

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100121\
 Data File : VY006260.D
 Acq On : 01 Oct 2021 14:56
 Operator : SY/MD
 Sample : M4036-01
 Misc : 5.61G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 02 02:12:29 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)

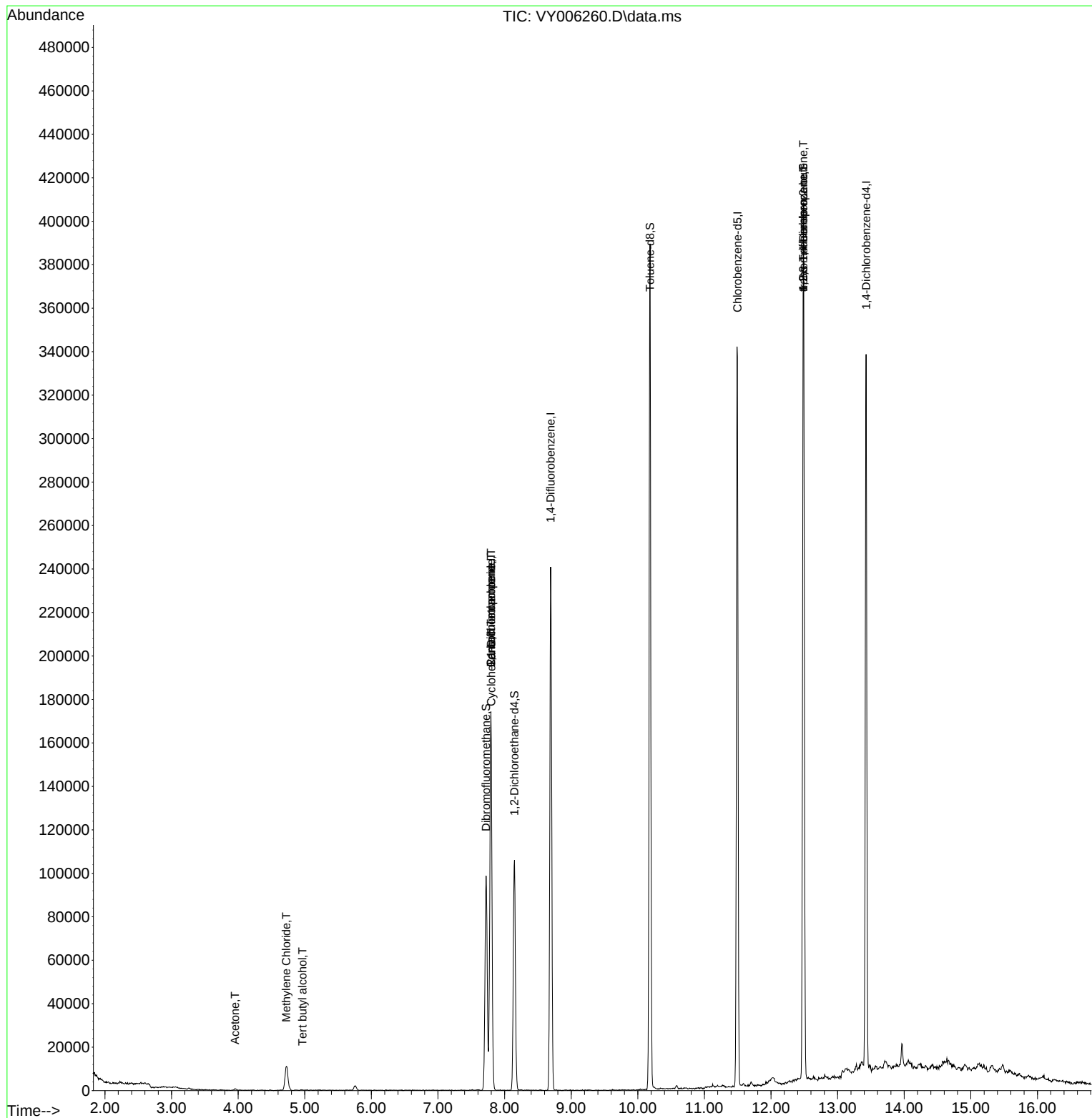
Internal Standards						
1) Pentafluorobenzene	7.795	168	135103	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	196735	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	184348	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	83490	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	87018	60.179	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.360%	
35) Dibromofluoromethane	7.722	113	66798	63.552	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 127.100%	
50) Toluene-d8	10.185	98	246762	56.096	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 112.200%	
62) 4-Bromofluorobenzene	12.483	95	79538	53.225	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 106.440%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	245	1.937	ug/l #	77
16) Acetone	3.954	43	1110	2.748	ug/l	92
20) Methylene Chloride	4.722	84	8156	2.286	ug/l	89
31) Cyclohexane	7.801	56	3087	1.127	ug/l #	42
36) 1,1-Dichloropropene	7.795	75	10517	5.373	ug/l #	50
38) Carbon Tetrachloride	7.795	117	13052	6.315	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	46518	57.325	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	46518	112.652	ug/l #	8

