

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110121\
 Data File : VY006556.D
 Acq On : 01 Nov 2021 16:54
 Operator : SY/MD
 Sample : M4424-05
 Misc : 5.04G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 02 03:30:37 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)

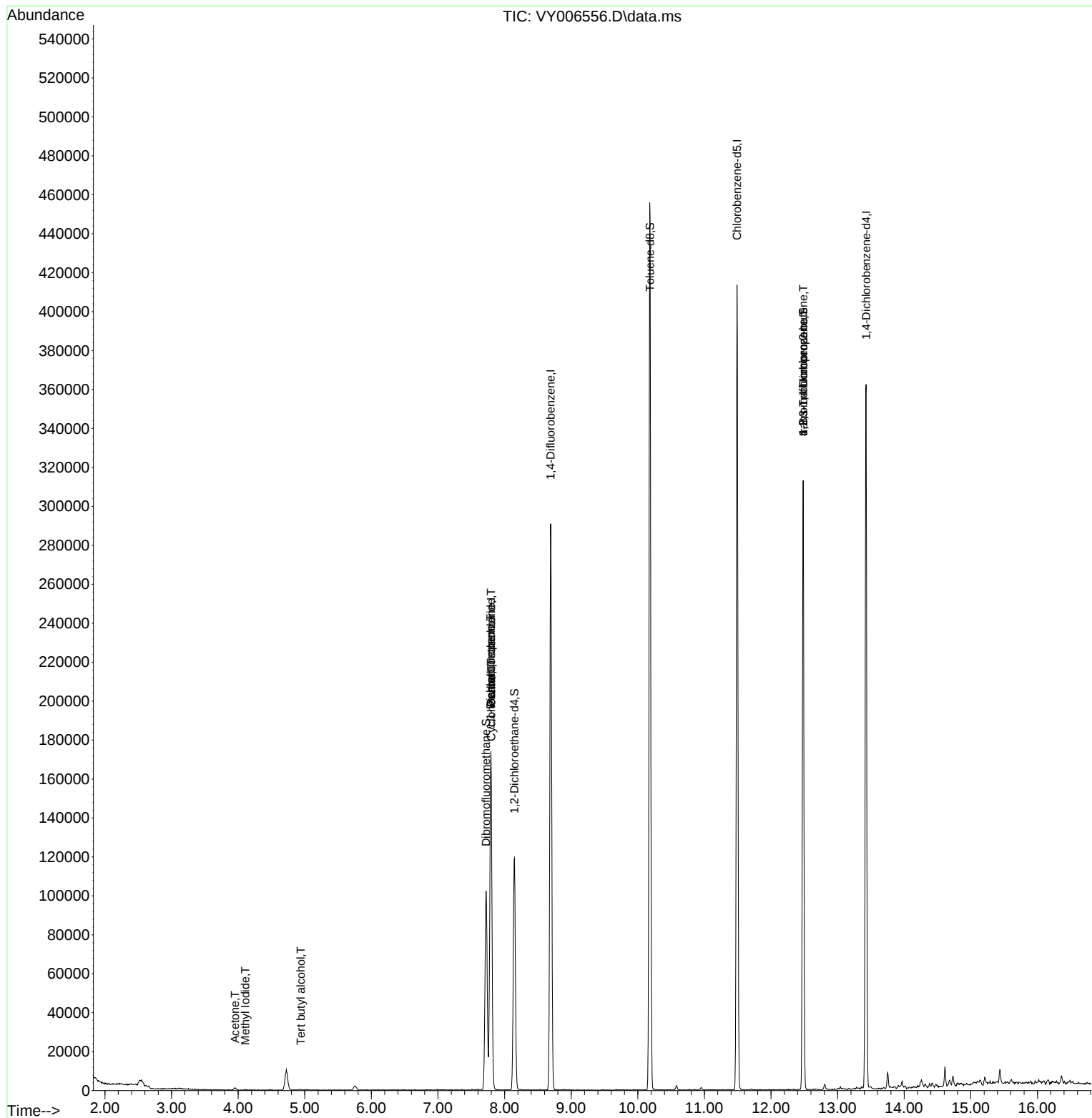
Internal Standards						
1) Pentafluorobenzene	7.795	168	131920	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	226604	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	207577	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	87312	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	95648	58.920	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 117.840%			
35) Dibromofluoromethane	7.722	113	68957	54.597	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.200%			
50) Toluene-d8	10.185	98	285821	53.383	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.760%			
62) 4-Bromofluorobenzene	12.483	95	89951	49.873	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 99.740%			
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.107	142	210	5.205	ug/l #	81
11) Tert butyl alcohol	4.942	59	337	2.285	ug/l #	72
16) Acetone	3.954	43	1809	3.870	ug/l #	87
31) Cyclohexane	7.801	56	3289	1.251	ug/l #	31
36) 1,1-Dichloropropene	7.789	75	11497	5.135	ug/l #	50
38) Carbon Tetrachloride	7.795	117	13228	5.355	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	52224	58.044	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	52224	119.163	ug/l #	7

