

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100121\
 Data File : VY006261.D
 Acq On : 01 Oct 2021 15:20
 Operator : SY/MD
 Sample : M4035-01
 Misc : 5.57G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

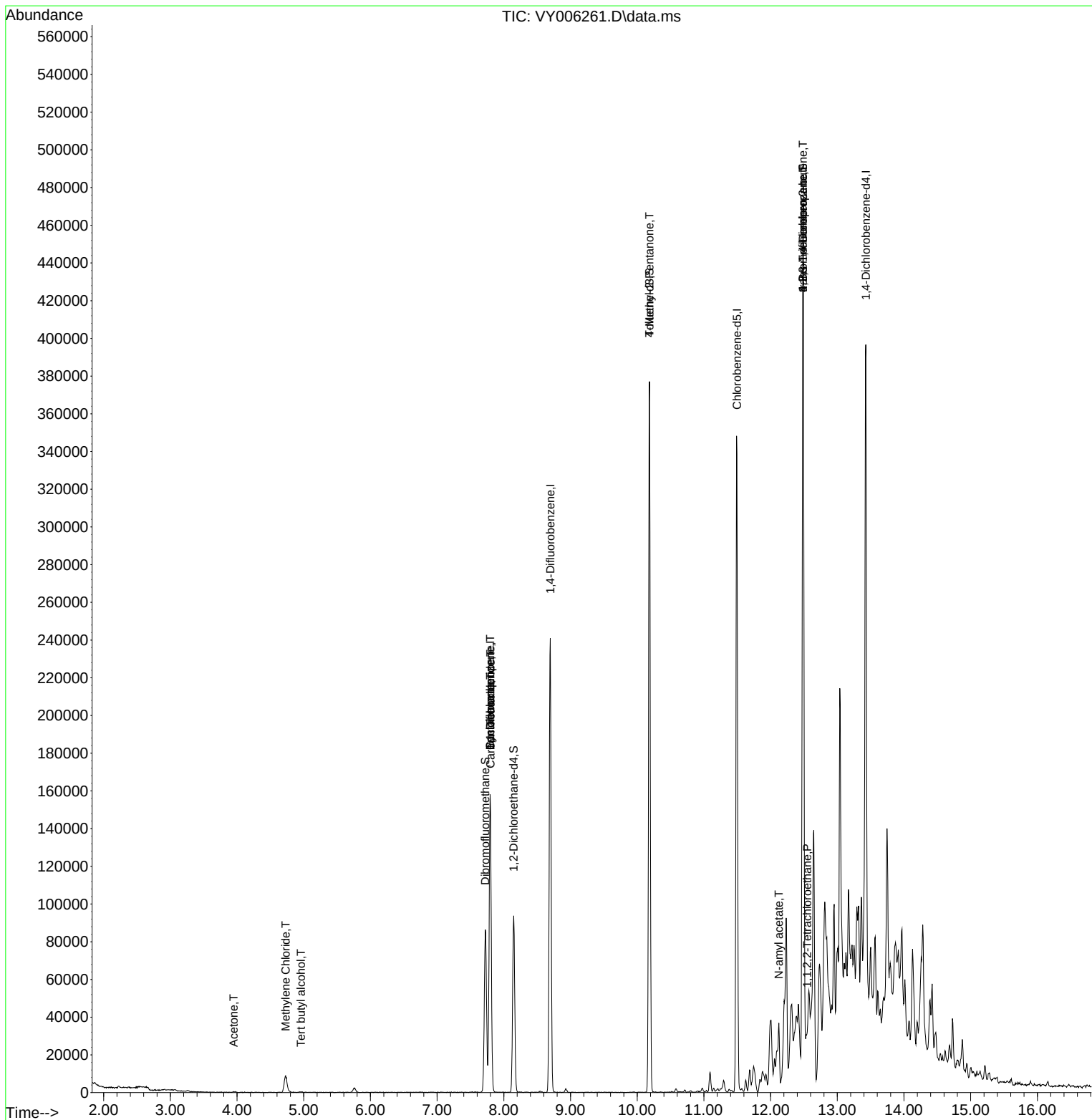
Quant Time: Oct 02 02:12:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 17:44:36 2021
 Response via : Initial Calibration

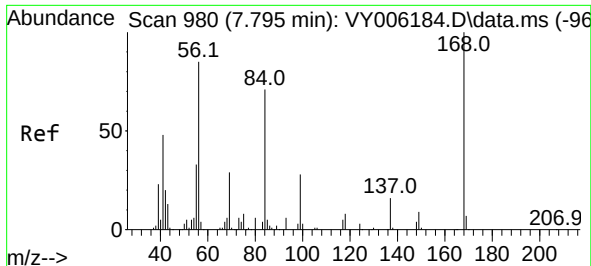
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.795	168	123756	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	198392	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	182153	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	86226	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	78656	59.383	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 118.760%			
35) Dibromofluoromethane	7.722	113	57233	53.997	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.000%			
50) Toluene-d8	10.185	98	242953	54.769	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 109.540%			
62) 4-Bromofluorobenzene	12.483	95	82689	54.871	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 109.740%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.960	59	403	3.478	ug/l #	77
16) Acetone	3.948	43	826	2.233	ug/l #	88
20) Methylene Chloride	4.728	84	6445	1.416	ug/l	86
31) Cyclohexane	7.795	56	2879	1.147	ug/l #	18
36) 1,1-Dichloropropene	7.795	75	9246	4.684	ug/l #	51
38) Carbon Tetrachloride	7.801	117	11675	5.601	ug/l #	17
51) 4-Methyl-2-Pentanone	10.185	43	1479	1.292	ug/l #	1
74) N-amyl acetate	12.123	43	9586	5.000	ug/l #	47
75) 1,1,2,2-Tetrachloroethane	12.550	83	2913	2.611	ug/l #	26
76) 1,2,3-Trichloropropane	12.483	75	47037	56.125	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	47037	110.294	ug/l #	9

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

Quant Time: Oct 02 02:12:45 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 28 17:44:36 2021
Response via : Initial Calibration

