

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102821\
 Data File : VY006511.D
 Acq On : 28 Oct 2021 13:25
 Operator : SY/MD
 Sample : M4388-01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 29 05:05:54 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)

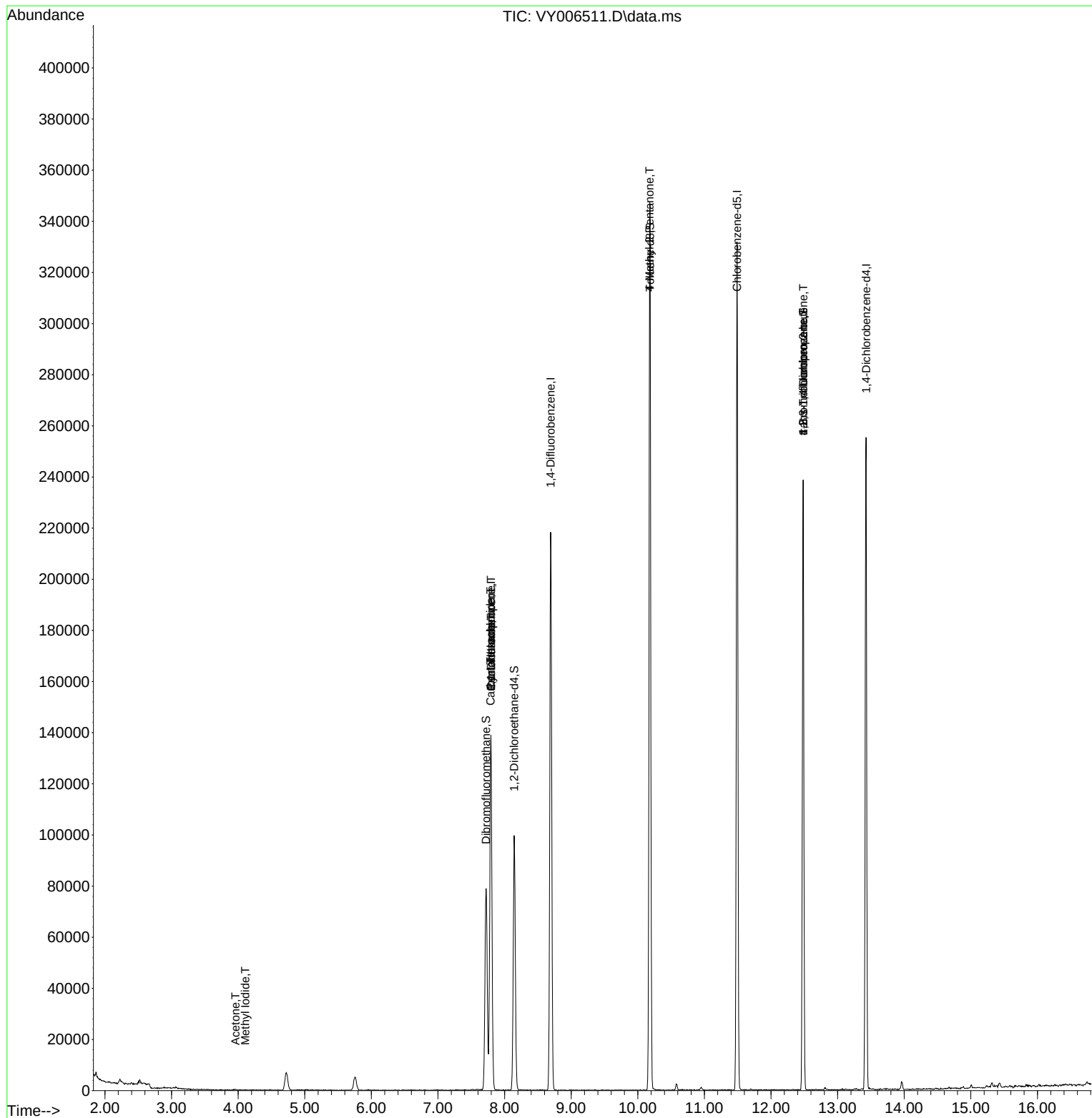
Internal Standards						
1) Pentafluorobenzene	7.795	168	105339	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	175380	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	162166	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	62697	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	79036	60.972	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.940%	
35) Dibromofluoromethane	7.722	113	53034	54.254	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.500%	
50) Toluene-d8	10.185	98	223463	53.926	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.860%	
62) 4-Bromofluorobenzene	12.483	95	64188	45.984	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 91.960%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.107	142	199	5.232	ug/l #	36
16) Acetone	3.960	43	513	1.374	ug/l	91
31) Cyclohexane	7.795	56	2470	1.177	ug/l #	11
36) 1,1-Dichloropropene	7.795	75	8590	4.957	ug/l #	50
38) Carbon Tetrachloride	7.789	117	10281	5.378	ug/l #	16
51) 4-Methyl-2-Pentanone	10.179	43	1248	1.119	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	38585	59.722	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	38585	122.607	ug/l #	7