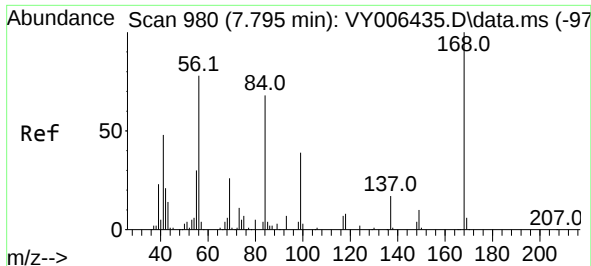
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
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Response via : Initial Calibration

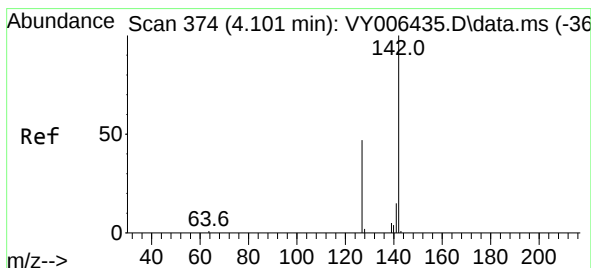
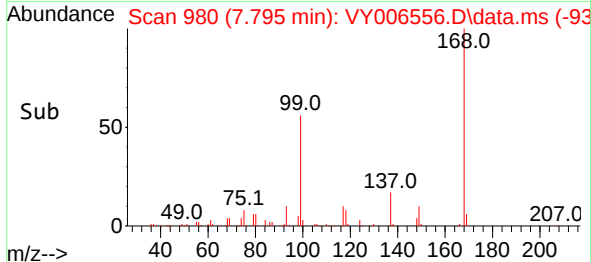
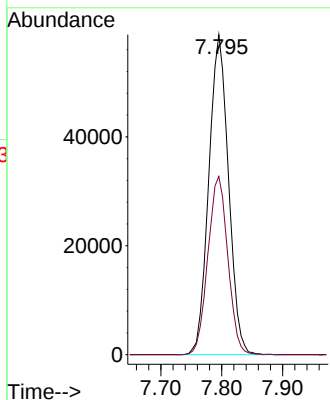
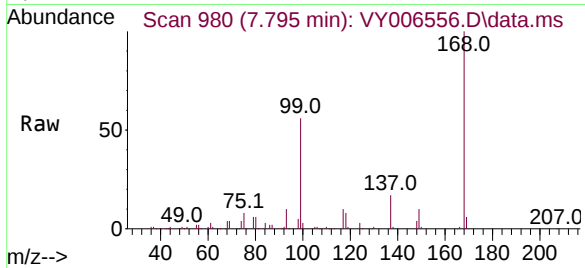




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006556.D
Acq: 01 Nov 2021 16:54

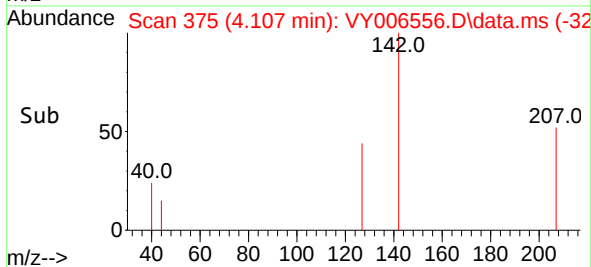
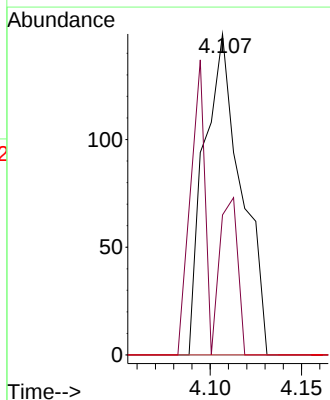
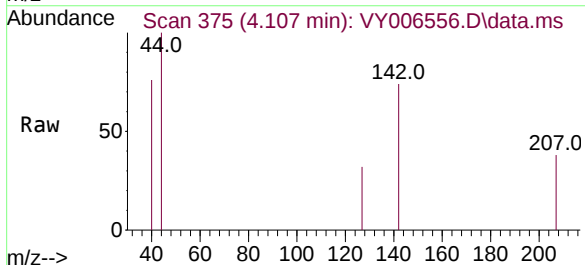
Instrument :
MSVOA_Y
ClientSampleId :

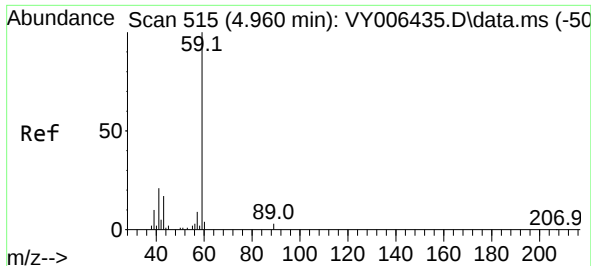
Tgt Ion:168 Resp: 131920
Ion Ratio Lower Upper
168 100
99 55.7 44.8 67.2



#10
Methyl Iodide
Concen: 5.205 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY006556.D
Acq: 01 Nov 2021 16:54