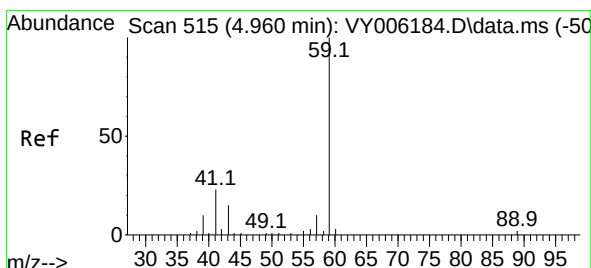
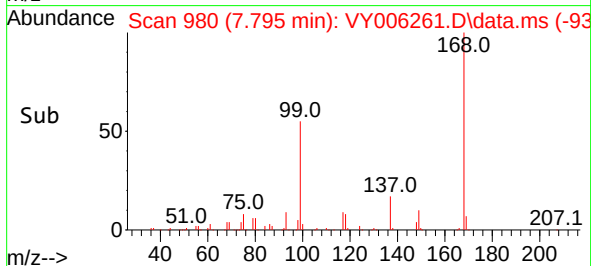
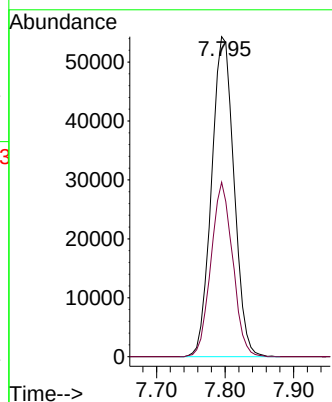
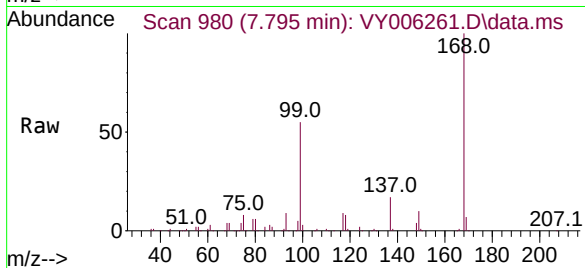




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006261.D
Acq: 01 Oct 2021 15:20

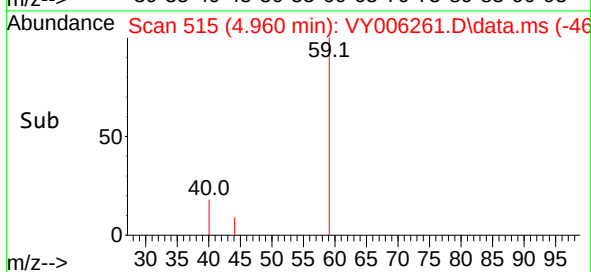
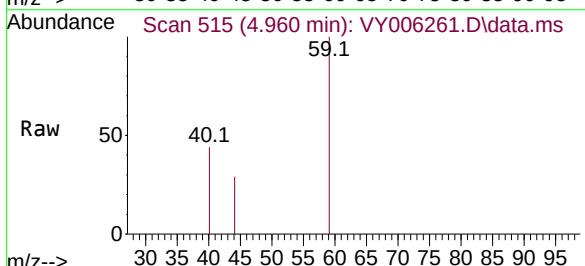
Instrument :
MSVOA_Y
ClientSampleId :

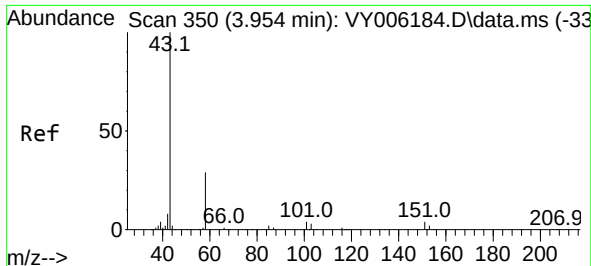
Tgt Ion:168 Resp: 123756
Ion Ratio Lower Upper
168 100
99 54.5 46.9 70.3



#11
Tert butyl alcohol
Concen: 3.478 ug/l
RT: 4.960 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY006261.D
Acq: 01 Oct 2021 15:20

Tgt Ion: 59 Resp: 403
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

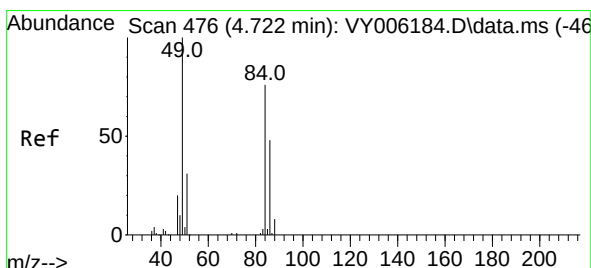
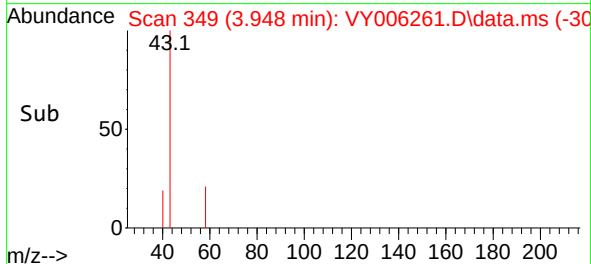
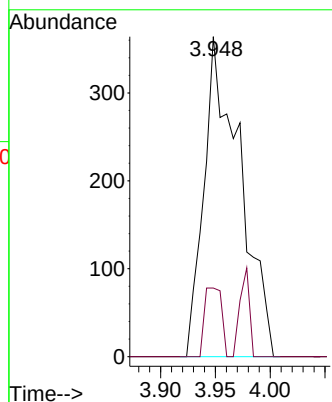
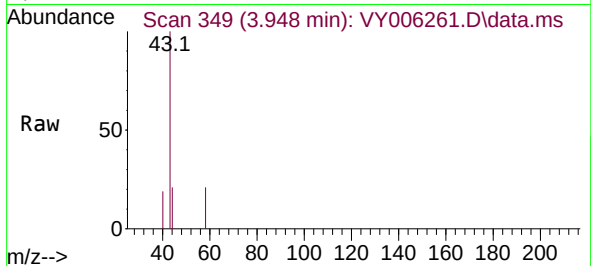




