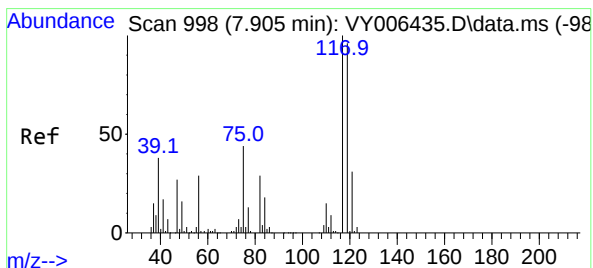
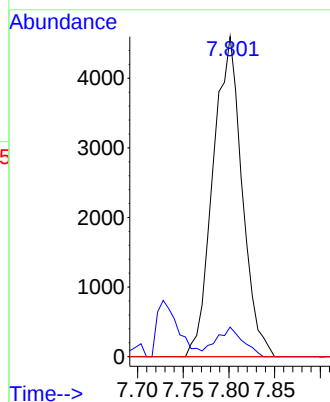
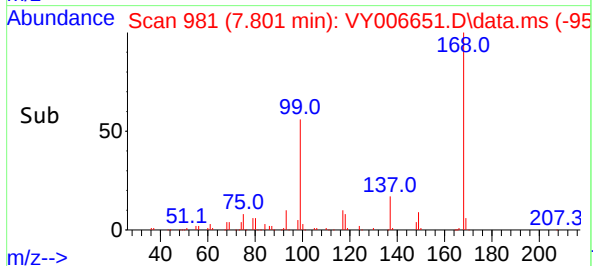


#36
1,1-Dichloropropene
Concen: 5.005 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY006651.D
Acq: 05 Nov 2021 12:53

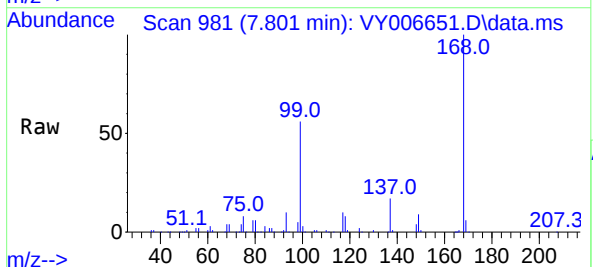
Instrument :
MSVOA_Y
ClientSampleId :



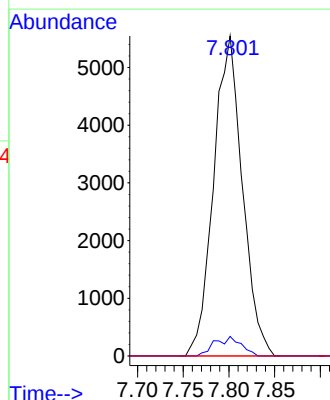
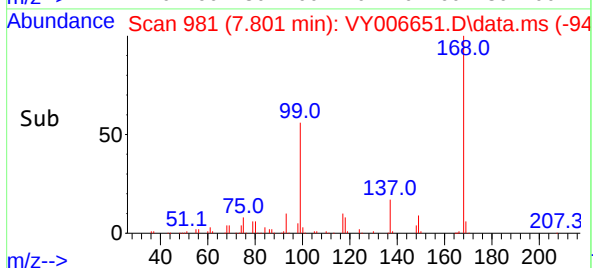
Tgt Ion: 75 Resp: 10164
Ion Ratio Lower Upper
75 100
110 8.4 17.1 51.3#
77 0.0 24.9 37.3#

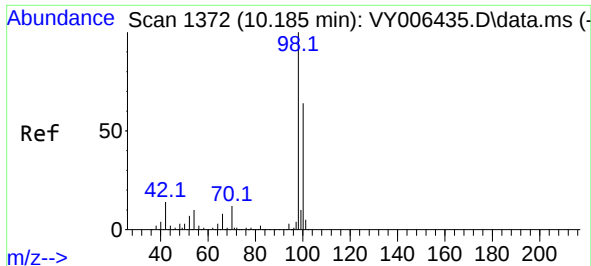


#38
Carbon Tetrachloride
Concen: 5.419 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.104 min
Lab File: VY006651.D
Acq: 05 Nov 2021 12:53



