

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081921\
 Data File : VY005756.D
 Acq On : 19 Aug 2021 10:04
 Operator : SY/MD
 Sample : VY0819SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 20 06:52:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

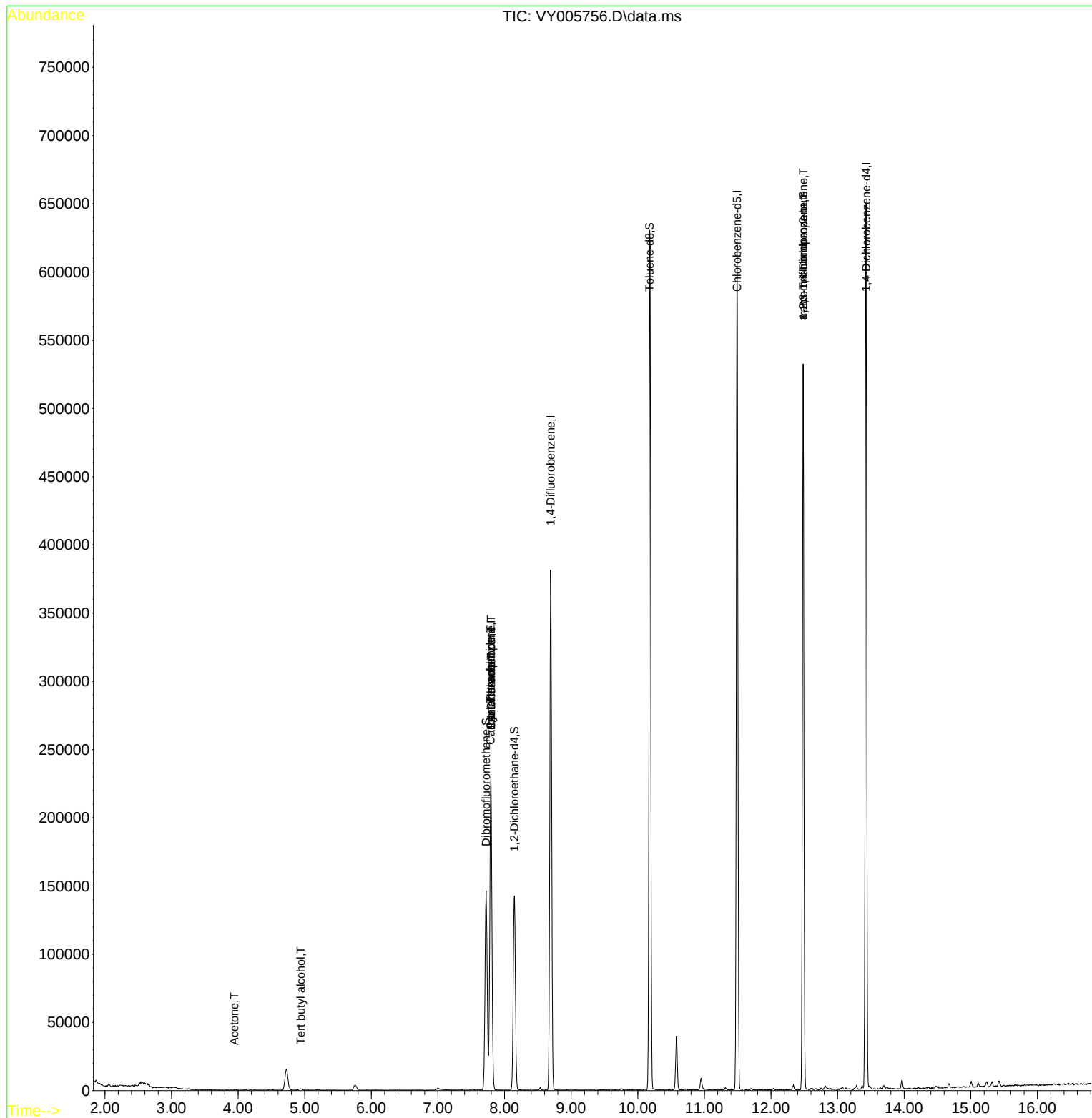
Internal Standards						
1) Pentafluorobenzene	7.795	168	186251	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	318807	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	329344	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	167509	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	118364	62.782	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.560%	
35) Dibromofluoromethane	7.722	113	98108	54.965	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.920%	
50) Toluene-d8	10.179	98	412133	55.055	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.100%	
62) 4-Bromofluorobenzene	12.483	95	145081	58.525	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 117.060%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	838	4.496	ug/l #	73
16) Acetone	3.942	43	927	1.950	ug/l	99
31) Cyclohexane	7.795	56	3700	1.144	ug/l #	30
36) 1,1-Dichloropropene	7.795	75	13077	4.373	ug/l #	50
38) Carbon Tetrachloride	7.789	117	16735	5.149	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	79635	45.876	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	79635	92.480	ug/l #	11