#16
Acetone
Concen: 2.233 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY006261.D
Acq: 01 Oct 2021 15:20

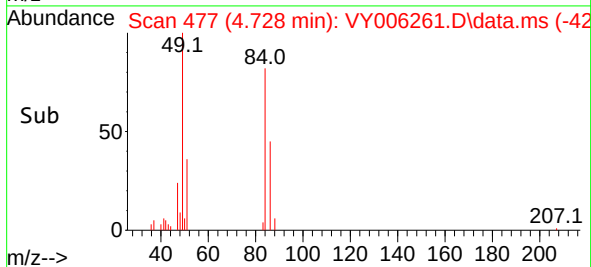
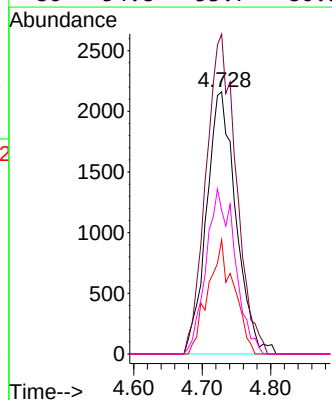
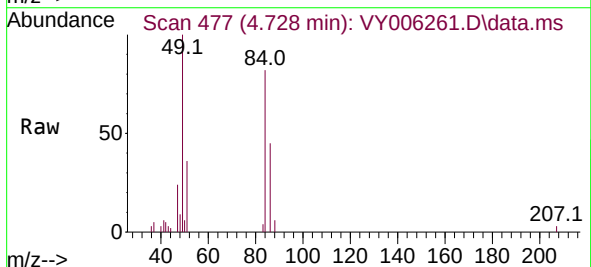
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MSVOA_Y
ClientSampleId :

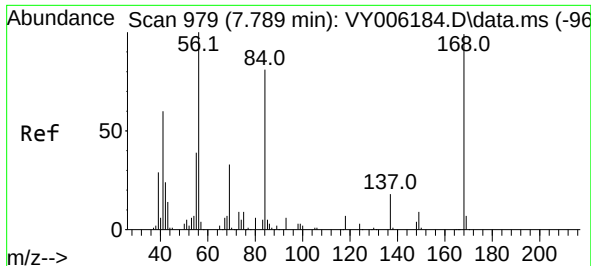
Tgt Ion: 43 Resp: 826
Ion Ratio Lower Upper
43 100
58 21.4 22.0 33.0#



#20
Methylene Chloride
Concen: 1.416 ug/l
RT: 4.728 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY006261.D
Acq: 01 Oct 2021 15:20

Tgt Ion: 84 Resp: 6445
Ion Ratio Lower Upper
84 100
49 122.1 114.4 171.6
51 43.5 35.3 52.9
86 54.8 53.7 80.5

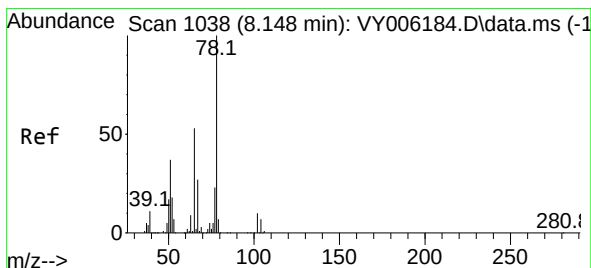
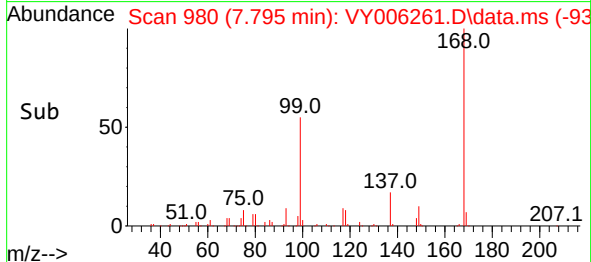
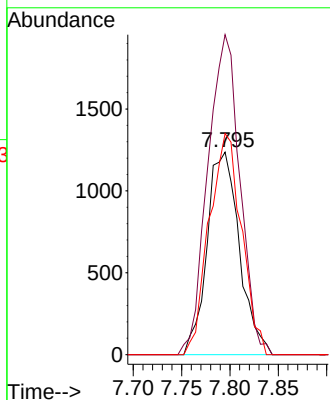
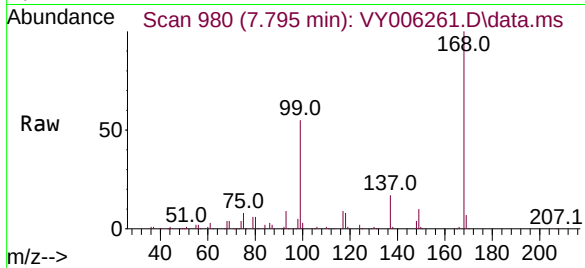




#31
Cyclohexane
Concen: 1.147 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY006261.D
Acq: 01 Oct 2021 15:20

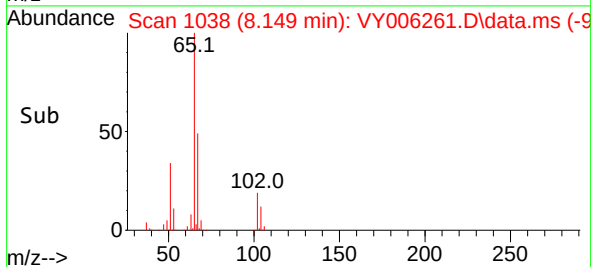
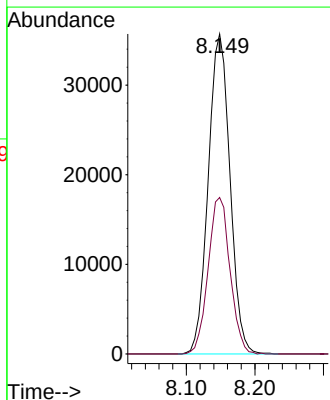
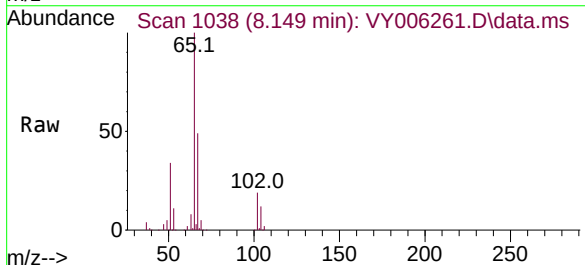
Instrument :
MSVOA_Y
ClientSampled :