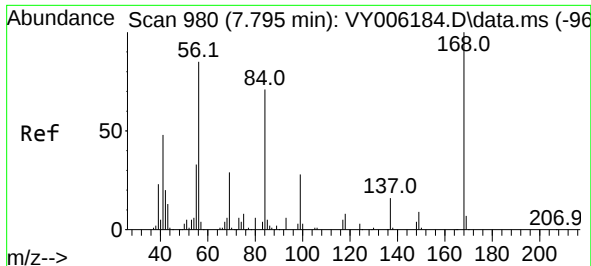
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.61G/5ML/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

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MSVOA_Y
ClientSampleId :

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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

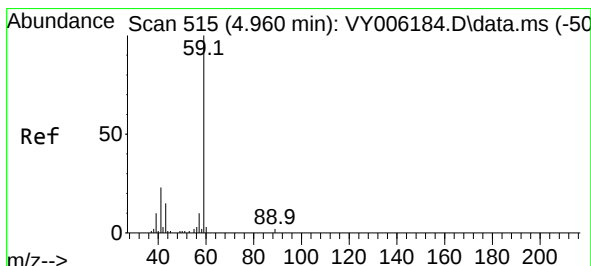
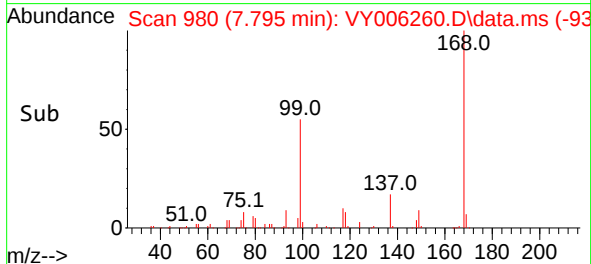
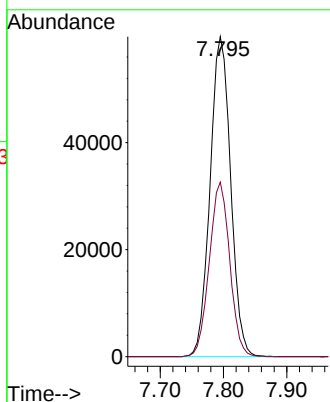
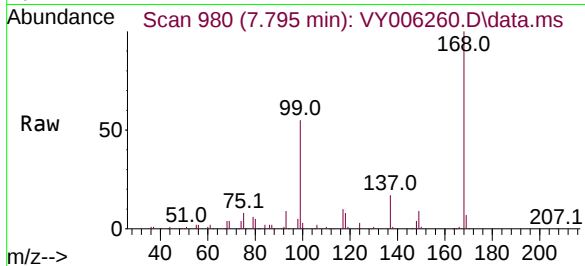




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006260.D
Acq: 01 Oct 2021 14:56

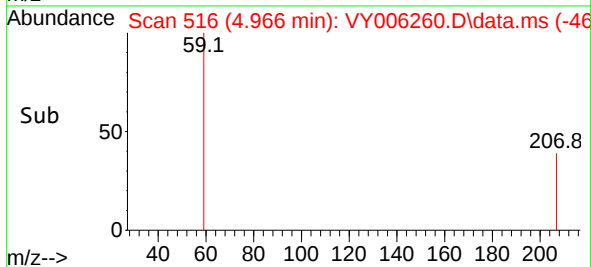
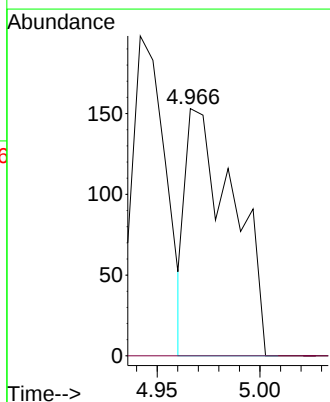
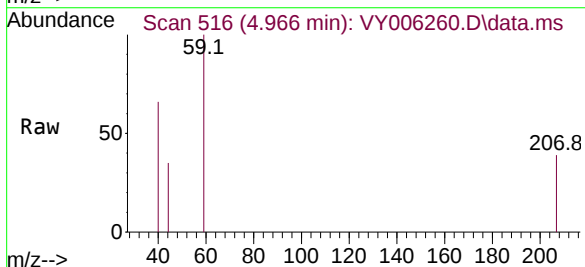
Instrument :
MSVOA_Y
ClientSampled :

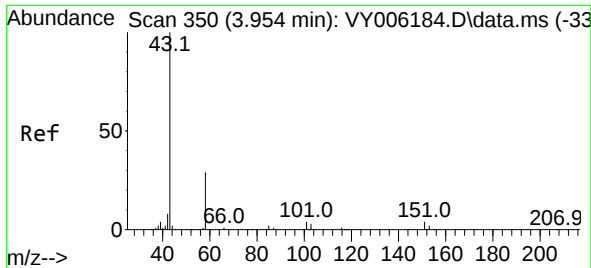
Tgt Ion:168 Resp: 135103
Ion Ratio Lower Upper
168 100
99 54.5 46.9 70.3



#11
Tert butyl alcohol
Concen: 1.937 ug/l
RT: 4.966 min Scan# 516
Delta R.T. 0.006 min
Lab File: VY006260.D
Acq: 01 Oct 2021 14:56