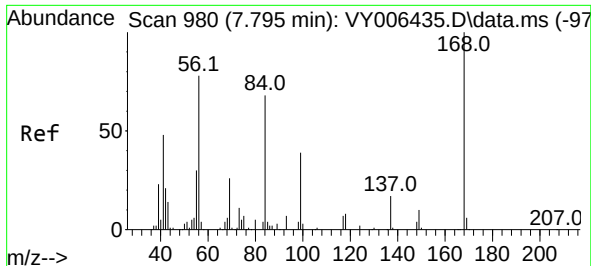
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 29 05:05:54 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
Quant Title : SW846 8260
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Response via : Initial Calibration

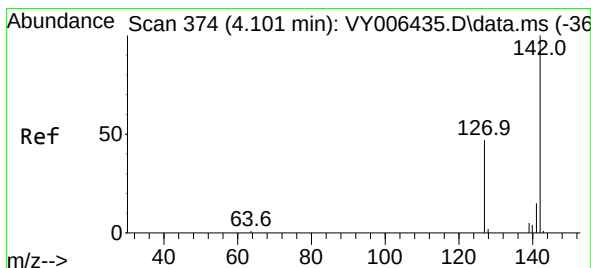
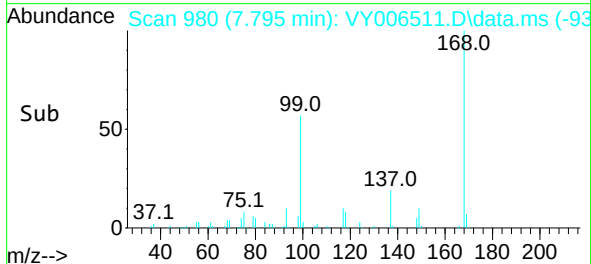
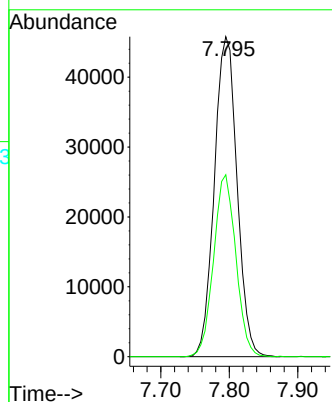
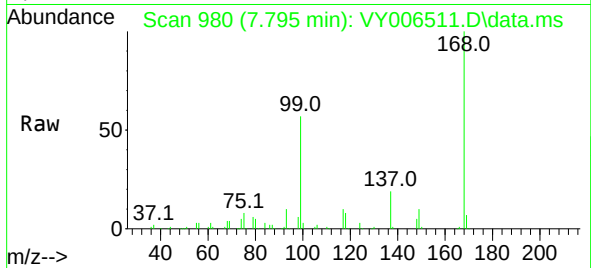




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006511.D
Acq: 28 Oct 2021 13:25

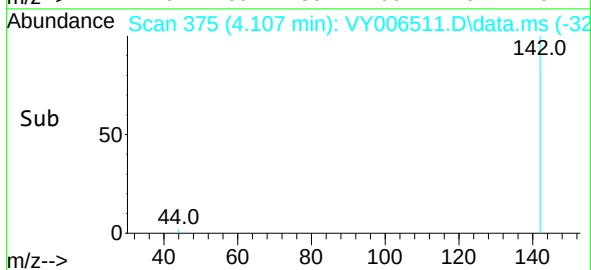
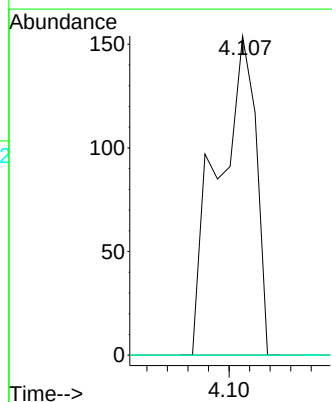
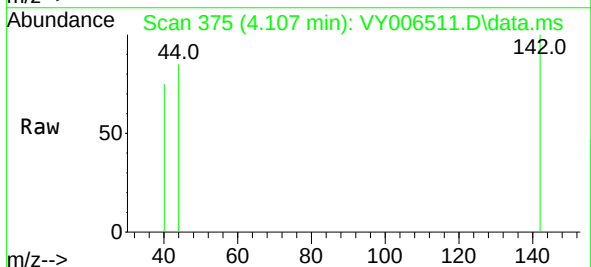
Instrument :
MSVOA_Y
ClientSampleId :

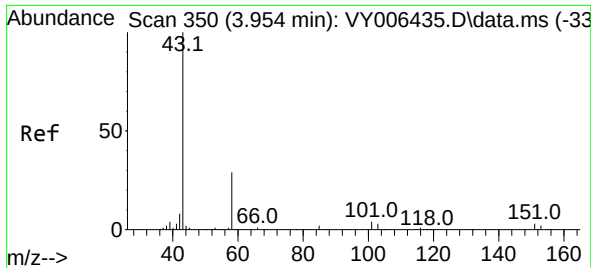
Tgt Ion:168 Resp: 105339
Ion Ratio Lower Upper
168 100
99 56.9 44.8 67.2



#10
Methyl Iodide
Concen: 5.232 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY006511.D
Acq: 28 Oct 2021 13:25

Tgt Ion:142 Resp: 199
Ion Ratio Lower Upper
142 100
127 0.0 40.1 60.1#
141 0.0 12.5 18.7#