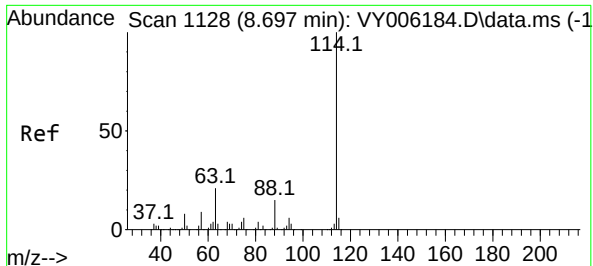
Tgt Ion: 56 Resp: 2879
Ion Ratio Lower Upper
56 100
69 158.0 26.7 40.1#
84 109.1 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 59.383 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006261.D
Acq: 01 Oct 2021 15:20

Tgt Ion: 65 Resp: 78656
Ion Ratio Lower Upper
65 100
67 49.2 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY006261.D

Acq: 01 Oct 2021 15:20

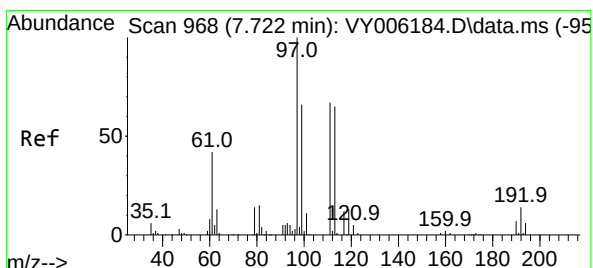
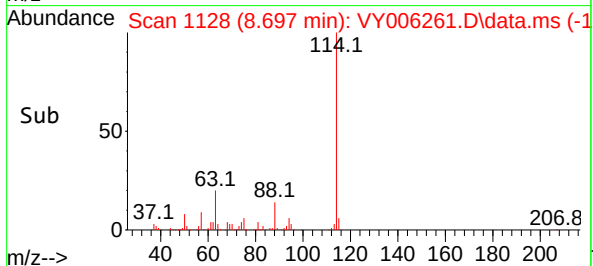
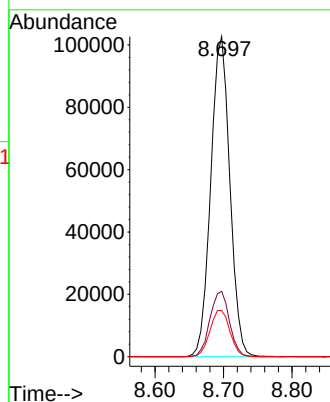
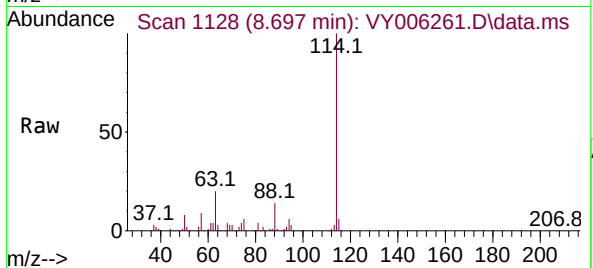
Tgt Ion:114 Resp: 198392

Ion Ratio Lower Upper

114 100

63 20.5 0.0 43.2

88 14.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 53.997 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY006261.D

Acq: 01 Oct 2021 15:20

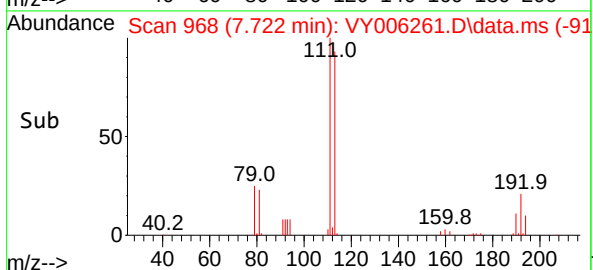
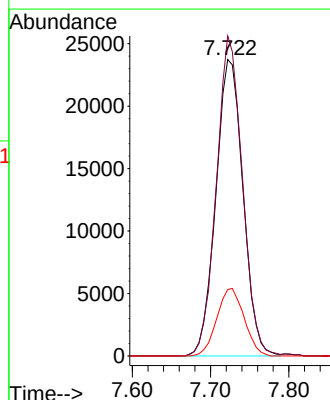
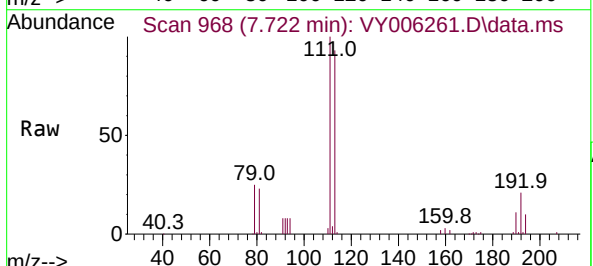
Tgt Ion:113 Resp: 57233