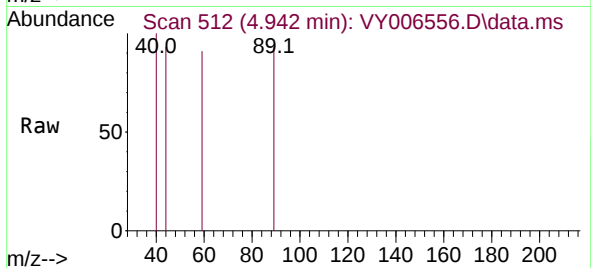
Tgt Ion:142 Resp: 210
Ion Ratio Lower Upper
142 100
127 59.5 40.1 60.1
141 0.0 12.5 18.7#



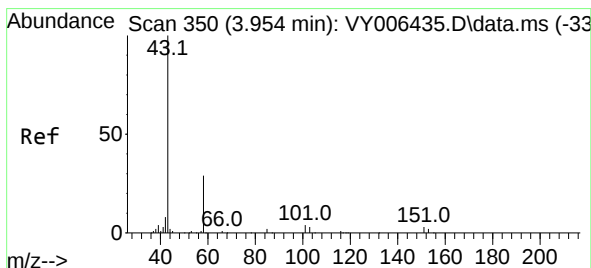
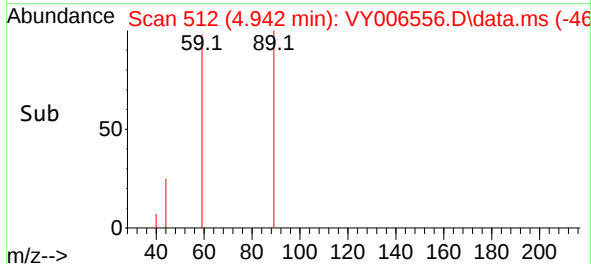
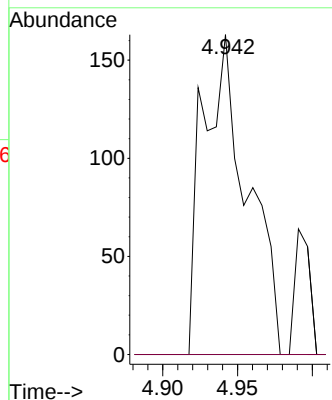


#11
Tert butyl alcohol
Concen: 2.285 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.018 min
Lab File: VY006556.D
Acq: 01 Nov 2021 16:54

Instrument :
MSVOA_Y
ClientSampleId :

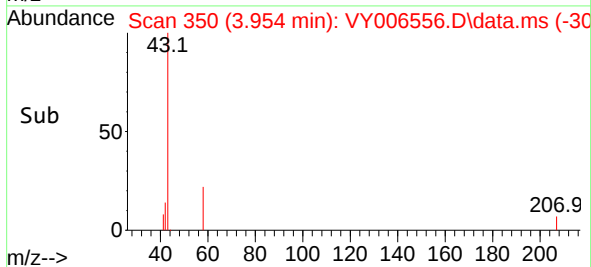
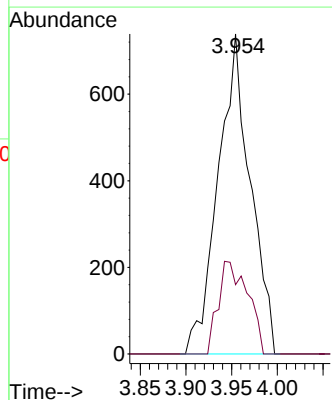
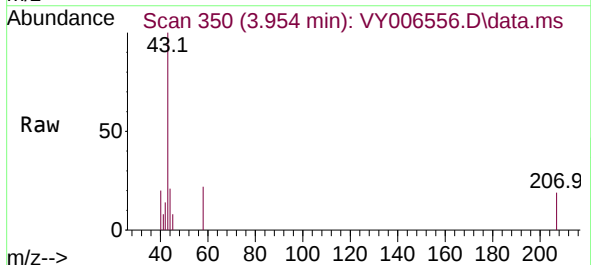


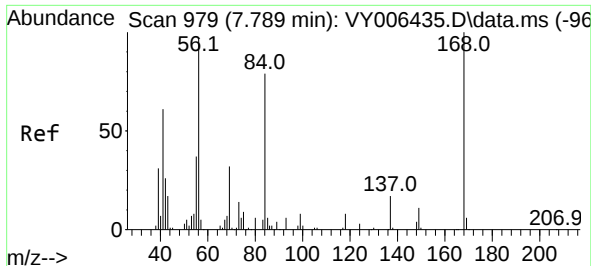
Tgt Ion: 59 Resp: 337
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#16
Acetone
Concen: 3.870 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY006556.D
Acq: 01 Nov 2021 16:54

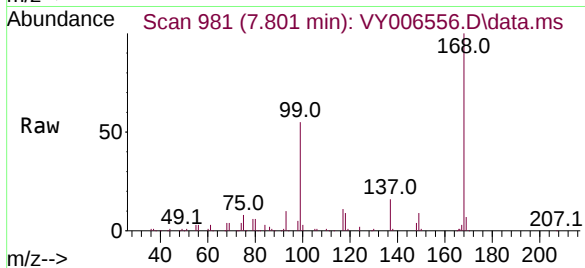
Tgt Ion: 43 Resp: 1809
Ion Ratio Lower Upper
43 100
58 21.7 22.9 34.3#