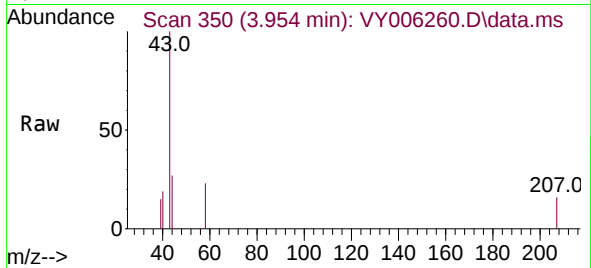
Tgt Ion: 59 Resp: 245
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



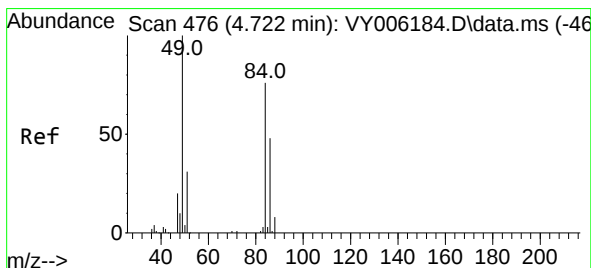
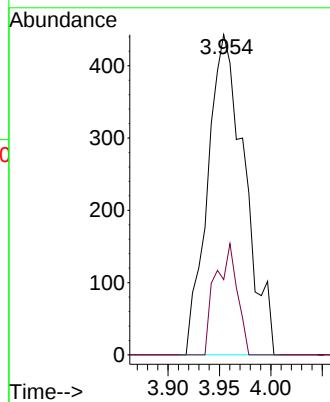
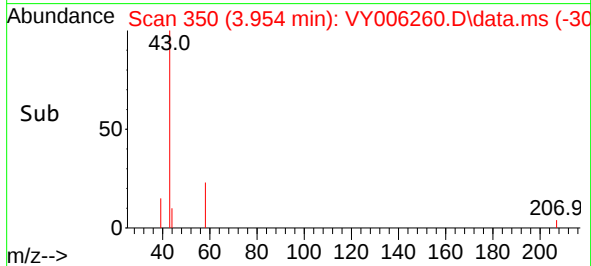


#16
Acetone
Concen: 2.748 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY006260.D
Acq: 01 Oct 2021 14:56

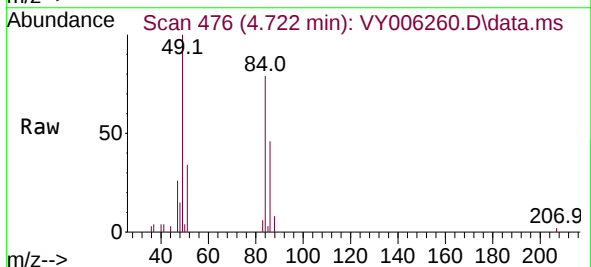
Instrument :
MSVOA_Y
ClientSampled :



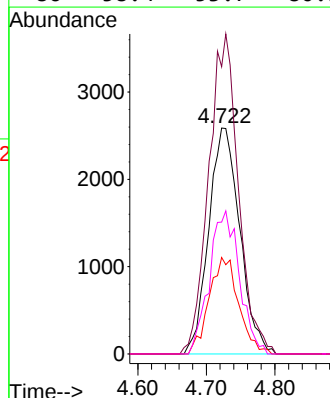
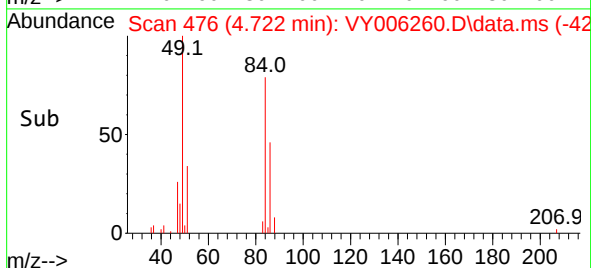
Tgt Ion: 43 Resp: 1110
Ion Ratio Lower Upper
43 100
58 23.5 22.0 33.0

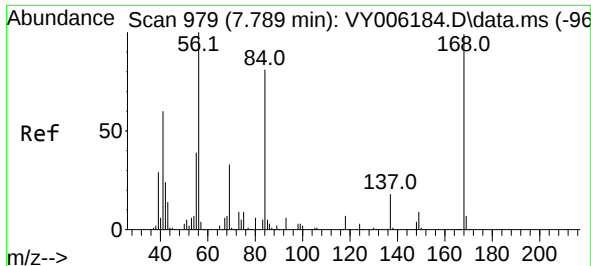


#20
Methylene Chloride
Concen: 2.286 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY006260.D
Acq: 01 Oct 2021 14:56



Tgt Ion: 84 Resp: 8156
Ion Ratio Lower Upper
84 100
49 127.1 114.4 171.6
51 42.7 35.3 52.9
86 58.4 53.7 80.5