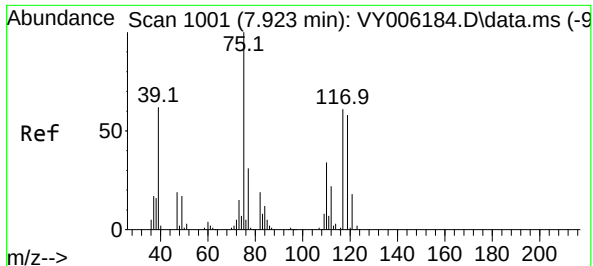
Ion Ratio Lower Upper

113 100

111 103.6 82.6 124.0

192 22.9 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.684 ug/l

RT: 7.795 min Scan# 980

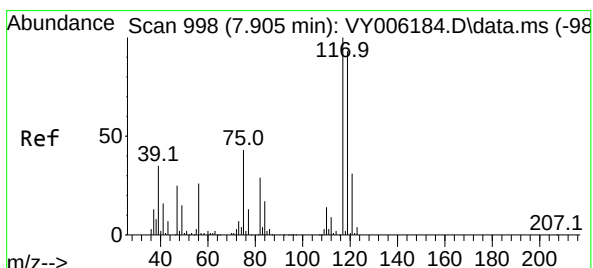
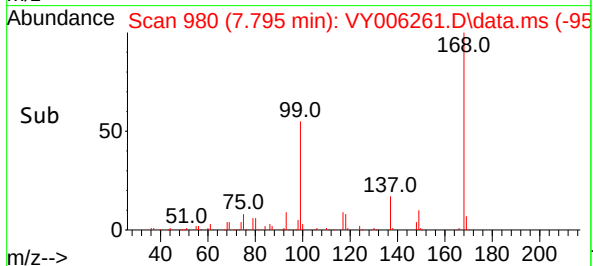
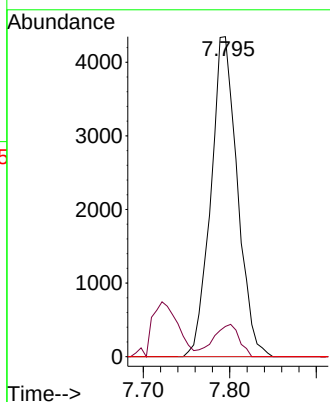
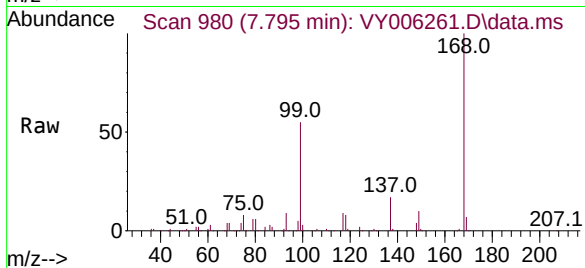
Delta R.T. -0.128 min

Lab File: VY006261.D

Acq: 01 Oct 2021 15:20

Tgt Ion:	75	Resp:	9246
Ion	Ratio	Lower	Upper
75	100		
110	9.6	17.1	51.2#
77	0.0	24.4	36.6#

Instrument :
MSVOA_Y
ClientSampled :



#38

Carbon Tetrachloride

Concen: 5.601 ug/l

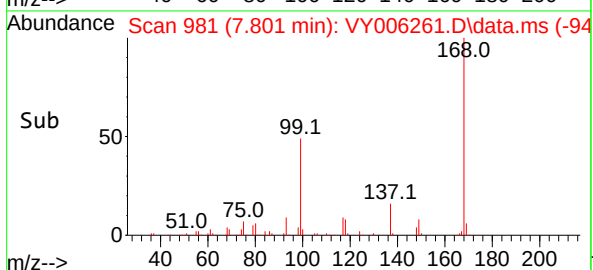
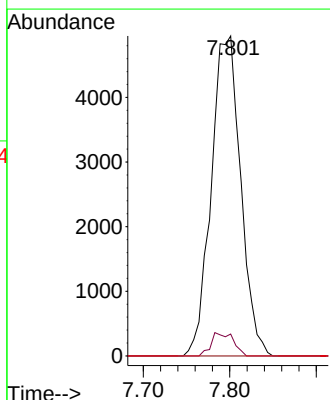
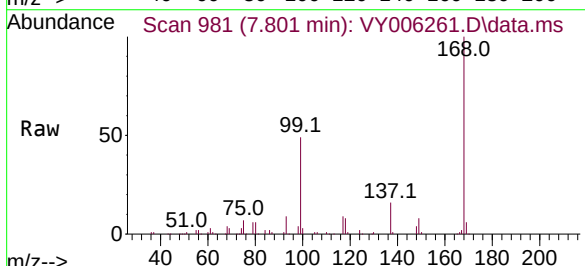
RT: 7.801 min Scan# 981

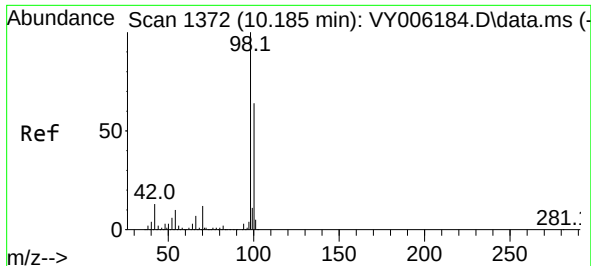
Delta R.T. -0.104 min

Lab File: VY006261.D

Acq: 01 Oct 2021 15:20

Tgt Ion:	117	Resp:	11675
Ion	Ratio	Lower	Upper
117	100		
119	6.8	77.9	116.9#
121	0.0	24.8	37.2#

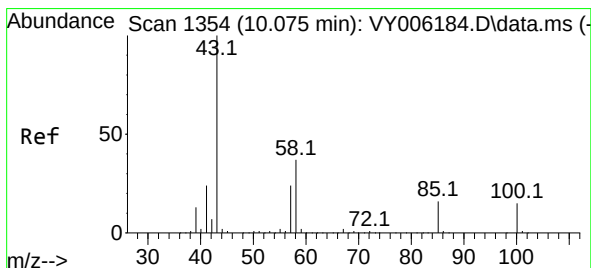
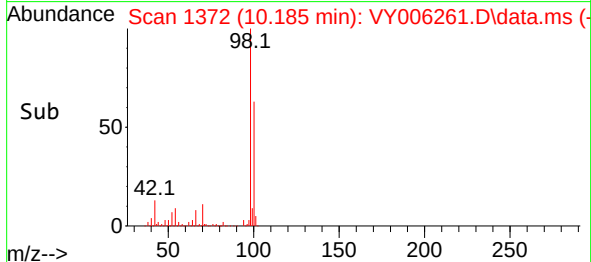
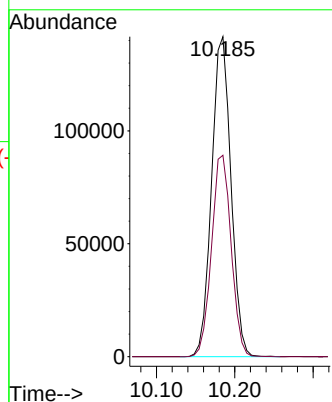
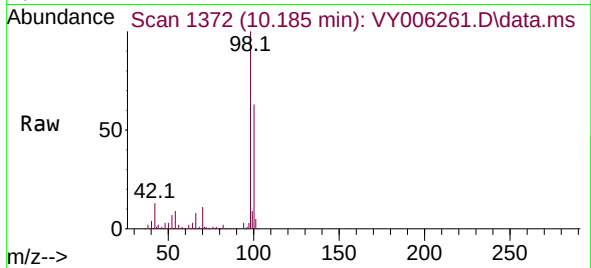