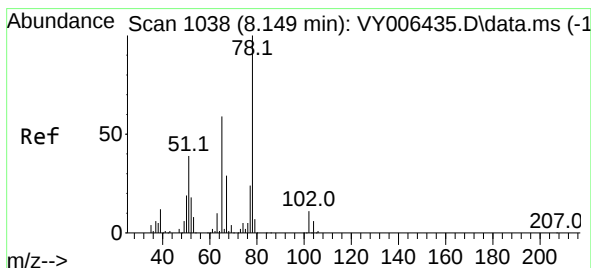
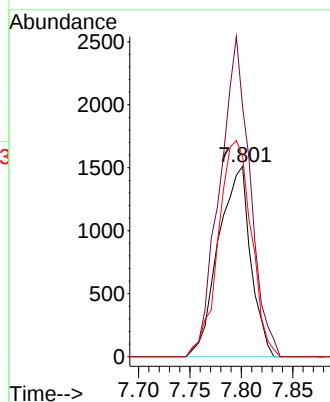
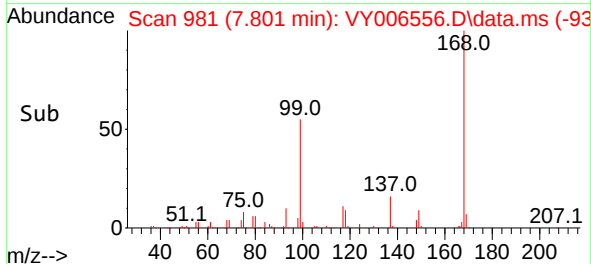


#31
Cyclohexane
Concen: 1.251 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY006556.D
Acq: 01 Nov 2021 16:54

Instrument :
MSVOA_Y
ClientSampleId :

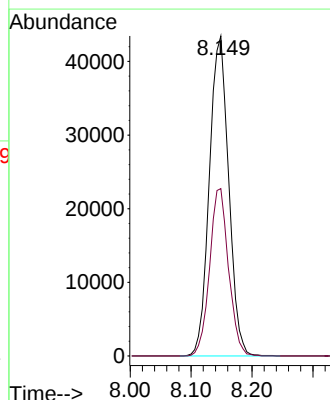
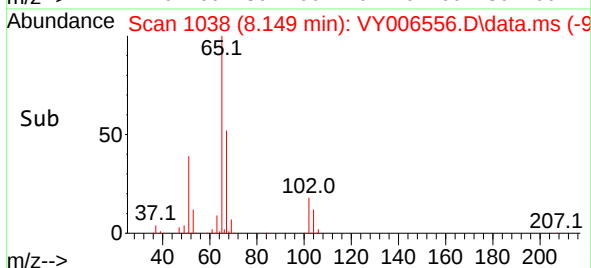
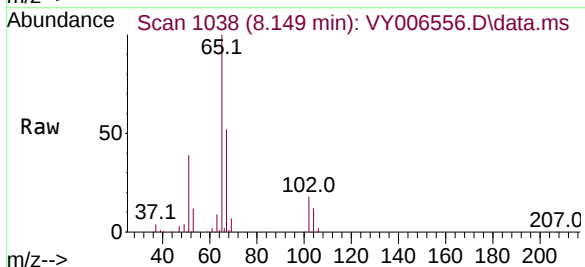


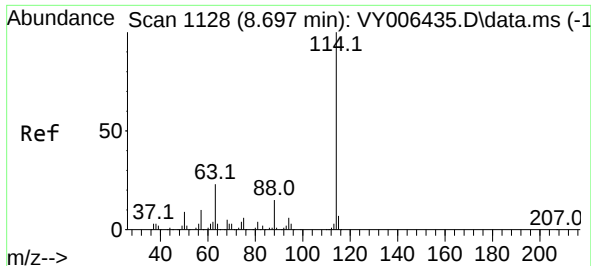
Tgt Ion: 56 Resp: 3289
Ion Ratio Lower Upper
56 100
69 131.2 26.6 40.0#
84 105.3 65.0 97.4#



#33
1,2-Dichloroethane-d4
Concen: 58.920 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006556.D
Acq: 01 Nov 2021 16:54

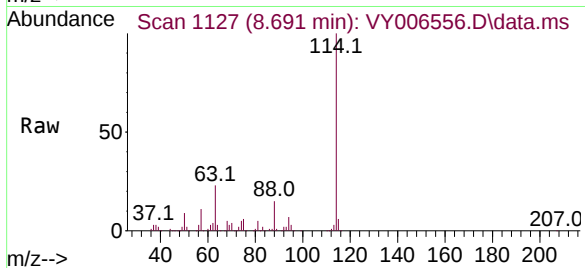
Tgt Ion: 65 Resp: 95648
Ion Ratio Lower Upper
65 100
67 51.3 0.0 98.2