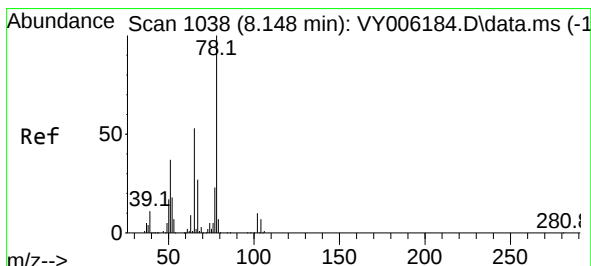
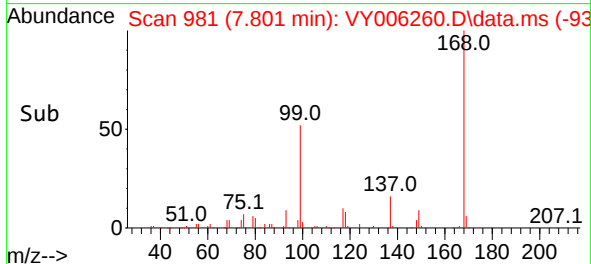
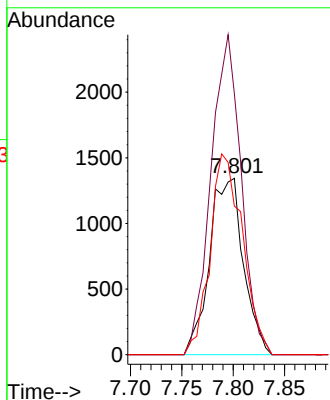
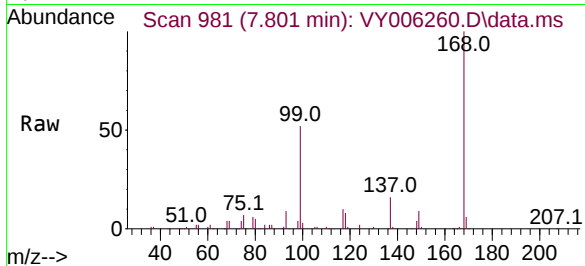




#31
Cyclohexane
Concen: 1.127 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY006260.D
Acq: 01 Oct 2021 14:56

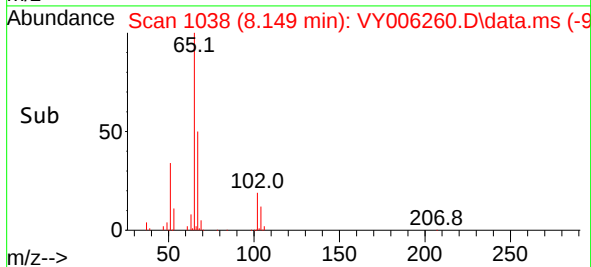
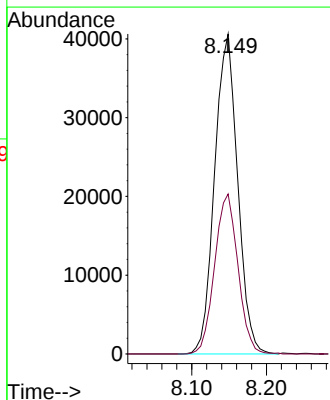
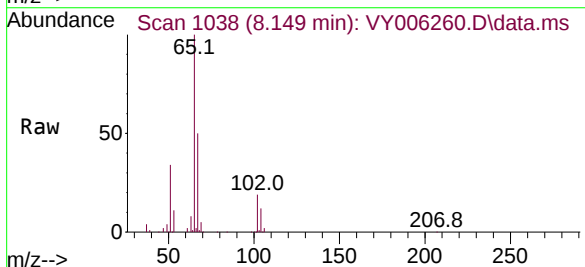
Instrument :
MSVOA_Y
ClientSampled :

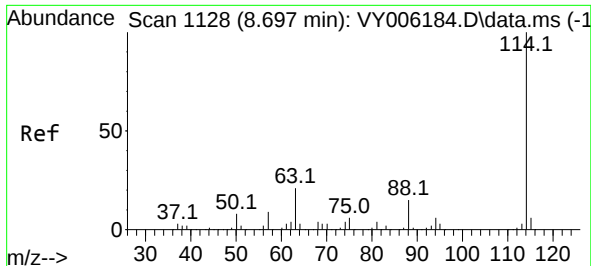
Tgt Ion: 56 Resp: 3087
Ion Ratio Lower Upper
56 100
69 148.0 26.7 40.1#
84 84.3 67.2 100.8



#33
1,2-Dichloroethane-d4
Concen: 60.179 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006260.D
Acq: 01 Oct 2021 14:56