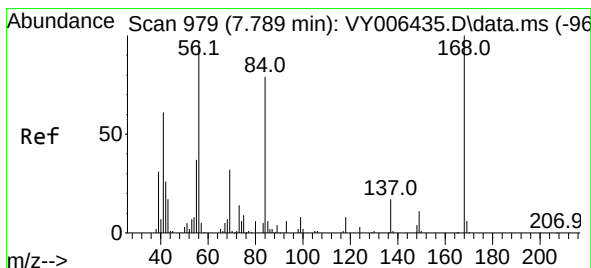
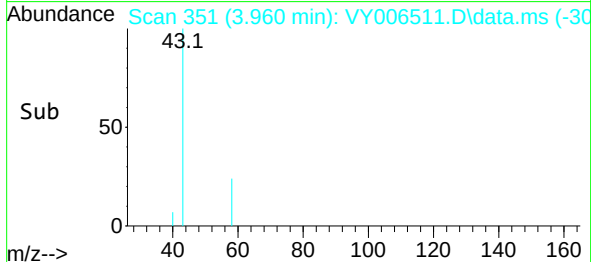
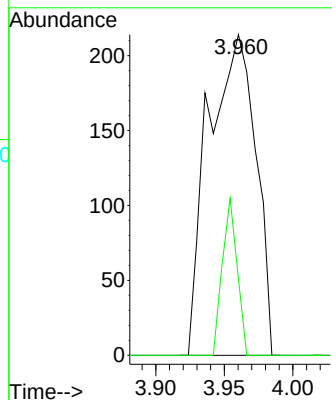
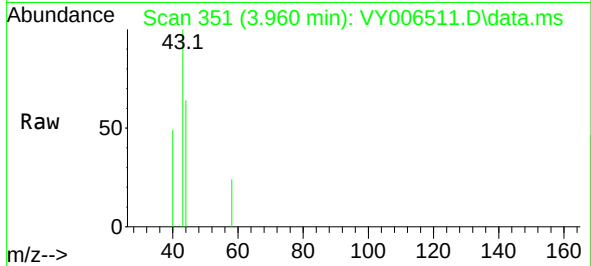




#16
Acetone
Concen: 1.374 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY006511.D
Acq: 28 Oct 2021 13:25

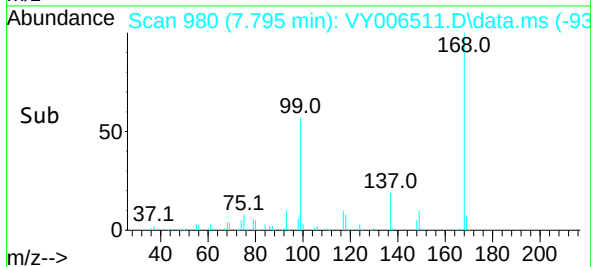
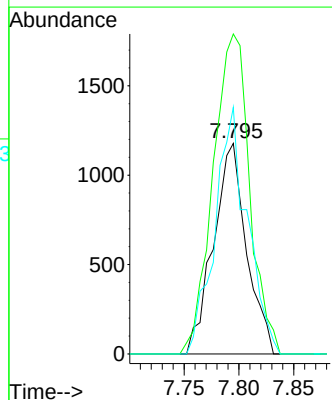
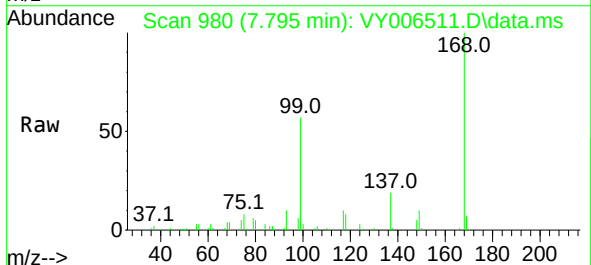
Instrument :
MSVOA_Y
ClientSampled :

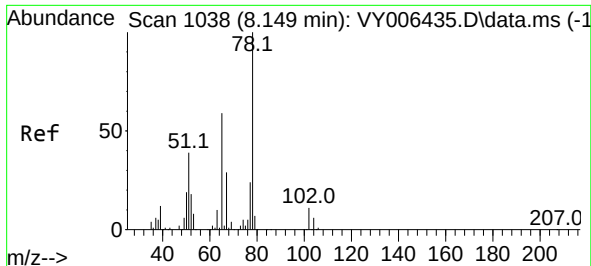
Tgt Ion: 43 Resp: 513
Ion Ratio Lower Upper
43 100
58 23.8 22.9 34.3



#31
Cyclohexane
Concen: 1.177 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY006511.D
Acq: 28 Oct 2021 13:25

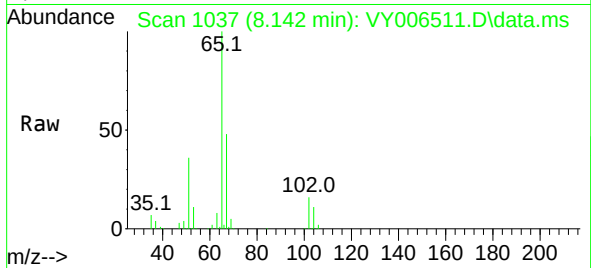
Tgt Ion: 56 Resp: 2470
Ion Ratio Lower Upper
56 100
69 152.0 26.6 40.0#
84 117.1 65.0 97.4#