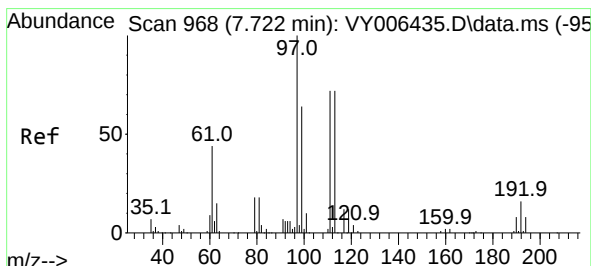
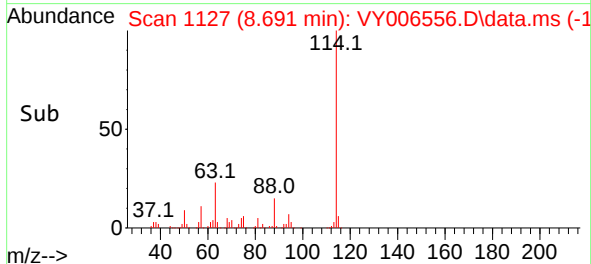
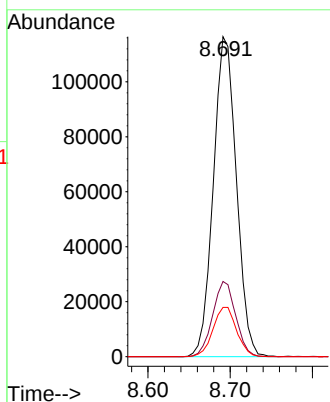


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VY006556.D
Acq: 01 Nov 2021 16:54

Instrument :
MSVOA_Y
ClientSampleId :

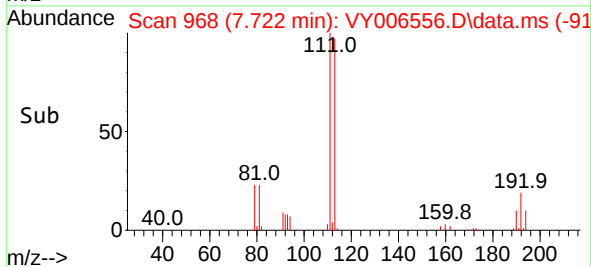
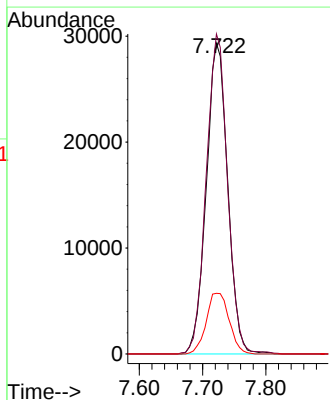
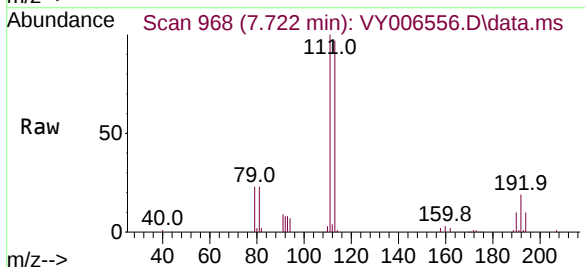


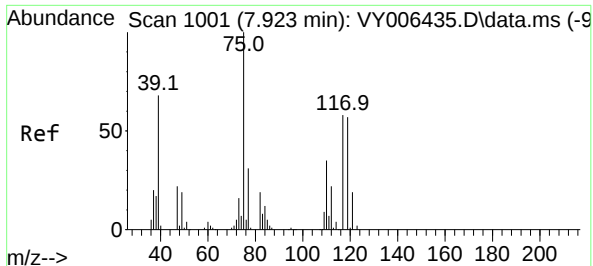
Tgt Ion:114 Resp: 226604
Ion Ratio Lower Upper
114 100
63 23.5 0.0 45.0
88 15.4 0.0 30.6



#35
Dibromofluoromethane
Concen: 54.597 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY006556.D
Acq: 01 Nov 2021 16:54

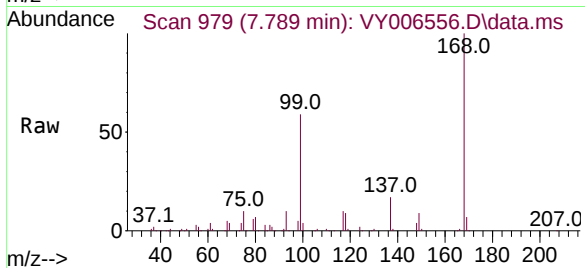
Tgt Ion:113 Resp: 68957
Ion Ratio Lower Upper
113 100
111 102.4 82.3 123.5
192 20.9 17.4 26.2



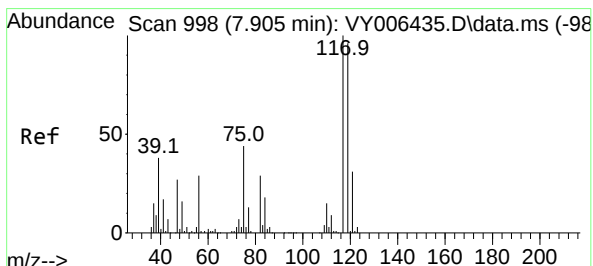
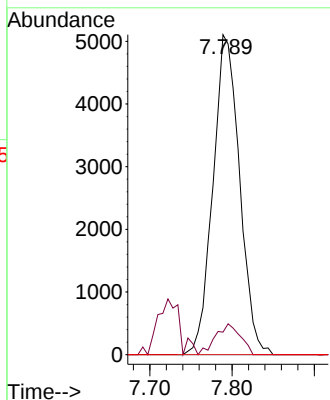
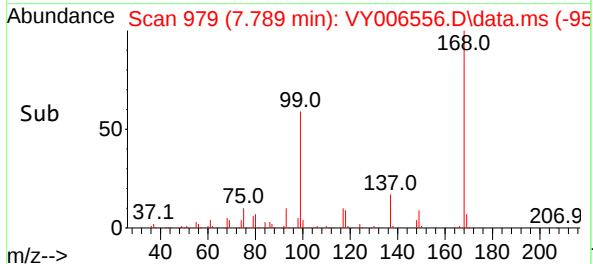