Tgt Ion: 117 Resp: 12139
Ion Ratio Lower Upper
117 100
119 6.1 76.6 115.0#
121 0.0 24.7 37.1#

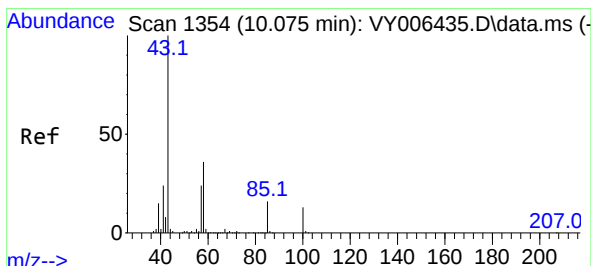
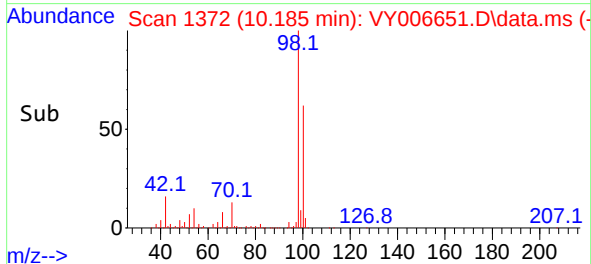
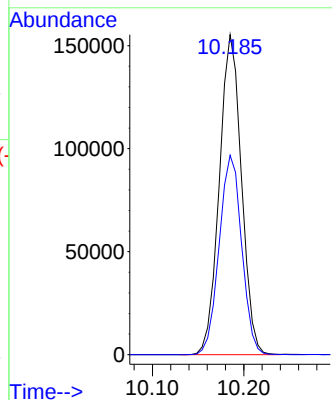
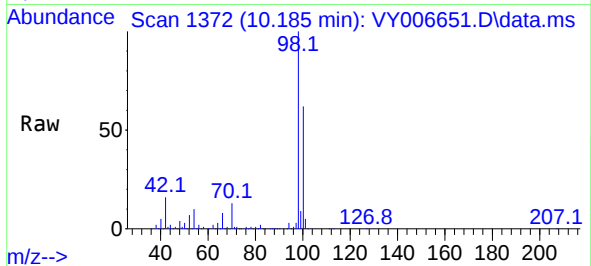




#50
Toluene-d8
Concen: 53.840 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006651.D
Acq: 05 Nov 2021 12:53

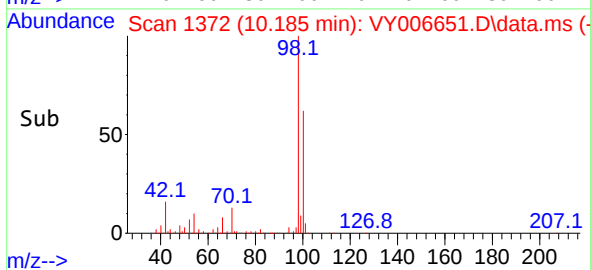
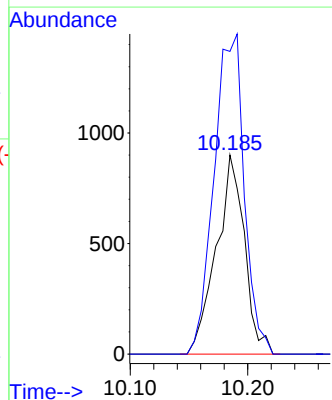
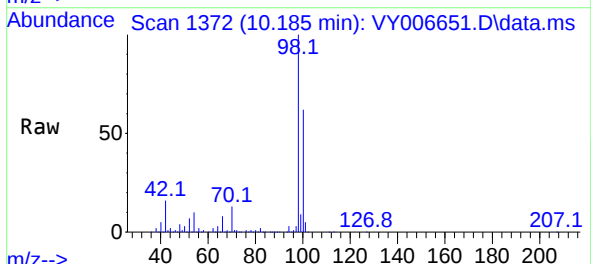
Instrument :
MSVOA_Y
ClientSampleId :