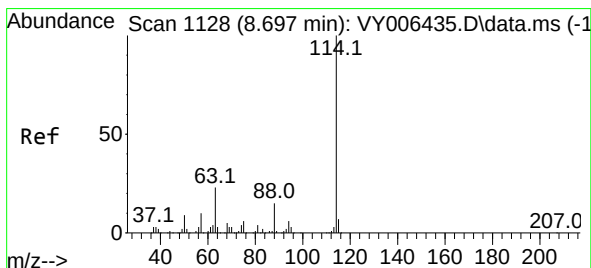
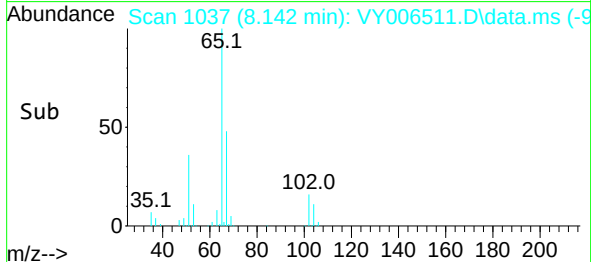
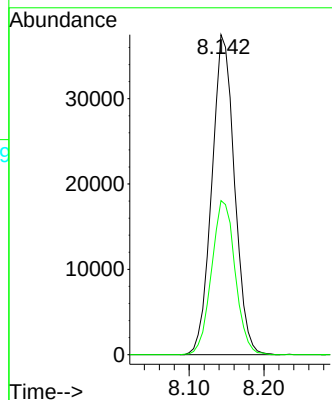


#33
 1,2-Dichloroethane-d4
 Concen: 60.972 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. -0.006 min
 Lab File: VY006511.D
 Acq: 28 Oct 2021 13:25

Instrument :
 MSVOA_Y
 ClientSampleId :

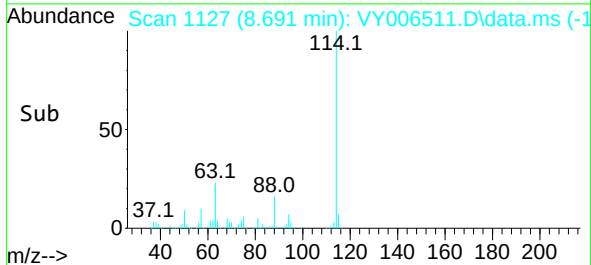
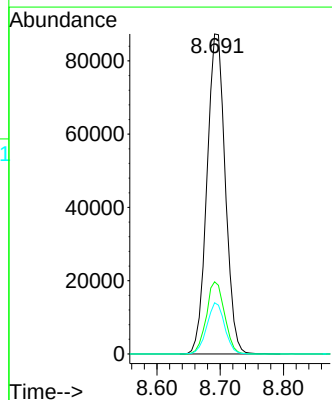
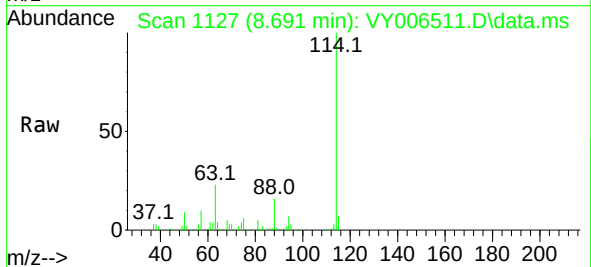


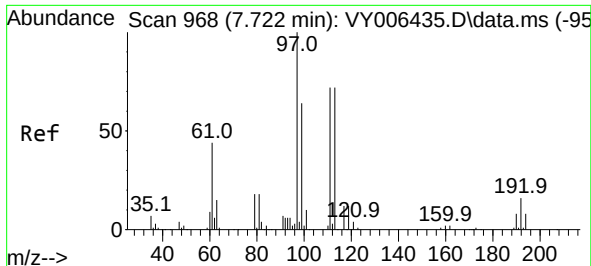
Tgt Ion: 65 Resp: 79036
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 98.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.006 min
 Lab File: VY006511.D
 Acq: 28 Oct 2021 13:25

Tgt Ion: 114 Resp: 175380
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 45.0
 88 16.0 0.0 30.6