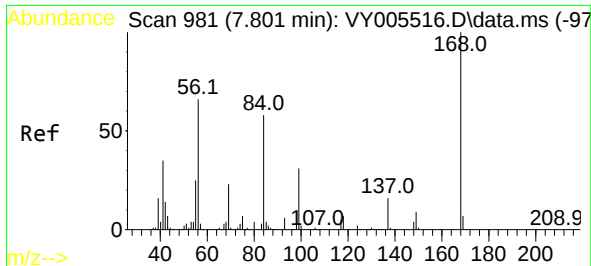
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 3 Sample Multiplier: 1

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Response via : Initial Calibration

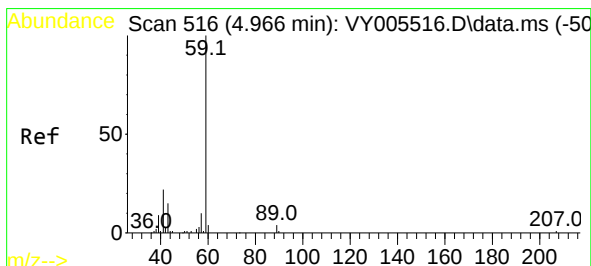
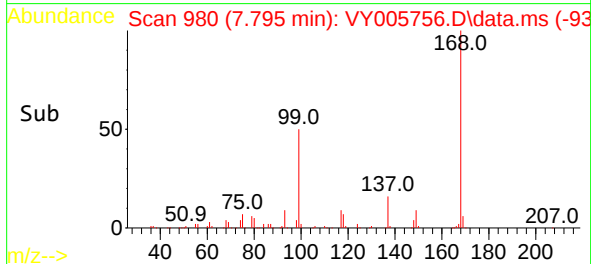
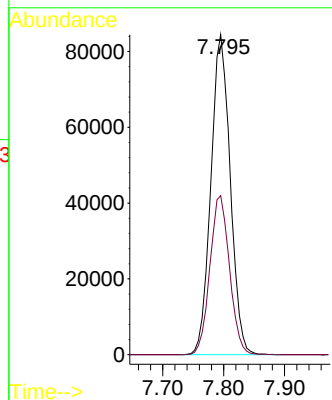
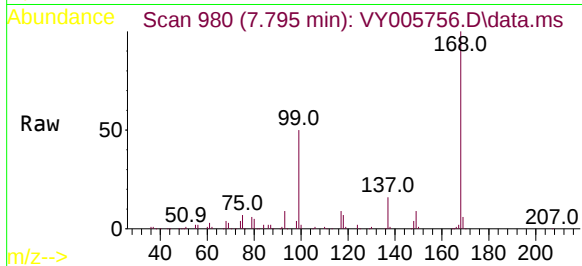




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005756.D
Acq: 19 Aug 2021 10:04

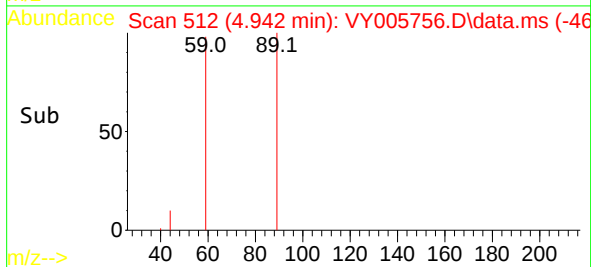
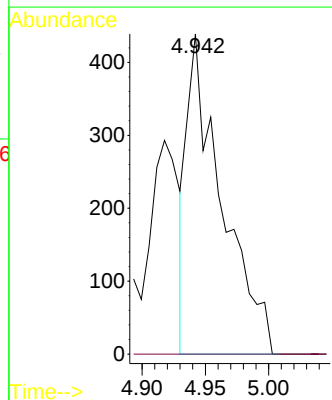
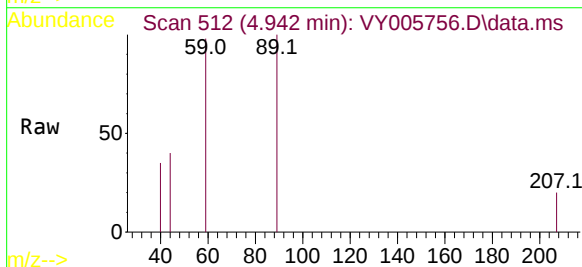
Instrument :
MSVOA_Y
ClientSampled :

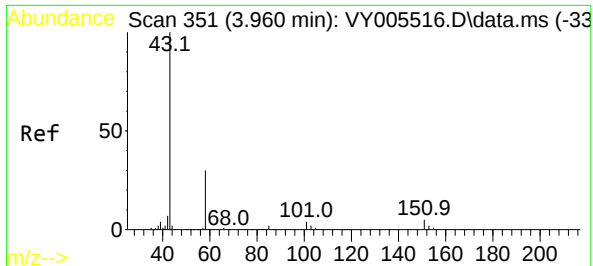
Tgt Ion:168 Resp: 186251
Ion Ratio Lower Upper
168 100
99 49.7 38.9 58.3