#50
Toluene-d8
Concen: 54.769 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006261.D
Acq: 01 Oct 2021 15:20

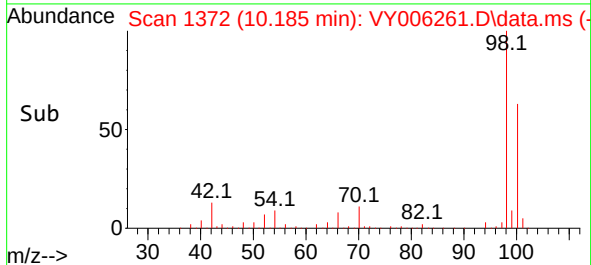
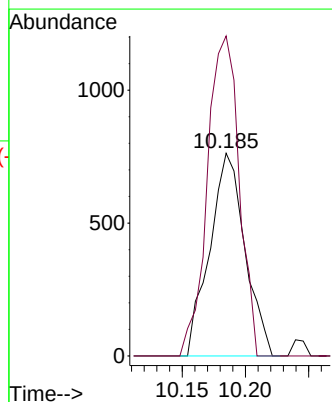
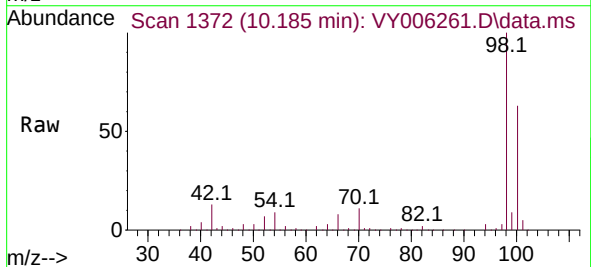
Instrument :
MSVOA_Y
ClientSampled :

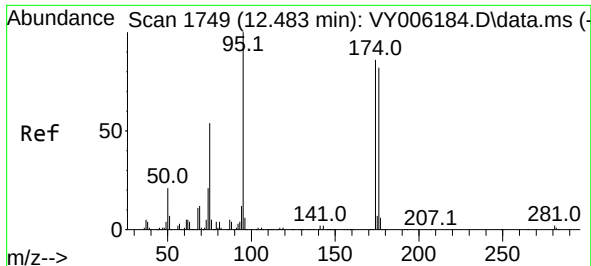
Tgt Ion: 98 Resp: 242953
Ion Ratio Lower Upper
98 100
100 63.8 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 1.292 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY006261.D
Acq: 01 Oct 2021 15:20

Tgt Ion: 43 Resp: 1479
Ion Ratio Lower Upper
43 100
58 142.1 28.1 42.1#

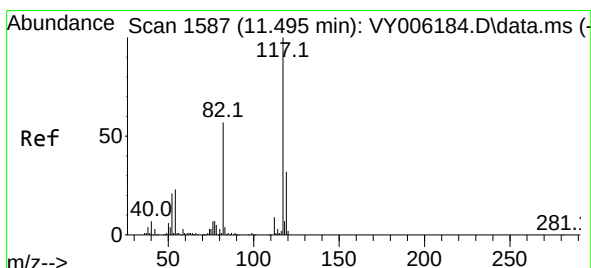
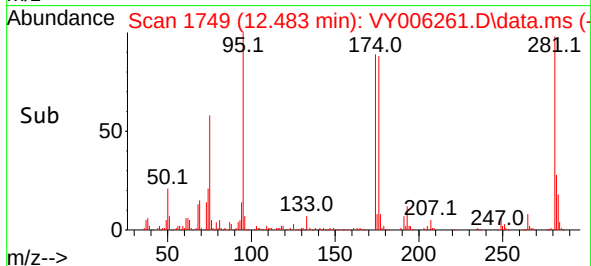
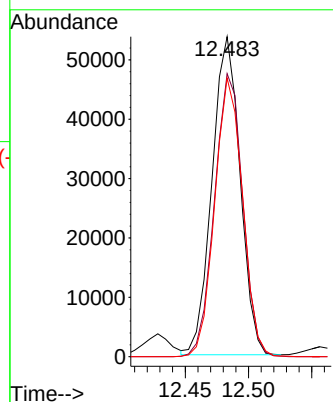
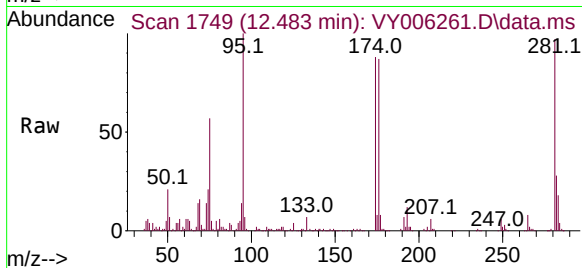




#62
4-Bromofluorobenzene
Concen: 54.871 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006261.D
Acq: 01 Oct 2021 15:20