#36
 1,1-Dichloropropene
 Concen: 5.135 ug/l
 RT: 7.789 min Scan# 91
 Delta R.T. -0.134 min
 Lab File: VY006556.D
 Acq: 01 Nov 2021 16:54

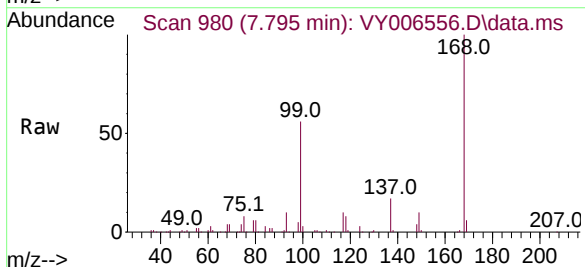
Instrument :
 MSVOA_Y
 ClientSampleId :



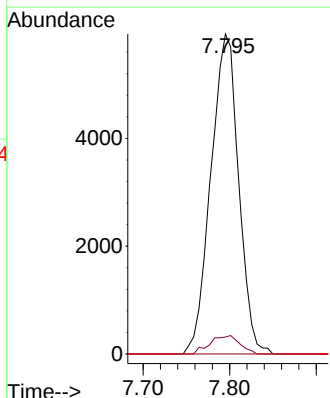
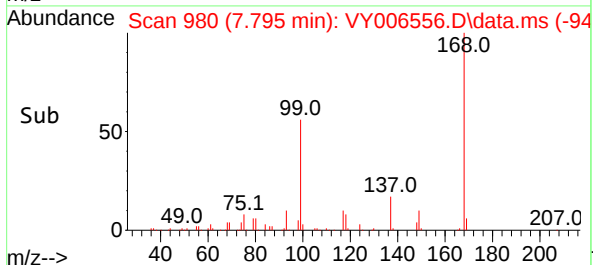
Tgt Ion: 75 Resp: 11497
 Ion Ratio Lower Upper
 75 100
 110 8.9 17.1 51.3#
 77 0.0 24.9 37.3#

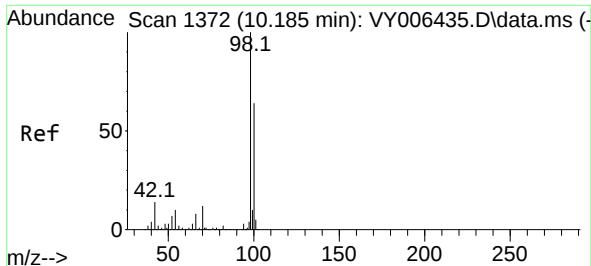


#38
 Carbon Tetrachloride
 Concen: 5.355 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.110 min
 Lab File: VY006556.D
 Acq: 01 Nov 2021 16:54



Tgt Ion: 117 Resp: 13228
 Ion Ratio Lower Upper
 117 100
 119 5.3 76.6 115.0#
 121 0.0 24.7 37.1#

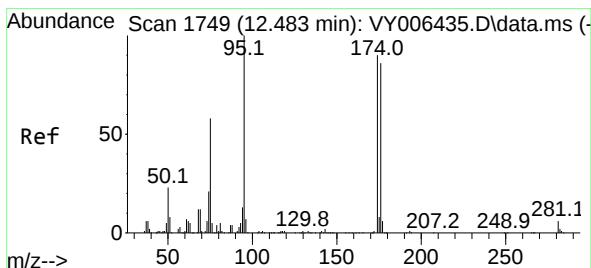
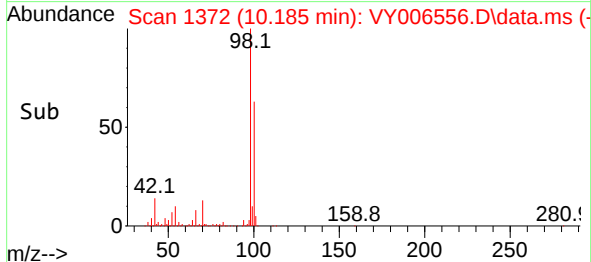
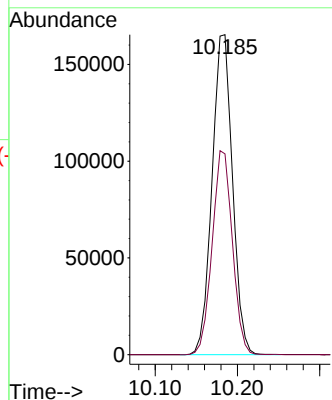
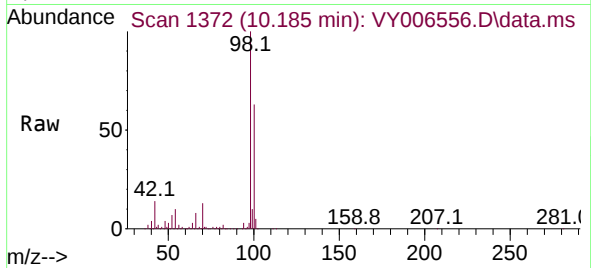