#11
Tert butyl alcohol
Concen: 4.496 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.024 min
Lab File: VY005756.D
Acq: 19 Aug 2021 10:04

Tgt Ion: 59 Resp: 838
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

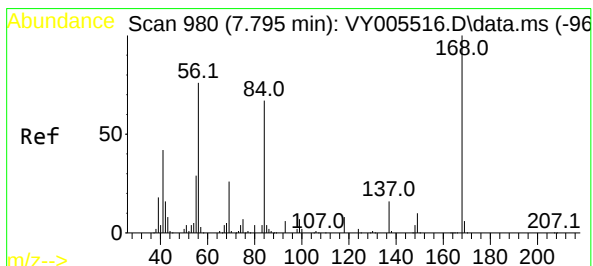
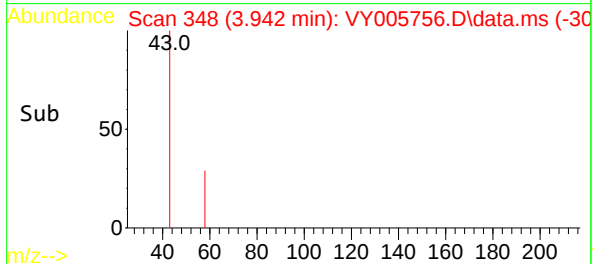
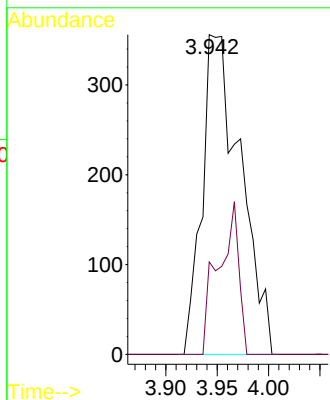
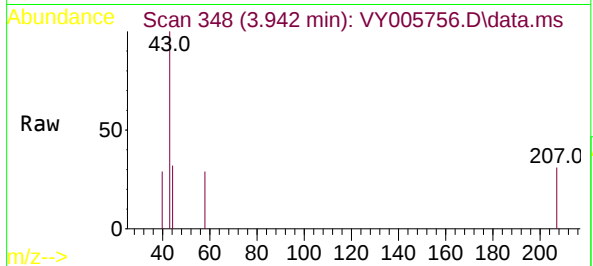




#16
Acetone
Concen: 1.950 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.018 min
Lab File: VY005756.D
Acq: 19 Aug 2021 10:04

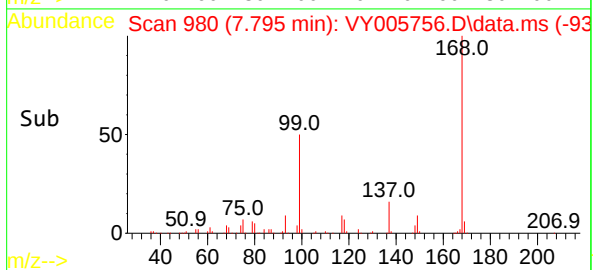
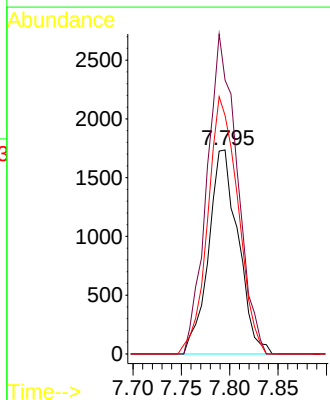
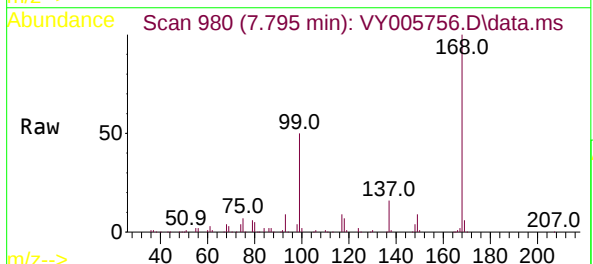
Instrument :
MSVOA_Y
ClientSampled :

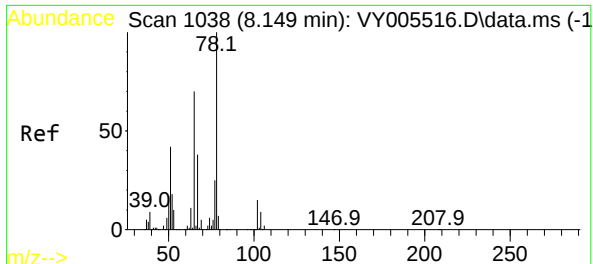
Tgt Ion: 43 Resp: 927
Ion Ratio Lower Upper
43 100
58 28.9 23.8 35.6



#31
Cyclohexane
Concen: 1.144 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY005756.D
Acq: 19 Aug 2021 10:04