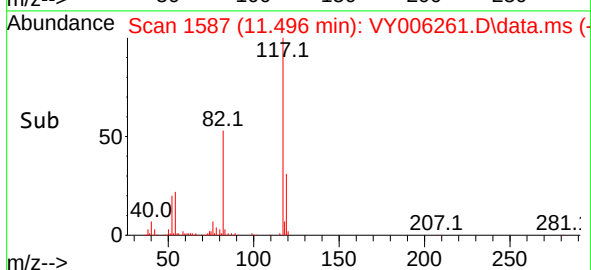
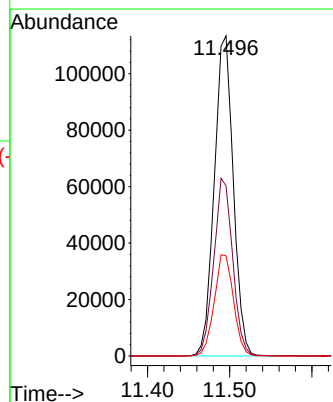
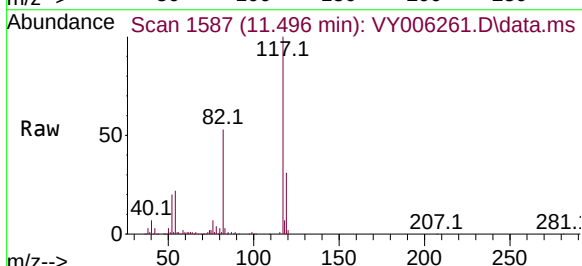
Instrument :
MSVOA_Y
ClientSampleId :

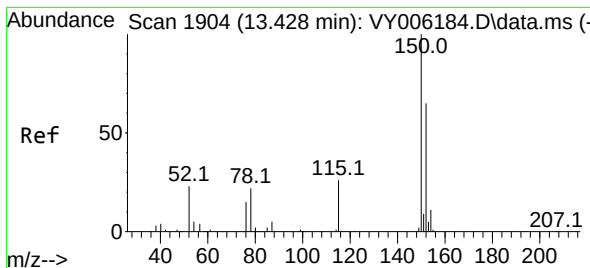
Tgt Ion: 95 Resp: 82689
Ion Ratio Lower Upper
95 100
174 89.5 0.0 177.0
176 86.7 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY006261.D
Acq: 01 Oct 2021 15:20

Tgt Ion: 117 Resp: 182153
Ion Ratio Lower Upper
117 100
82 53.2 43.0 64.4
119 31.3 25.4 38.0

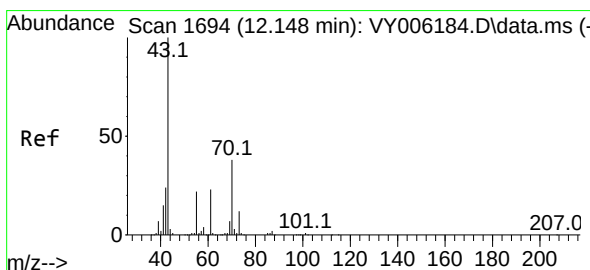
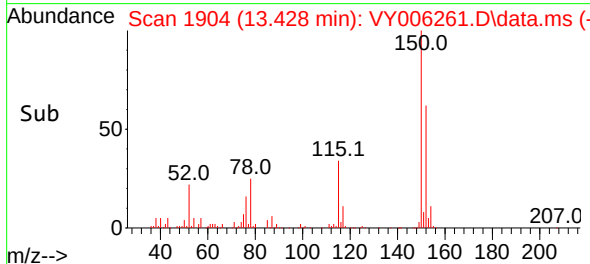
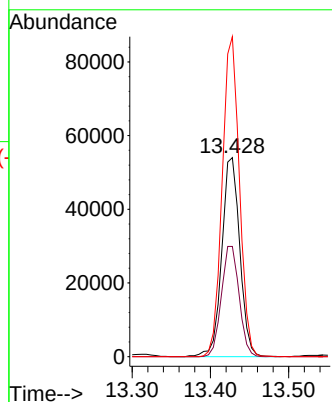
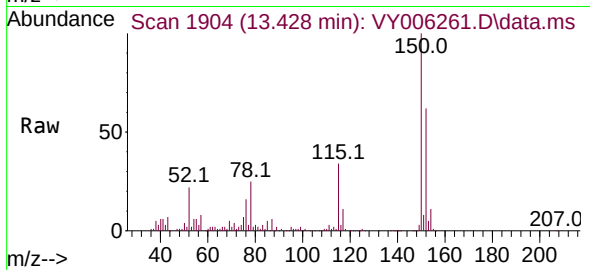




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006261.D
Acq: 01 Oct 2021 15:20

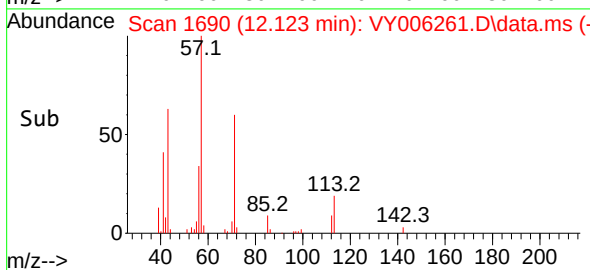
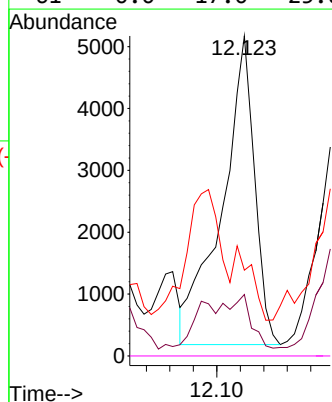
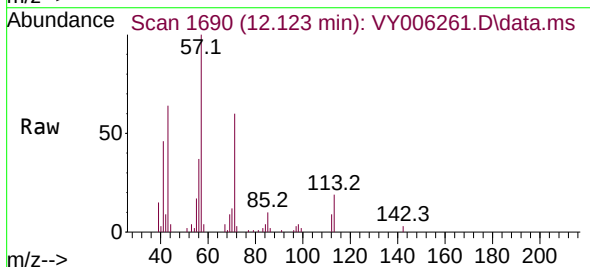
Instrument :
MSVOA_Y
ClientSampleId :

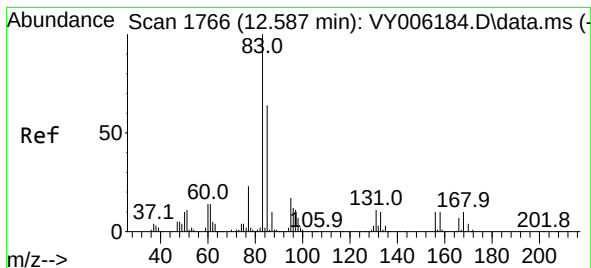
Tgt Ion:152 Resp: 86226
Ion Ratio Lower Upper
152 100
115 54.6 28.2 84.7
150 153.7 0.0 347.6