#50
Toluene-d8
Concen: 53.383 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006556.D
Acq: 01 Nov 2021 16:54

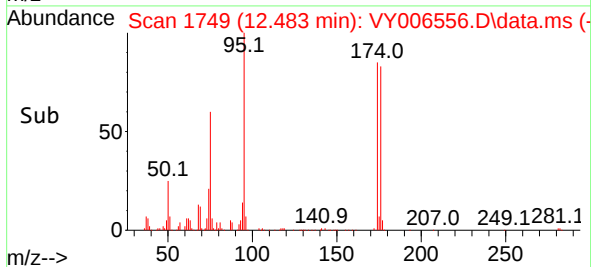
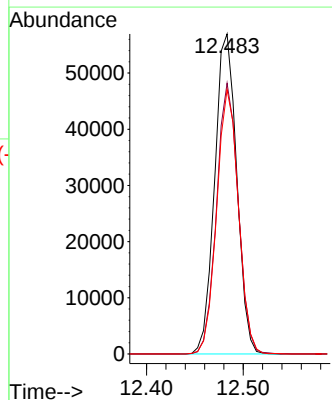
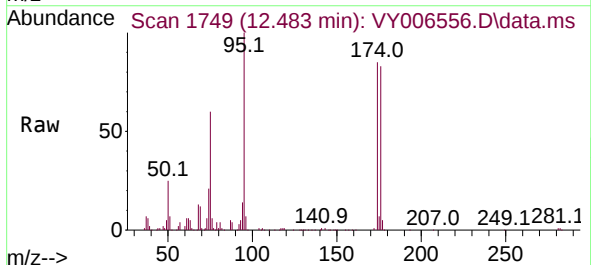
Instrument :
MSVOA_Y
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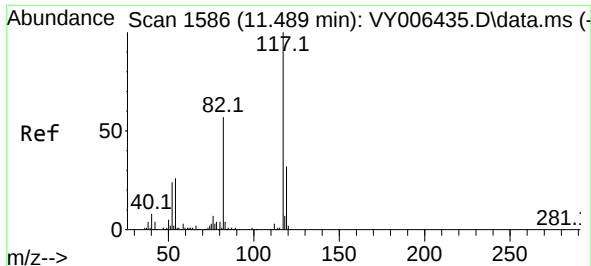
Tgt Ion: 98 Resp: 285821
Ion Ratio Lower Upper
98 100
100 63.1 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 49.873 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006556.D
Acq: 01 Nov 2021 16:54

Tgt Ion: 95 Resp: 89951
Ion Ratio Lower Upper
95 100
174 83.0 0.0 177.0
176 81.4 0.0 169.4

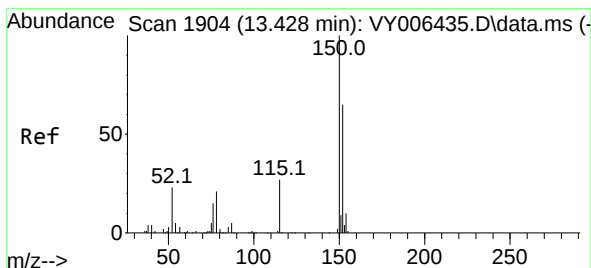
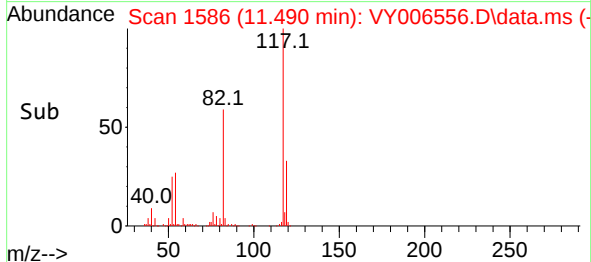
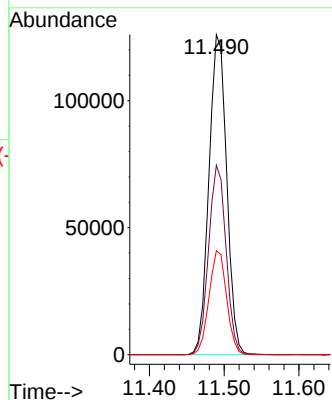
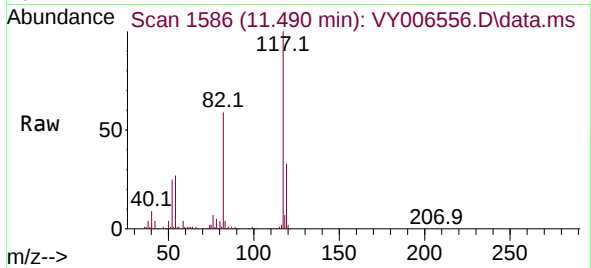