Tgt Ion: 56 Resp: 3700
Ion Ratio Lower Upper
56 100
69 134.2 27.7 41.5#
84 116.8 70.9 106.3#

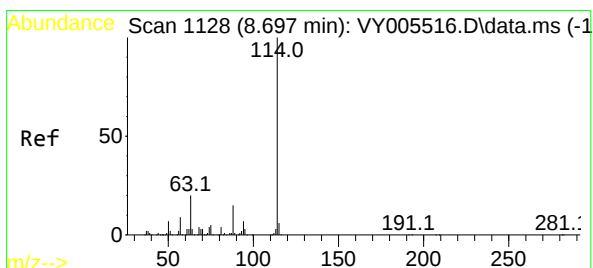
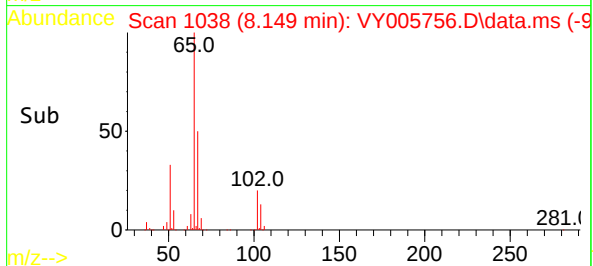
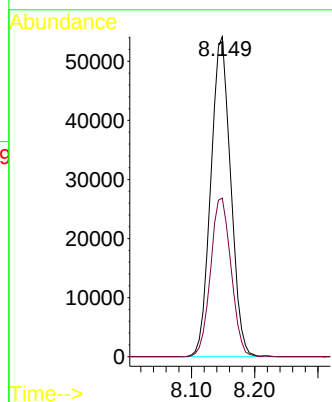
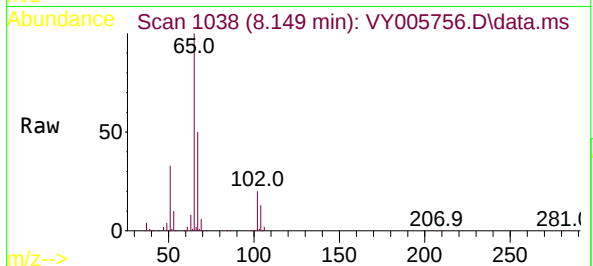




#33
 1,2-Dichloroethane-d4
 Concen: 62.782 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. 0.000 min
 Lab File: VY005756.D
 Acq: 19 Aug 2021 10:04

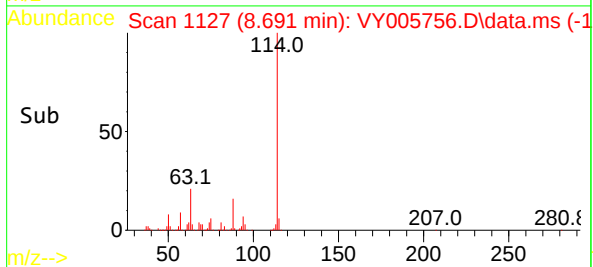
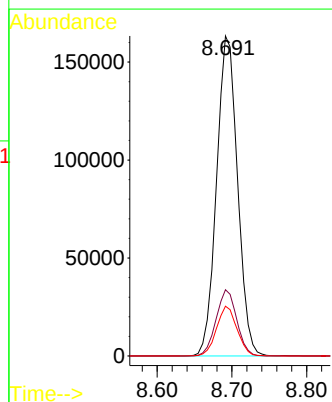
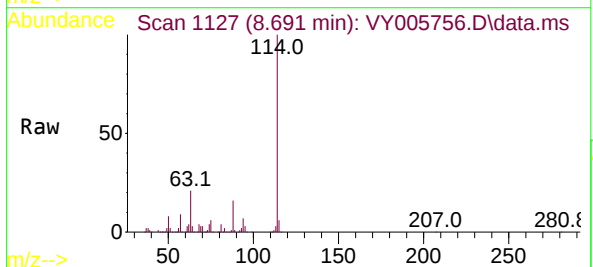
Instrument :
 MSVOA_Y
 ClientSampled :

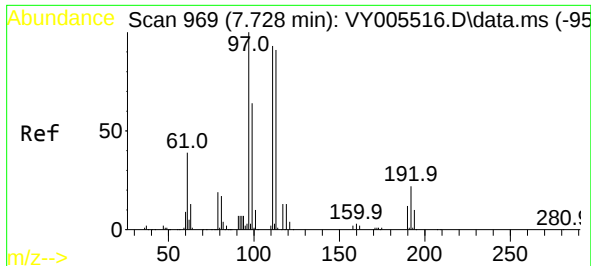
Tgt Ion: 65 Resp: 118364
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.006 min
 Lab File: VY005756.D
 Acq: 19 Aug 2021 10:04

Tgt Ion: 114 Resp: 318807
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 39.2
 88 15.5 0.0 30.8