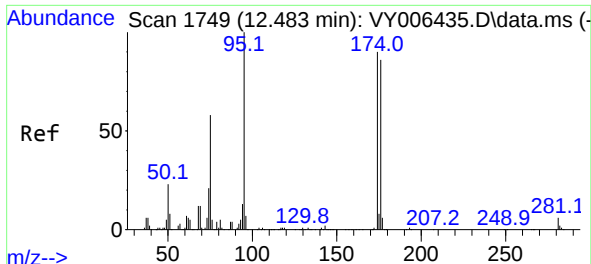
Tgt Ion: 98 Resp: 261444
Ion Ratio Lower Upper
98 100
100 63.3 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 1.146 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY006651.D
Acq: 05 Nov 2021 12:53

Tgt Ion: 43 Resp: 1498
Ion Ratio Lower Upper
43 100
58 173.2 28.7 43.1#

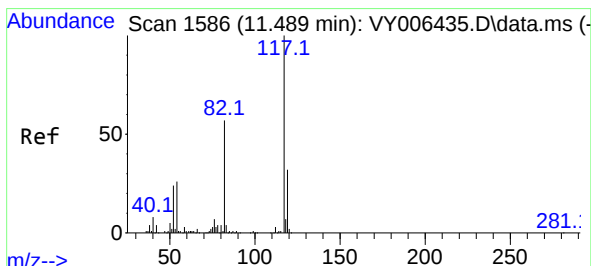
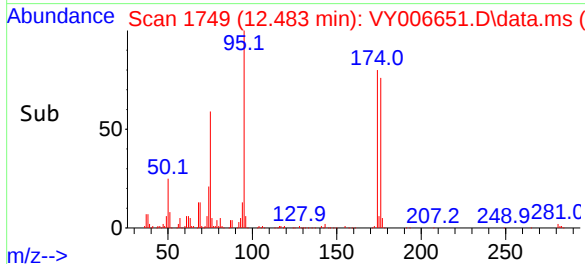
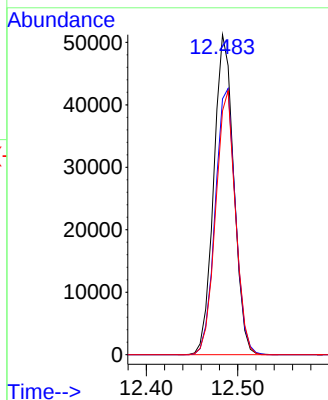
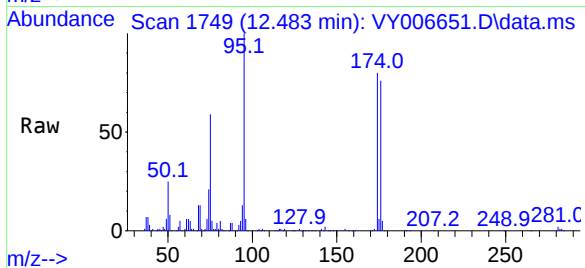




#62
4-Bromofluorobenzene
Concen: 47.580 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY006651.D
Acq: 05 Nov 2021 12:53