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11586
Delta R.T. 0.000 min
Lab File: VY006556.D
Acq: 01 Nov 2021 16:54

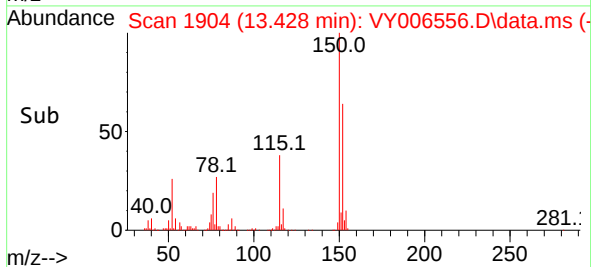
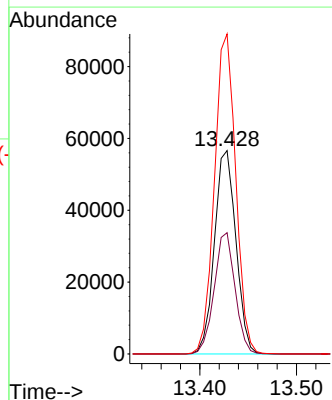
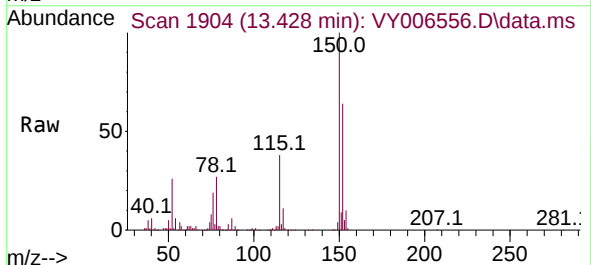
Instrument :
MSVOA_Y
ClientSampleId :

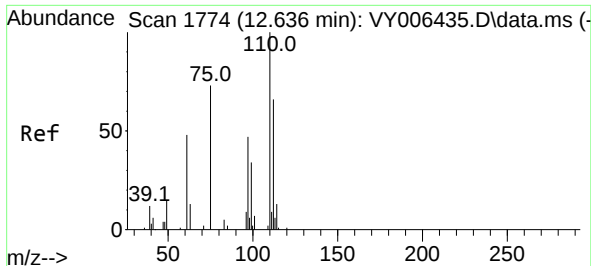
Tgt Ion:117 Resp: 207577
Ion Ratio Lower Upper
117 100
82 59.2 45.7 68.5
119 32.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006556.D
Acq: 01 Nov 2021 16:54

Tgt Ion:152 Resp: 87312
Ion Ratio Lower Upper
152 100
115 58.0 28.5 85.5
150 155.6 0.0 348.2

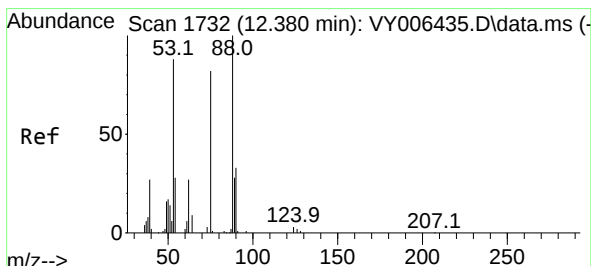
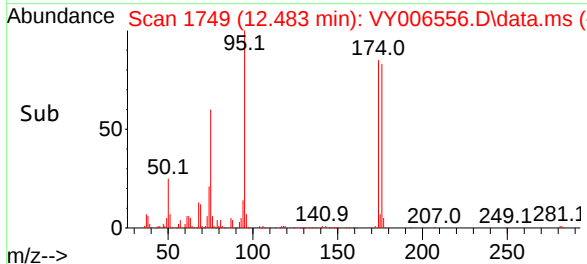
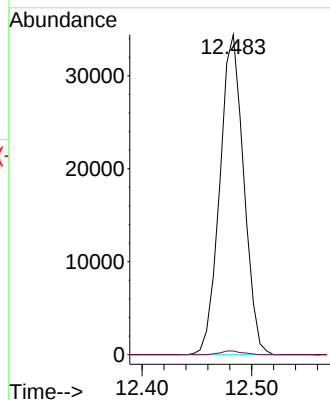
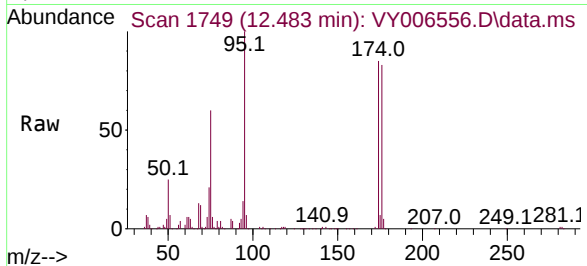




#76
1,2,3-Trichloropropane
Concen: 58.044 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006556.D
Acq: 01 Nov 2021 16:54

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 52224
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 119.163 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006556.D
Acq: 01 Nov 2021 16:54

Tgt Ion: 75 Resp: 52224
Ion Ratio Lower Upper
75 100
53 0.2 85.8 128.6#
89 0.0 39.3 58.9#