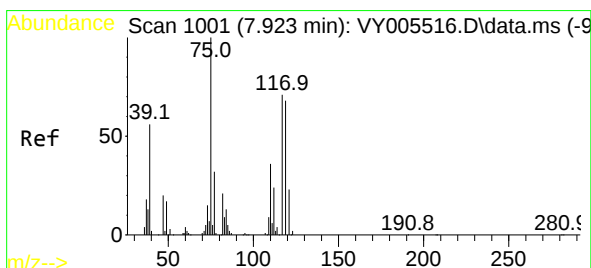
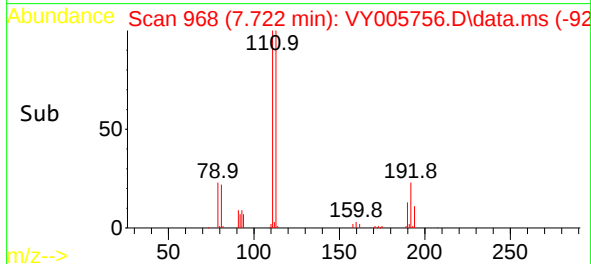
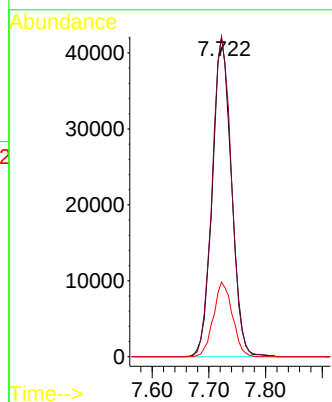
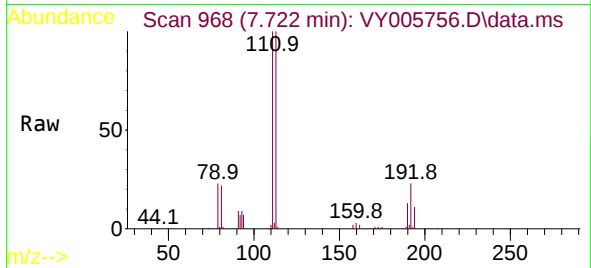




#35
Dibromofluoromethane
Concen: 54.965 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005756.D
Acq: 19 Aug 2021 10:04

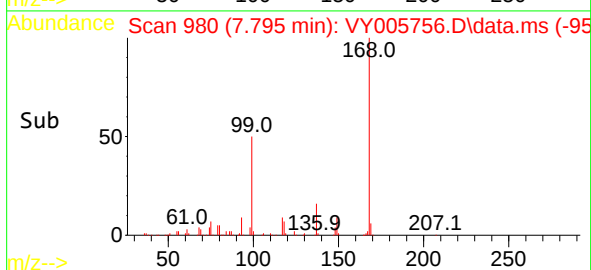
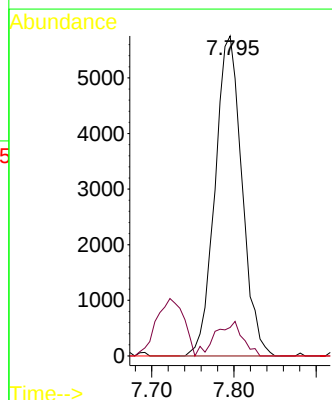
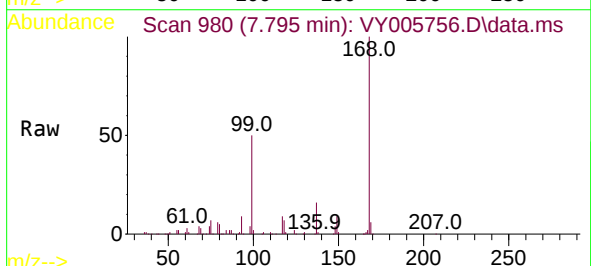
Instrument :
MSVOA_Y
ClientSampleId :

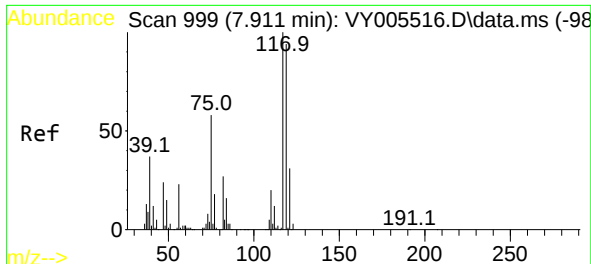
Tgt Ion:113 Resp: 98108
Ion Ratio Lower Upper
113 100
111 101.9 81.9 122.9
192 23.3 19.2 28.8



#36
1,1-Dichloropropene
Concen: 4.373 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005756.D
Acq: 19 Aug 2021 10:04

Tgt Ion: 75 Resp: 13077
Ion Ratio Lower Upper
75 100
110 10.2 18.1 54.1#
77 0.0 25.1 37.7#