#74
N-ethyl acetate
Concen: 5.000 ug/l
RT: 12.123 min Scan# 1690
Delta R.T. -0.024 min
Lab File: VY006261.D
Acq: 01 Oct 2021 15:20

Tgt Ion: 43 Resp: 9586
Ion Ratio Lower Upper
43 100
70 0.0 28.7 43.1#
55 0.0 17.3 25.9#
61 0.0 17.0 25.6#



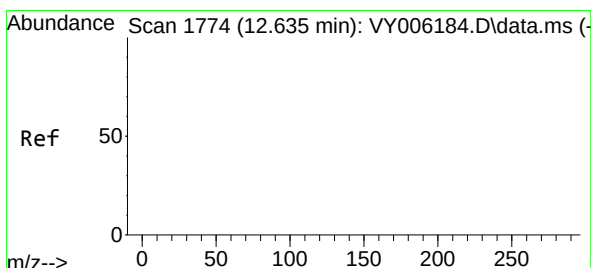
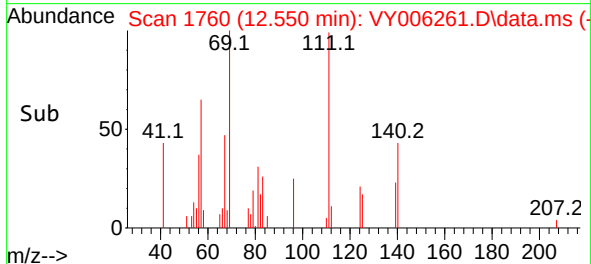
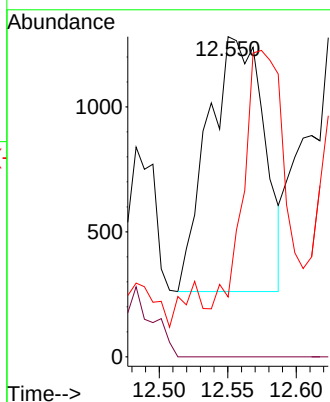
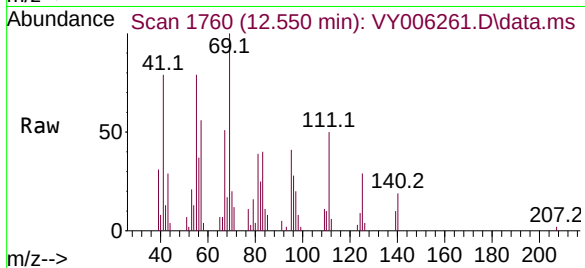


#75

1,1,2,2-Tetrachloroethane
Concen: 2.611 ug/l
RT: 12.550 min Scan# 1760
Delta R.T. -0.037 min
Lab File: VY006261.D
Acq: 01 Oct 2021 15:20

Instrument :
MSVOA_Y
ClientSampleId :

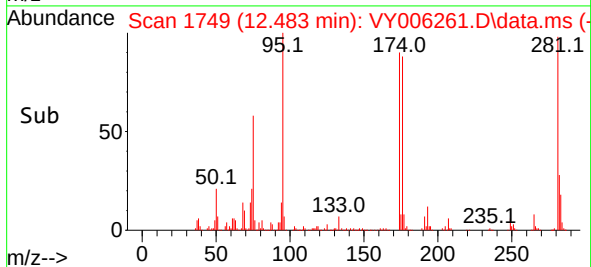
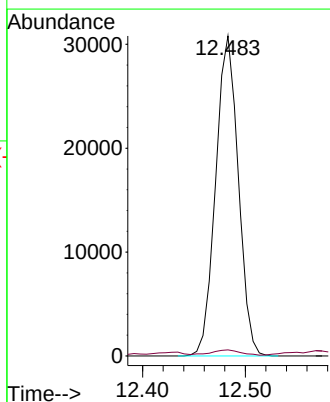
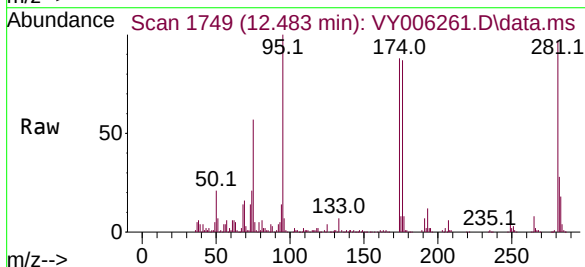
Tgt Ion: 83 Resp: 2913
Ion Ratio Lower Upper
83 100
131 0.0 5.6 16.8#
85 0.0 32.3 96.8#

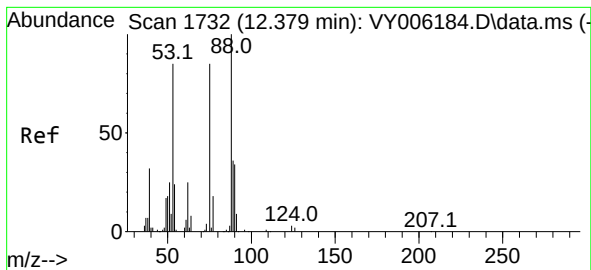


#76

1,2,3-Trichloropropane
Concen: 56.125 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006261.D
Acq: 01 Oct 2021 15:20

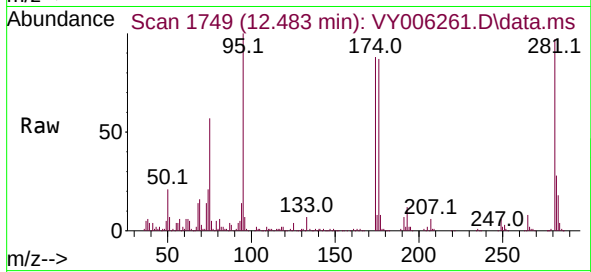
Tgt Ion: 75 Resp: 47037
Ion Ratio Lower Upper
75 100
77 2.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 110.294 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY006261.D
 Acq: 01 Oct 2021 15:20

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 47037
 Ion Ratio Lower Upper
 75 100
 53 1.7 85.3 127.9#
 89 1.0 37.0 55.4#