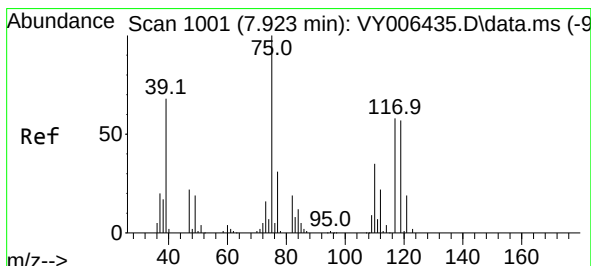
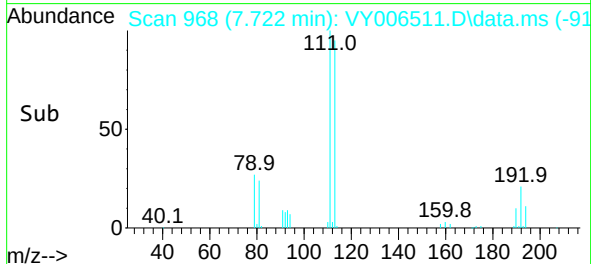
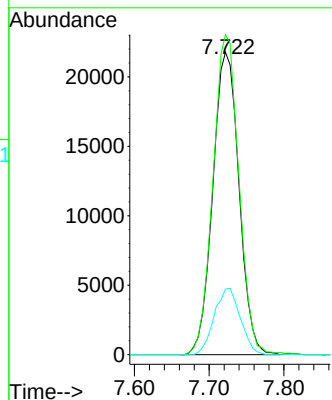
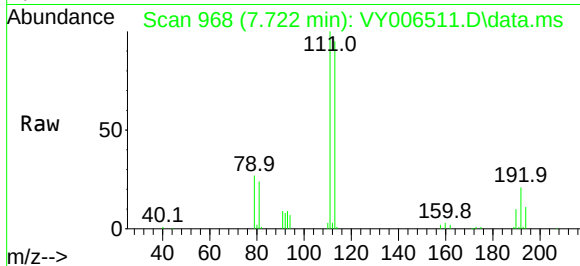




#35
Dibromofluoromethane
Concen: 54.254 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY006511.D
Acq: 28 Oct 2021 13:25

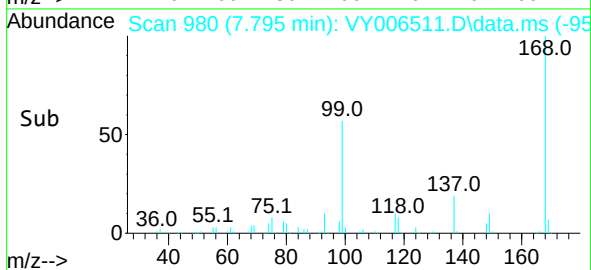
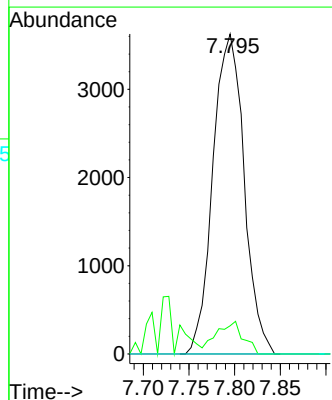
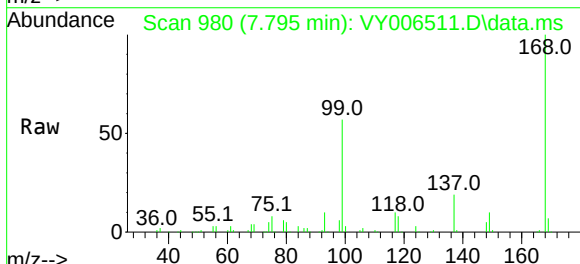
Instrument :
MSVOA_Y
ClientSampleId :

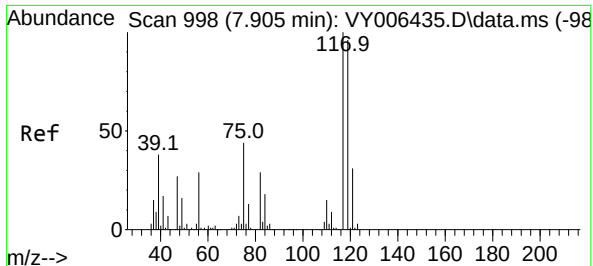
Tgt Ion:113 Resp: 53034
Ion Ratio Lower Upper
113 100
111 104.8 82.3 123.5
192 21.8 17.4 26.2



#36
1,1-Dichloropropene
Concen: 4.957 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006511.D
Acq: 28 Oct 2021 13:25

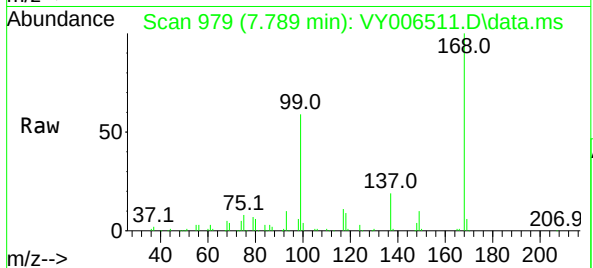
Tgt Ion: 75 Resp: 8590
Ion Ratio Lower Upper
75 100
110 8.7 17.1 51.3#
77 0.0 24.9 37.3#