Tgt Ion: 65 Resp: 87018
Ion Ratio Lower Upper
65 100
67 50.7 0.0 99.4

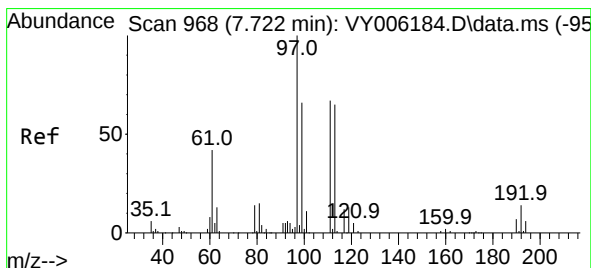
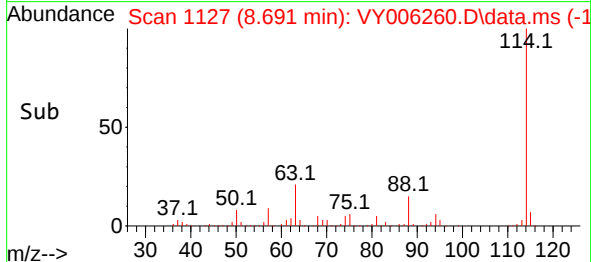
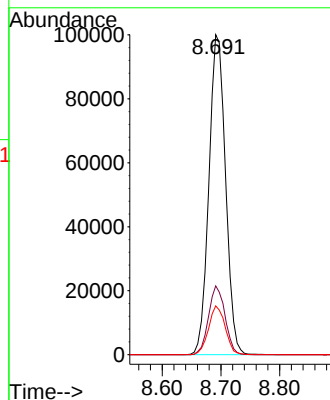
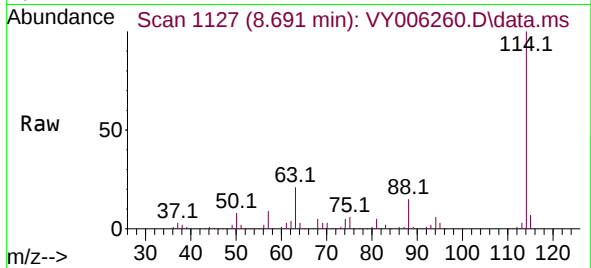




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY006260.D
Acq: 01 Oct 2021 14:56

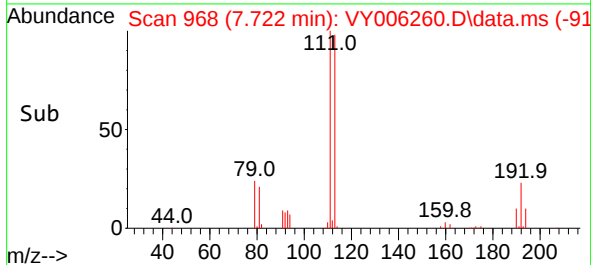
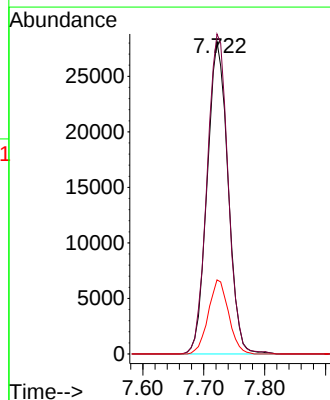
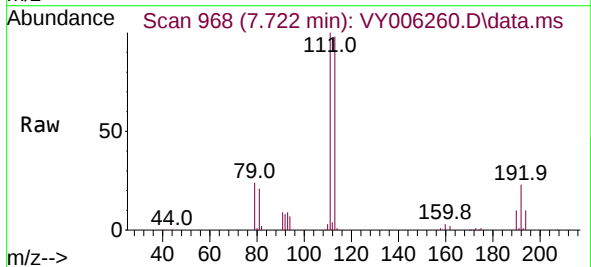
Instrument :
MSVOA_Y
ClientSampleId :

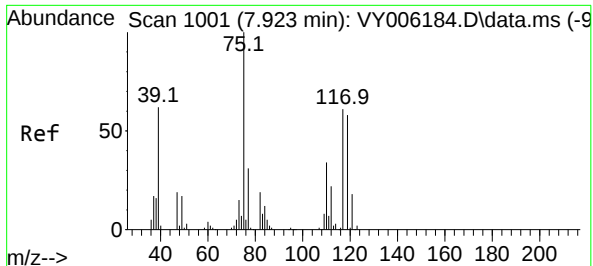
Tgt Ion:114 Resp: 196735
Ion Ratio Lower Upper
114 100
63 21.5 0.0 43.2
88 15.2 0.0 31.8



#35
Dibromofluoromethane
Concen: 63.552 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY006260.D
Acq: 01 Oct 2021 14:56

Tgt Ion:113 Resp: 66798
Ion Ratio Lower Upper
113 100
111 103.3 82.6 124.0
192 23.1 17.6 26.4





#36

1,1-Dichloropropene

Concen: 5.373 ug/l

RT: 7.795 min Scan# 980

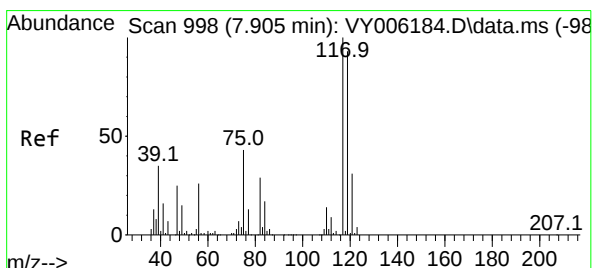
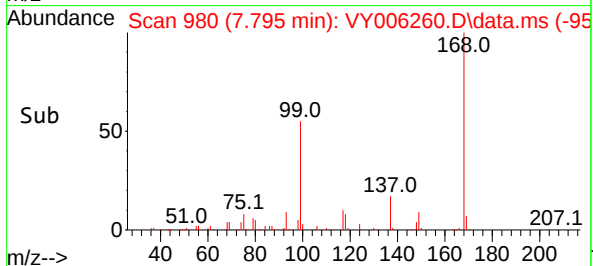
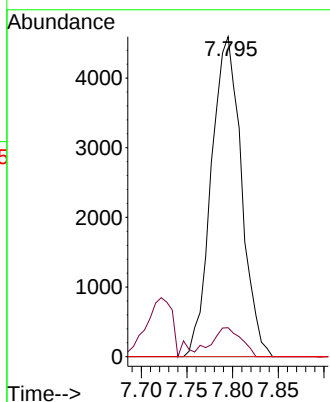
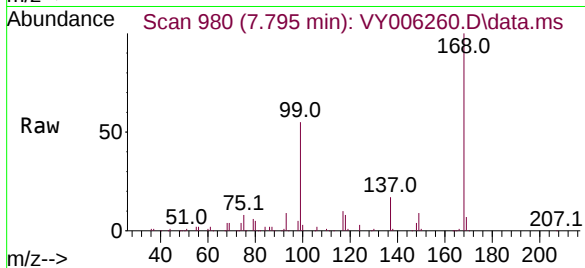
Delta R.T. -0.128 min