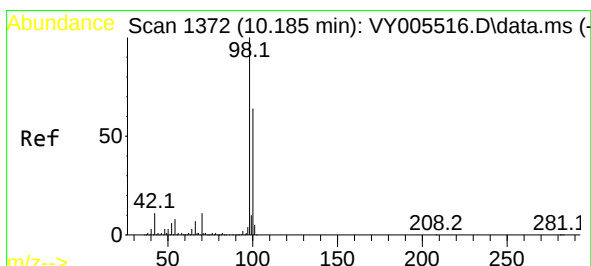
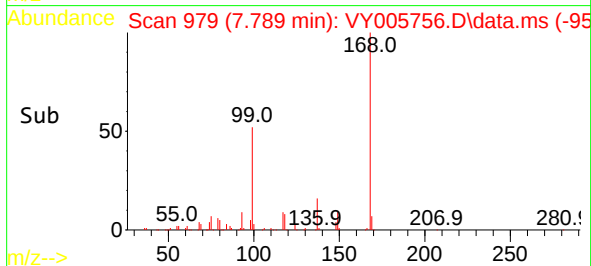
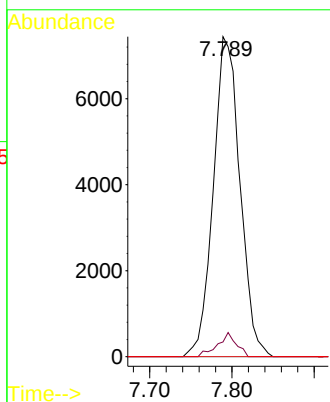
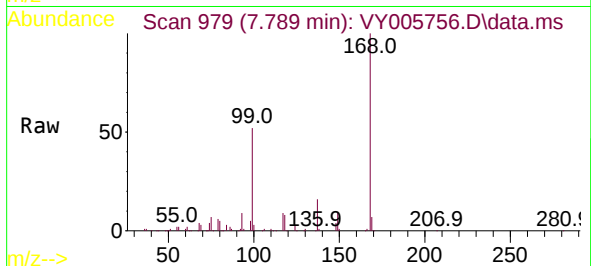




#38
Carbon Tetrachloride
Concen: 5.149 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY005756.D
Acq: 19 Aug 2021 10:04

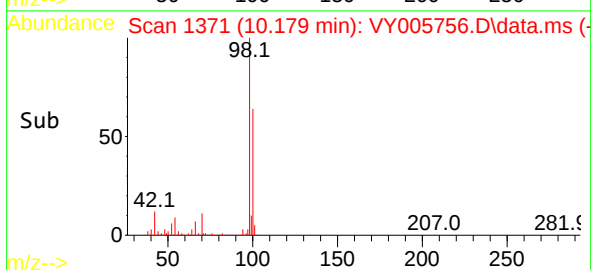
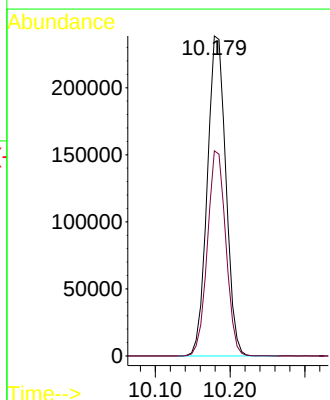
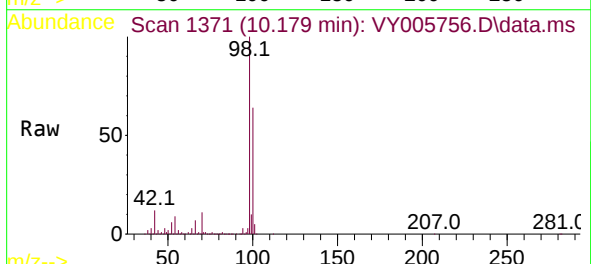
Instrument :
MSVOA_Y
ClientSampled :

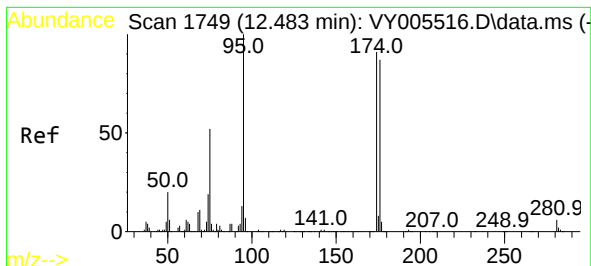
Tgt Ion:117 Resp: 16735
Ion Ratio Lower Upper
117 100
119 4.6 75.4 113.0#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 55.055 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY005756.D
Acq: 19 Aug 2021 10:04