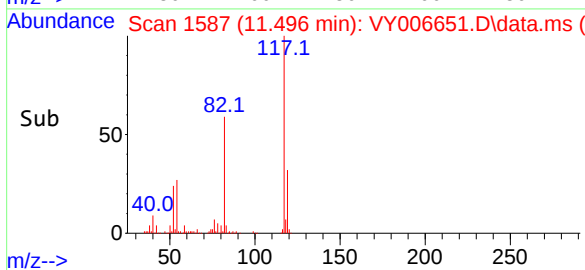
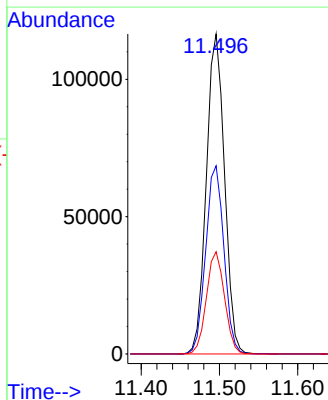
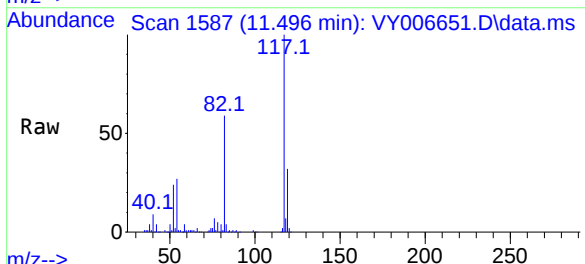
Instrument :
MSVOA_Y
ClientSampleId :

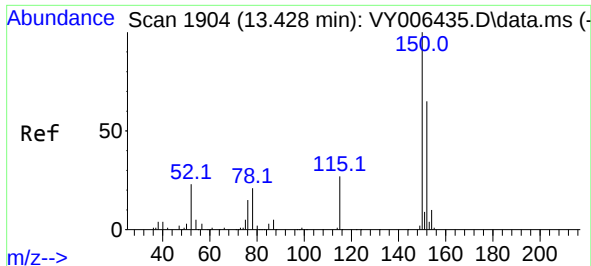
Tgt Ion: 95 Resp: 77831
Ion Ratio Lower Upper
95 100
174 84.2 0.0 177.0
176 81.5 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY006651.D
Acq: 05 Nov 2021 12:53

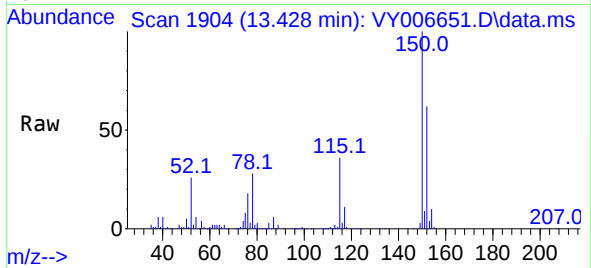
Tgt Ion: 117 Resp: 187825
Ion Ratio Lower Upper
117 100
82 58.8 45.7 68.5
119 32.0 25.5 38.3



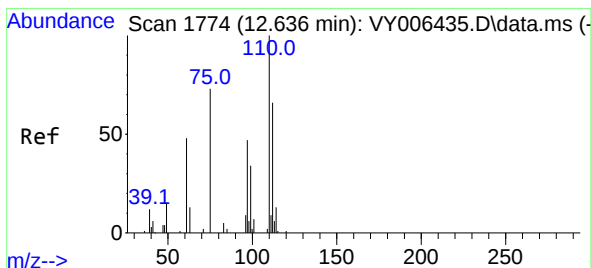
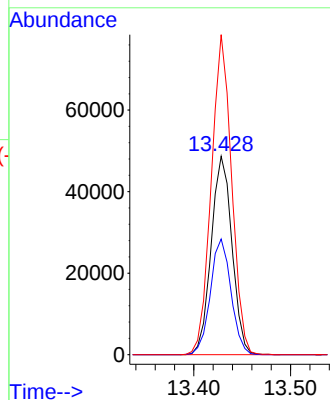
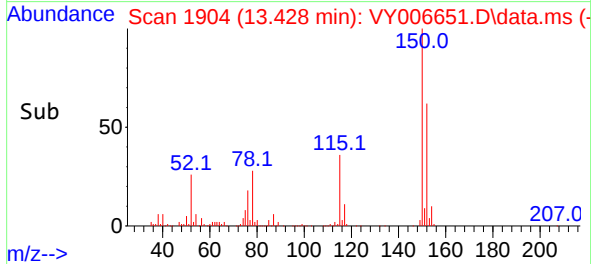