Lab File: VY006260.D

Acq: 01 Oct 2021 14:56

Tgt Ion:	75	Resp:	10517
Ion	Ratio	Lower	Upper
75	100		
110	8.9	17.1	51.2#
77	0.0	24.4	36.6#

Instrument :
MSVOA_Y
ClientSampled :



#38

Carbon Tetrachloride

Concen: 6.315 ug/l

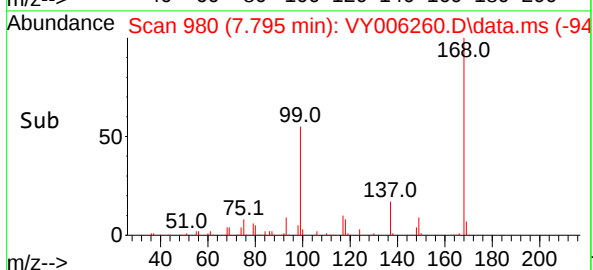
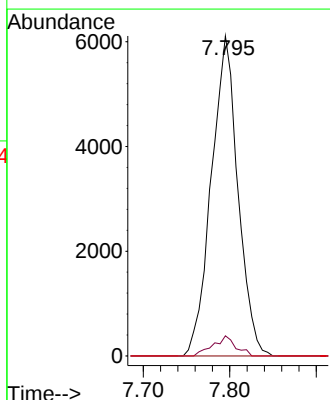
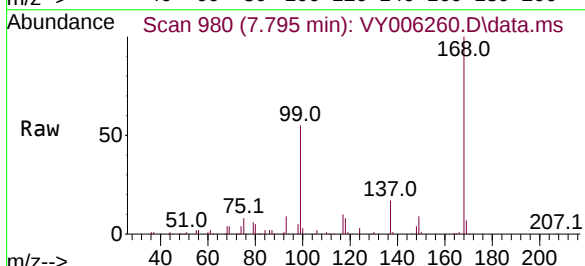
RT: 7.795 min Scan# 980

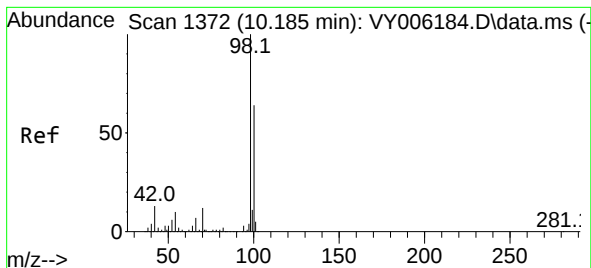
Delta R.T. -0.110 min

Lab File: VY006260.D

Acq: 01 Oct 2021 14:56

Tgt Ion:	117	Resp:	13052
Ion	Ratio	Lower	Upper
117	100		
119	6.3	77.9	116.9#
121	0.0	24.8	37.2#

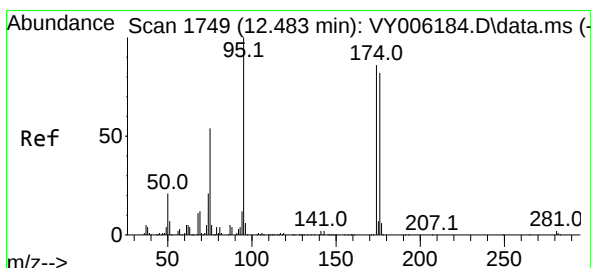
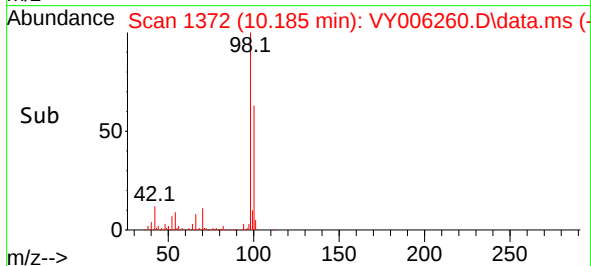
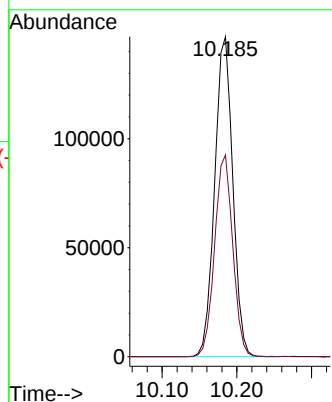
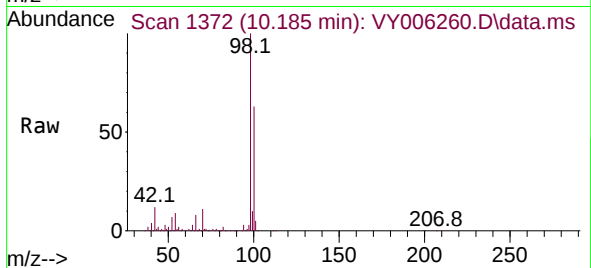