Tgt Ion: 98 Resp: 412133
Ion Ratio Lower Upper
98 100
100 63.5 51.3 76.9

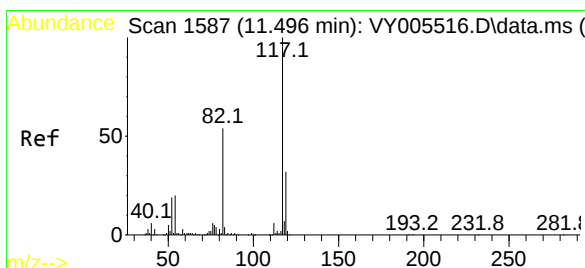
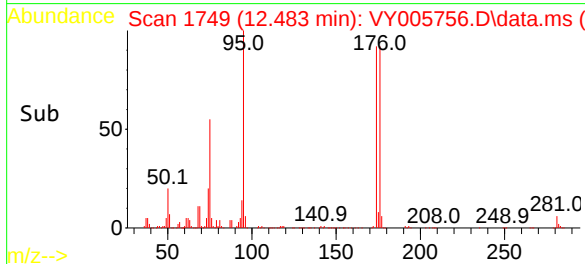
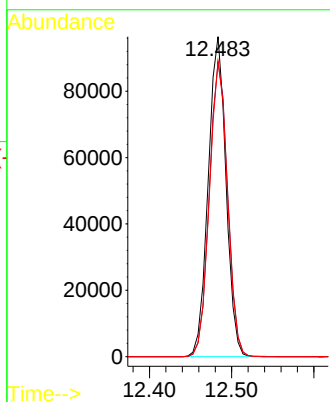
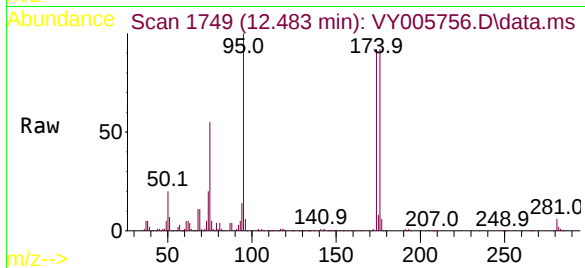




#62
4-Bromofluorobenzene
Concen: 58.525 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005756.D
Acq: 19 Aug 2021 10:04

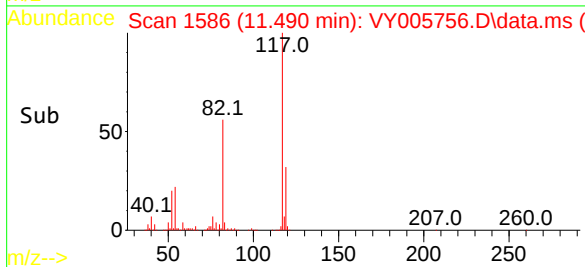
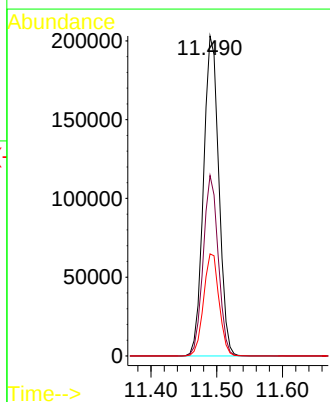
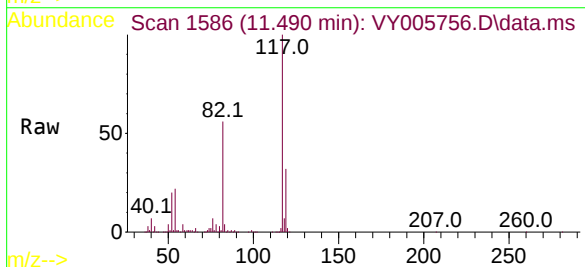
Instrument :
MSVOA_Y
ClientSampleId :

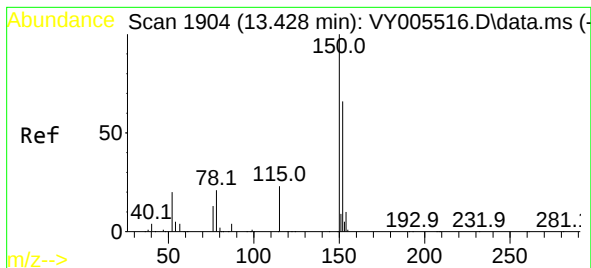
Tgt Ion: 95 Resp: 145081
Ion Ratio Lower Upper
95 100
174 94.9 0.0 191.4
176 93.2 0.0 183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005756.D
Acq: 19 Aug 2021 10:04

Tgt Ion: 117 Resp: 329344
Ion Ratio Lower Upper
117 100
82 56.4 43.5 65.3
119 31.9 25.5 38.3