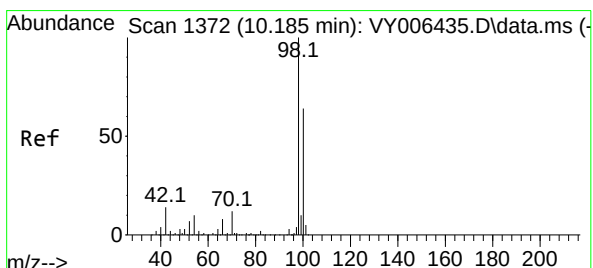
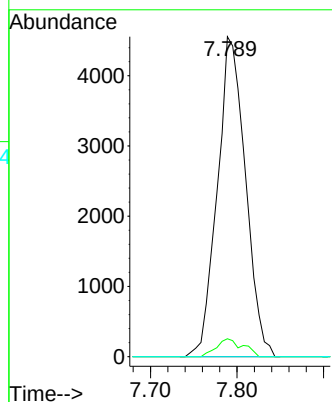
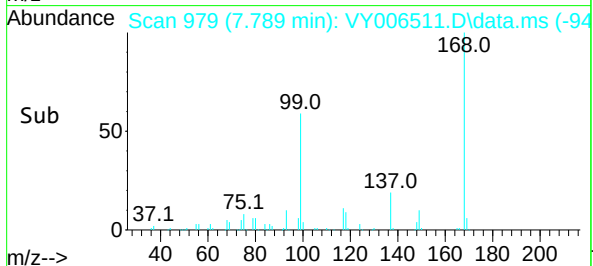


#38
Carbon Tetrachloride
Concen: 5.378 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.116 min
Lab File: VY006511.D
Acq: 28 Oct 2021 13:25

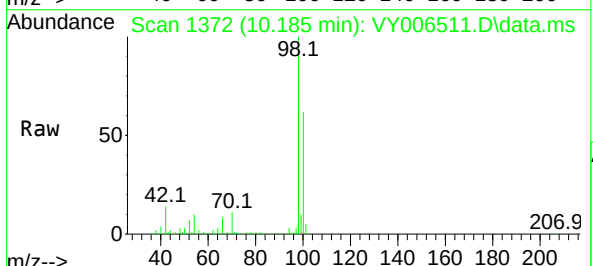
Instrument :
MSVOA_Y
ClientSampleId :



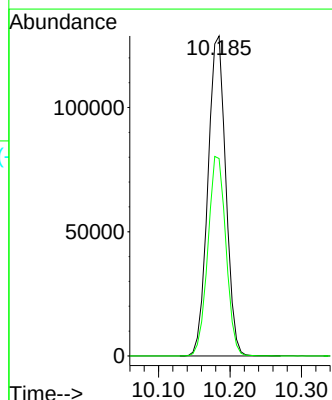
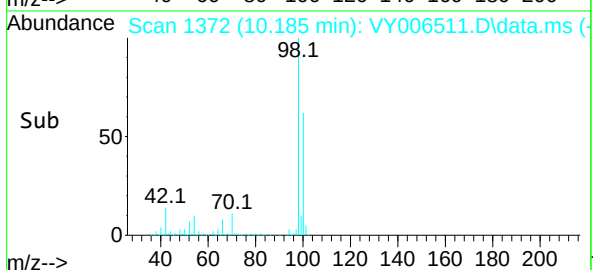
Tgt Ion:117 Resp: 10281
Ion Ratio Lower Upper
117 100
119 5.6 76.6 115.0#
121 0.0 24.7 37.1#

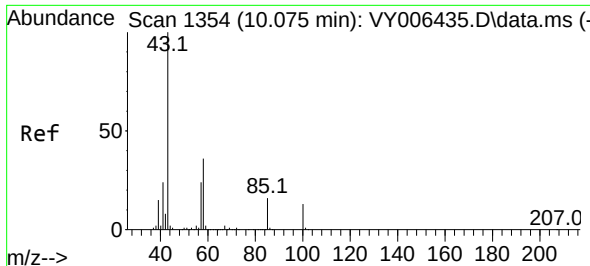


#50
Toluene-d8
Concen: 53.926 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006511.D
Acq: 28 Oct 2021 13:25



Tgt Ion: 98 Resp: 223463
Ion Ratio Lower Upper
98 100
100 63.0 50.9 76.3

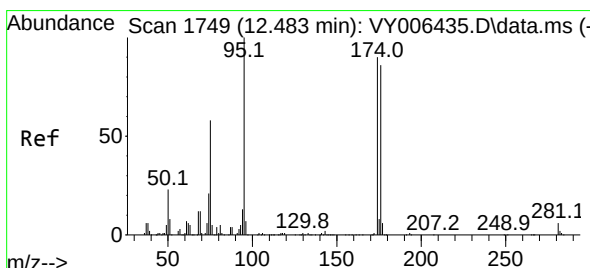
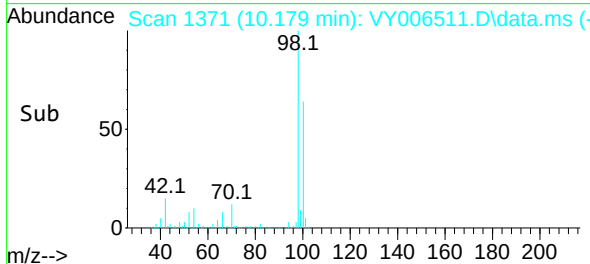
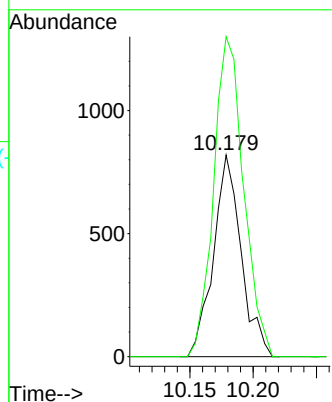
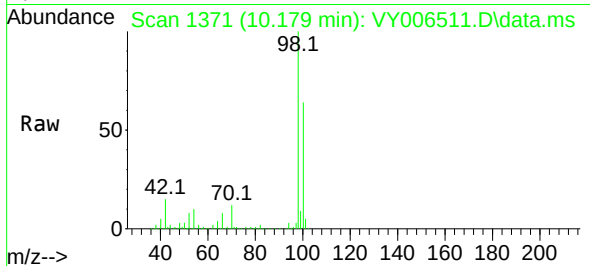