#50
Toluene-d8
Concen: 56.096 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006260.D
Acq: 01 Oct 2021 14:56

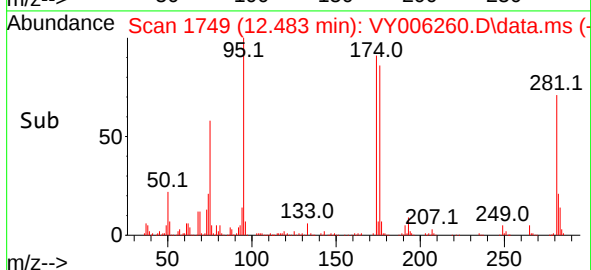
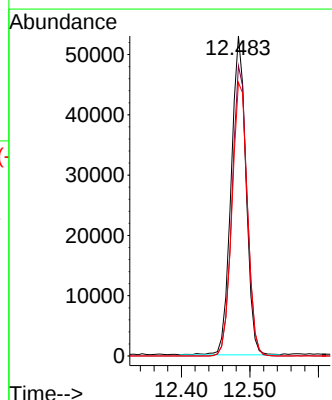
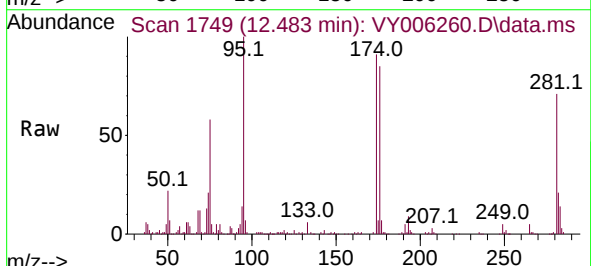
Instrument :
MSVOA_Y
ClientSampled :

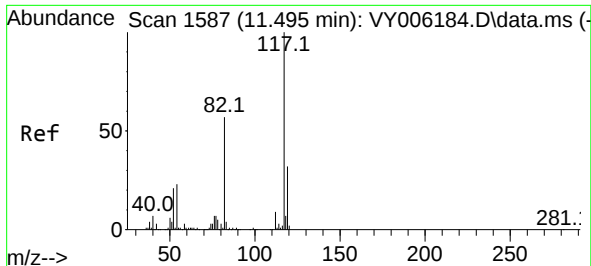
Tgt Ion: 98 Resp: 246762
Ion Ratio Lower Upper
98 100
100 63.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 53.225 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006260.D
Acq: 01 Oct 2021 14:56

Tgt Ion: 95 Resp: 79538
Ion Ratio Lower Upper
95 100
174 92.0 0.0 177.0
176 88.9 0.0 175.8

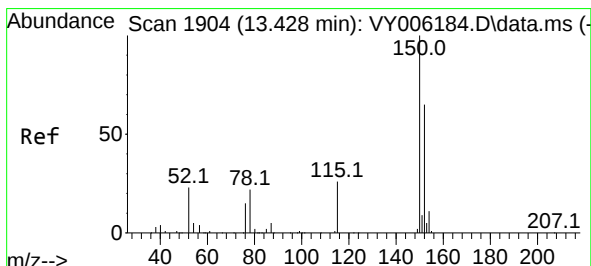
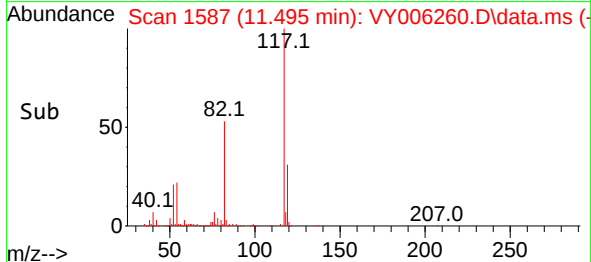
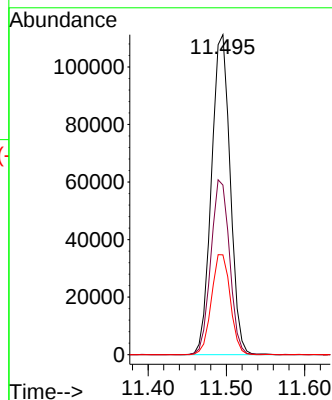
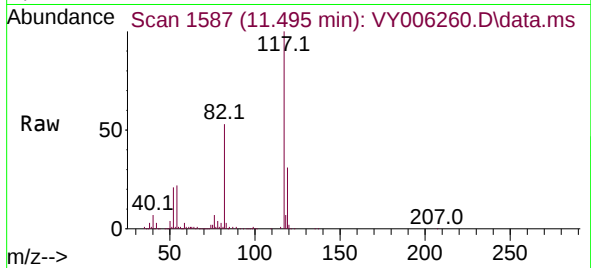