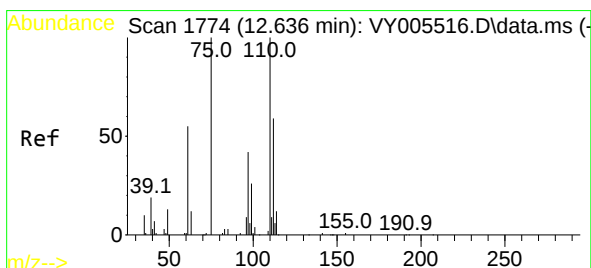
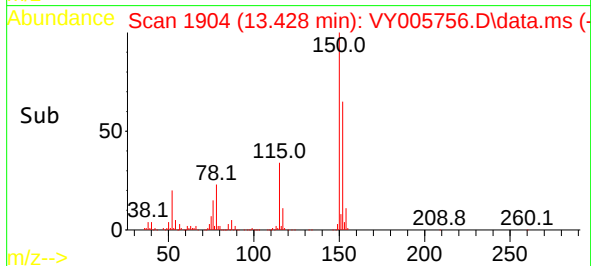
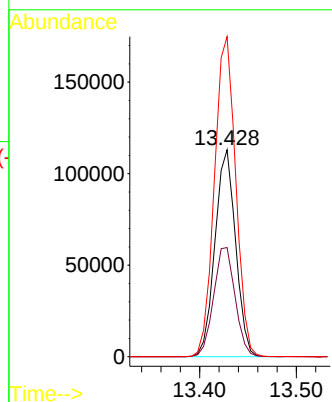
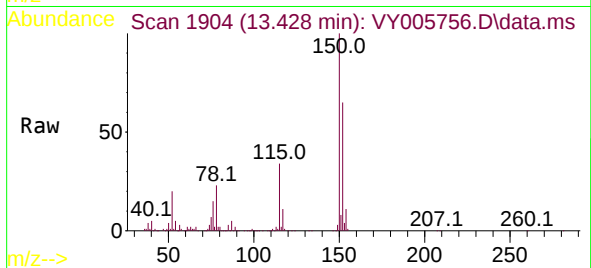




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY005756.D
 Acq: 19 Aug 2021 10:04

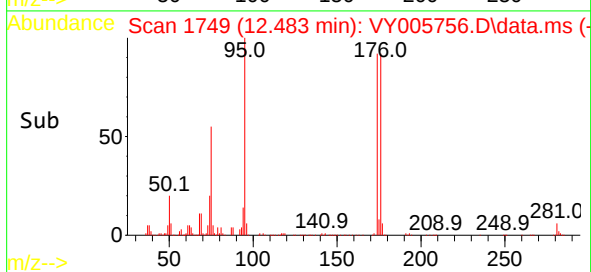
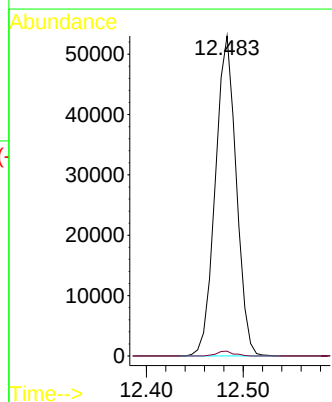
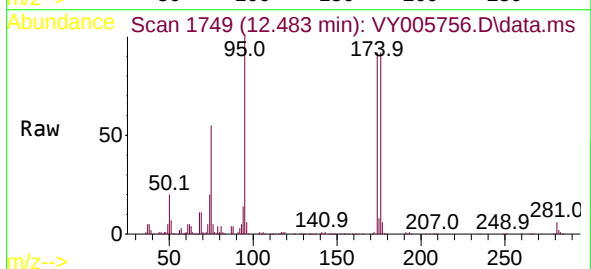
Instrument :
 MSVOA_Y
 ClientSampled :

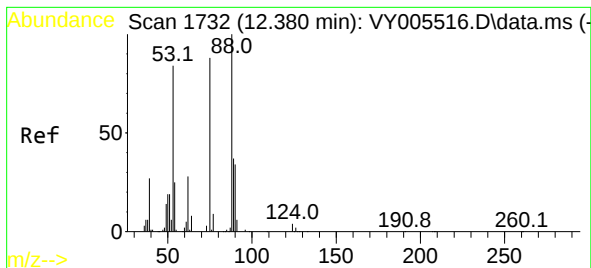
Tgt Ion:152 Resp: 167509
 Ion Ratio Lower Upper
 152 100
 115 55.1 27.3 81.9
 150 159.3 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 45.876 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY005756.D
 Acq: 19 Aug 2021 10:04

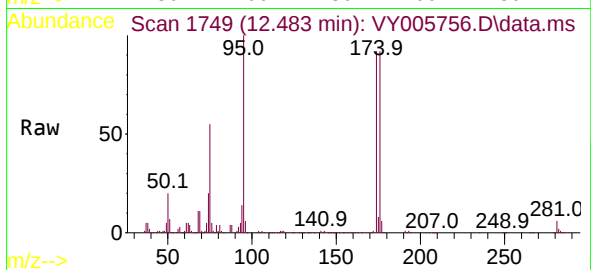
Tgt Ion: 75 Resp: 79635
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 92.480 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005756.D
Acq: 19 Aug 2021 10:04

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 79635
Ion Ratio Lower Upper
75 100
53 0.0 76.7 115.1#
89 0.0 38.4 57.6#