#51
4-Methyl-2-Pentanone
Concen: 1.119 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.104 min
Lab File: VY006511.D
Acq: 28 Oct 2021 13:25

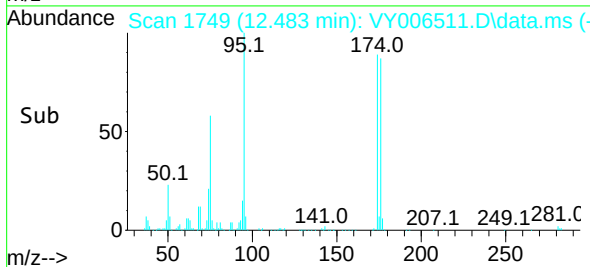
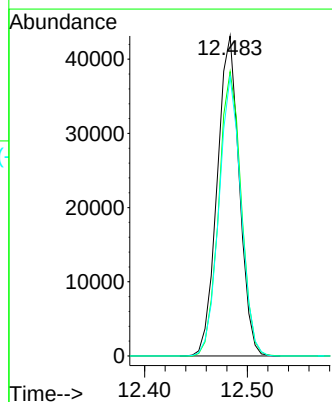
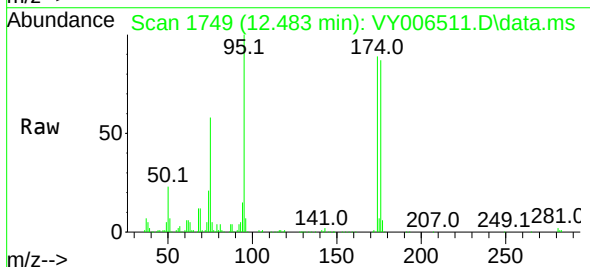
Instrument :
MSVOA_Y
ClientSampled :

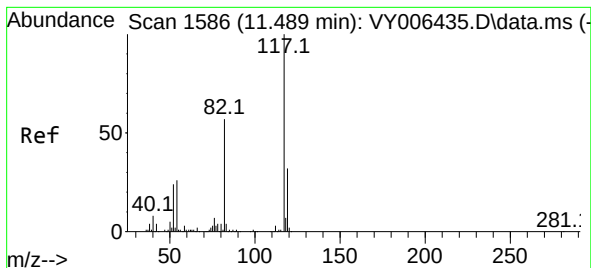
Tgt Ion: 43 Resp: 1248
Ion Ratio Lower Upper
43 100
58 171.8 28.7 43.1#



#62
4-Bromofluorobenzene
Concen: 45.984 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006511.D
Acq: 28 Oct 2021 13:25

Tgt Ion: 95 Resp: 64188
Ion Ratio Lower Upper
95 100
174 90.2 0.0 177.0
176 87.2 0.0 169.4

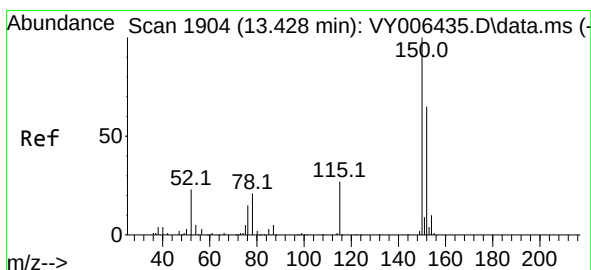
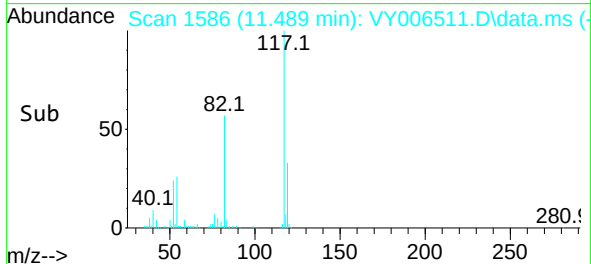
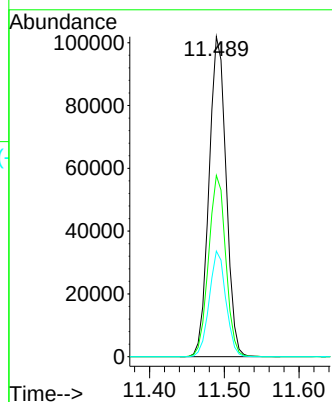
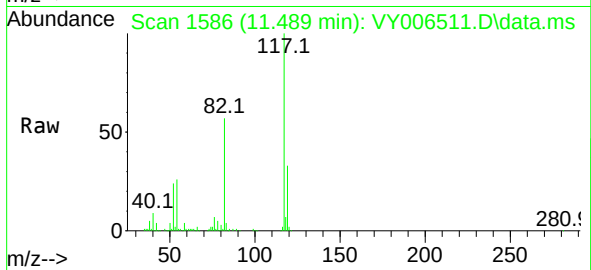