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY006651.D
 Acq: 05 Nov 2021 12:53

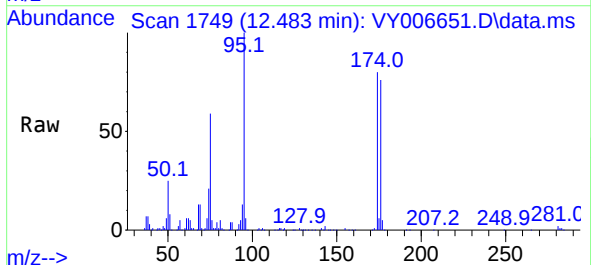
Instrument :
 MSVOA_Y
 ClientSampleId :



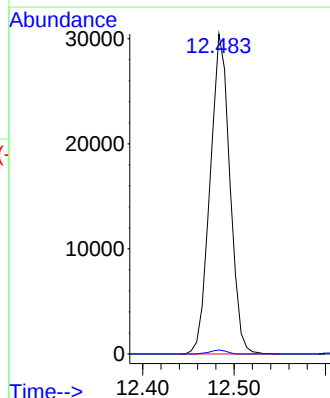
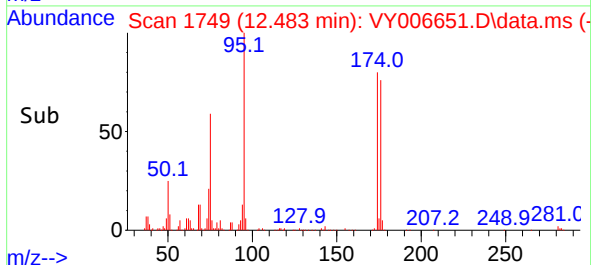
Tgt Ion:152 Resp: 72788
 Ion Ratio Lower Upper
 152 100
 115 57.9 28.5 85.5
 150 157.7 0.0 348.2

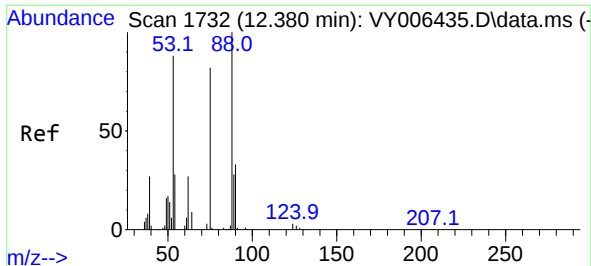


#76
 1,2,3-Trichloropropane
 Concen: 60.839 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY006651.D
 Acq: 05 Nov 2021 12:53



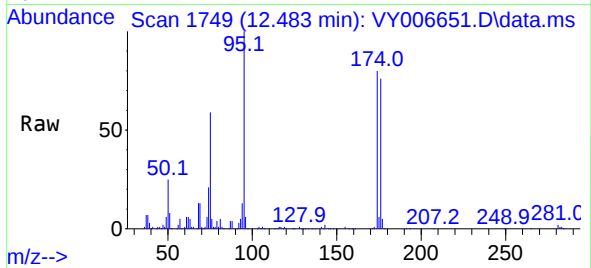
Tgt Ion: 75 Resp: 45633
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 124.900 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY006651.D
 Acq: 05 Nov 2021 12:53

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 45633
 Ion Ratio Lower Upper
 75 100
 53 0.1 85.8 128.6#
 89 0.0 39.3 58.9#