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY006260.D
Acq: 01 Oct 2021 14:56

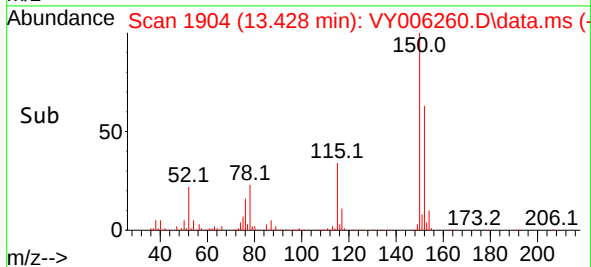
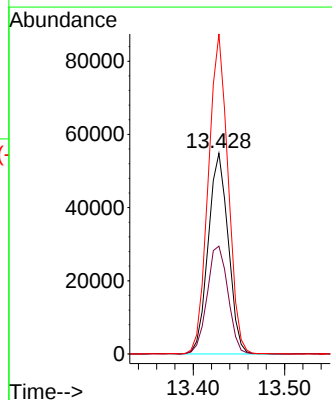
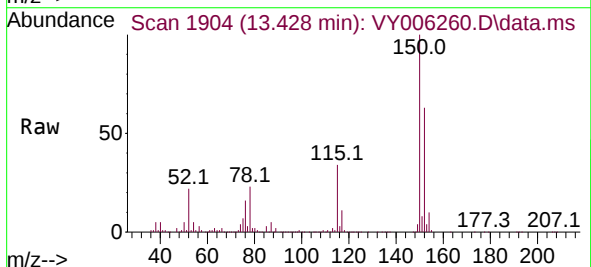
Instrument :
MSVOA_Y
ClientSampleId :

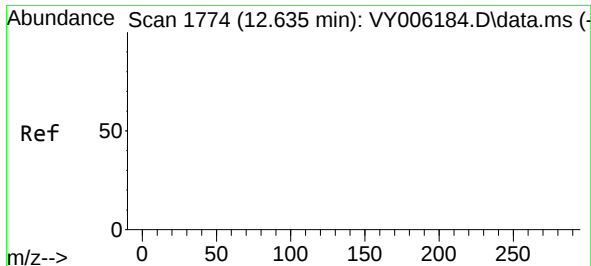
Tgt Ion:117 Resp: 184348
Ion Ratio Lower Upper
117 100
82 53.0 43.0 64.4
119 31.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006260.D
Acq: 01 Oct 2021 14:56

Tgt Ion:152 Resp: 83490
Ion Ratio Lower Upper
152 100
115 56.1 28.2 84.7
150 156.7 0.0 347.6

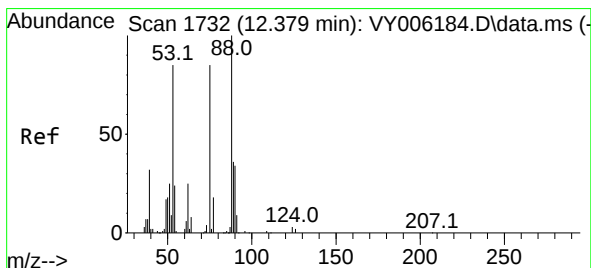
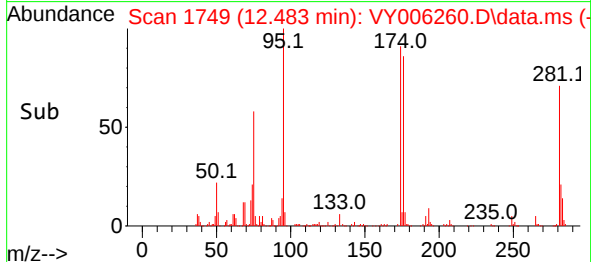
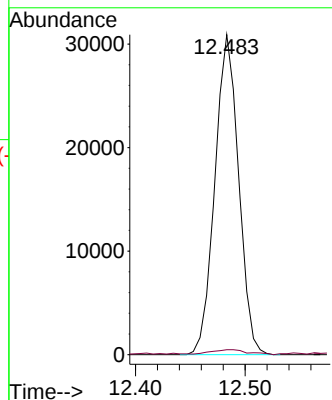
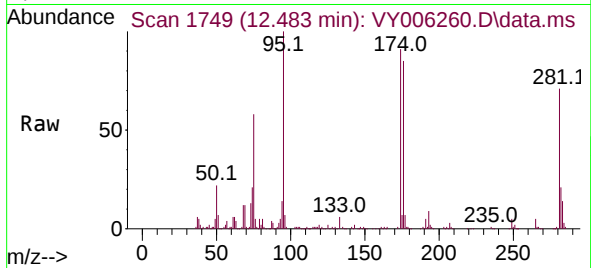




#76
1,2,3-Trichloropropane
Concen: 57.325 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006260.D
Acq: 01 Oct 2021 14:56

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 46518
Ion Ratio Lower Upper
75 100
77 2.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 112.652 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006260.D
Acq: 01 Oct 2021 14:56

Tgt Ion: 75 Resp: 46518
Ion Ratio Lower Upper
75 100
53 0.2 85.3 127.9#
89 1.1 37.0 55.4#