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY006511.D
Acq: 28 Oct 2021 13:25

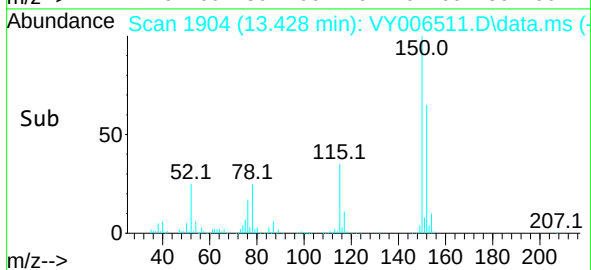
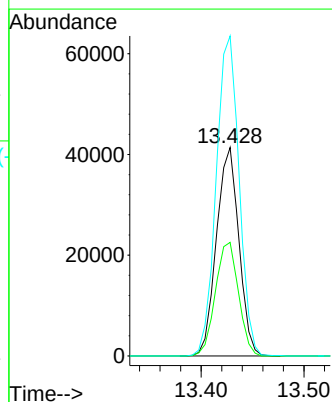
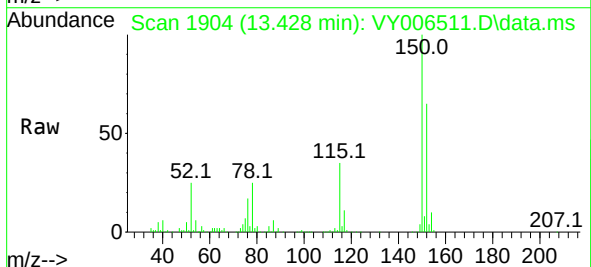
Instrument :
MSVOA_Y
ClientSampleId :

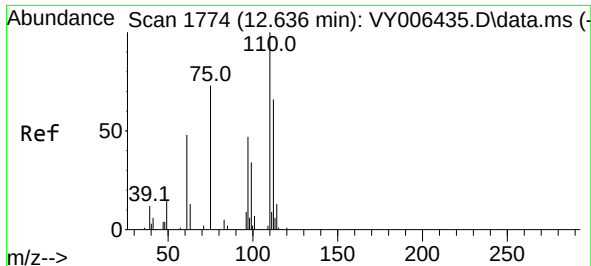
Tgt Ion:117 Resp: 162166
Ion Ratio Lower Upper
117 100
82 56.6 45.7 68.5
119 33.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006511.D
Acq: 28 Oct 2021 13:25

Tgt Ion:152 Resp: 62697
Ion Ratio Lower Upper
152 100
115 56.0 28.5 85.5
150 156.3 0.0 348.2

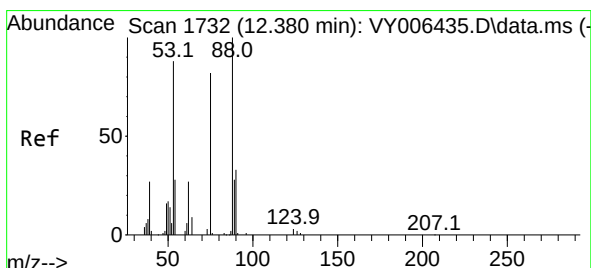
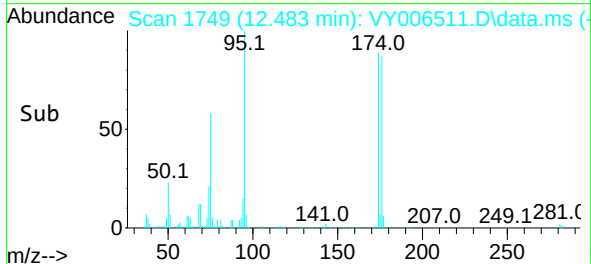
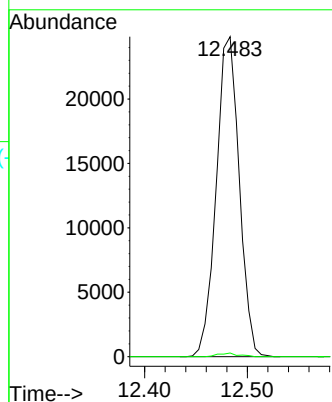
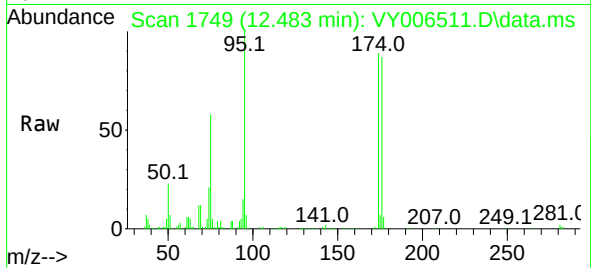




#76
1,2,3-Trichloropropane
Concen: 59.722 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006511.D
Acq: 28 Oct 2021 13:25

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 38585
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 122.607 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006511.D
Acq: 28 Oct 2021 13:25

Tgt Ion: 75 Resp: 38585
Ion Ratio Lower Upper
75 100
53 0.0 85.8 128.6#
89 0.1 39.3 58.9#

