

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100121\
 Data File : VY006268.D
 Acq On : 01 Oct 2021 18:03
 Operator : SY/MD
 Sample : M4039-04
 Misc : 5.18G/5ML/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 02 02:14:37 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)

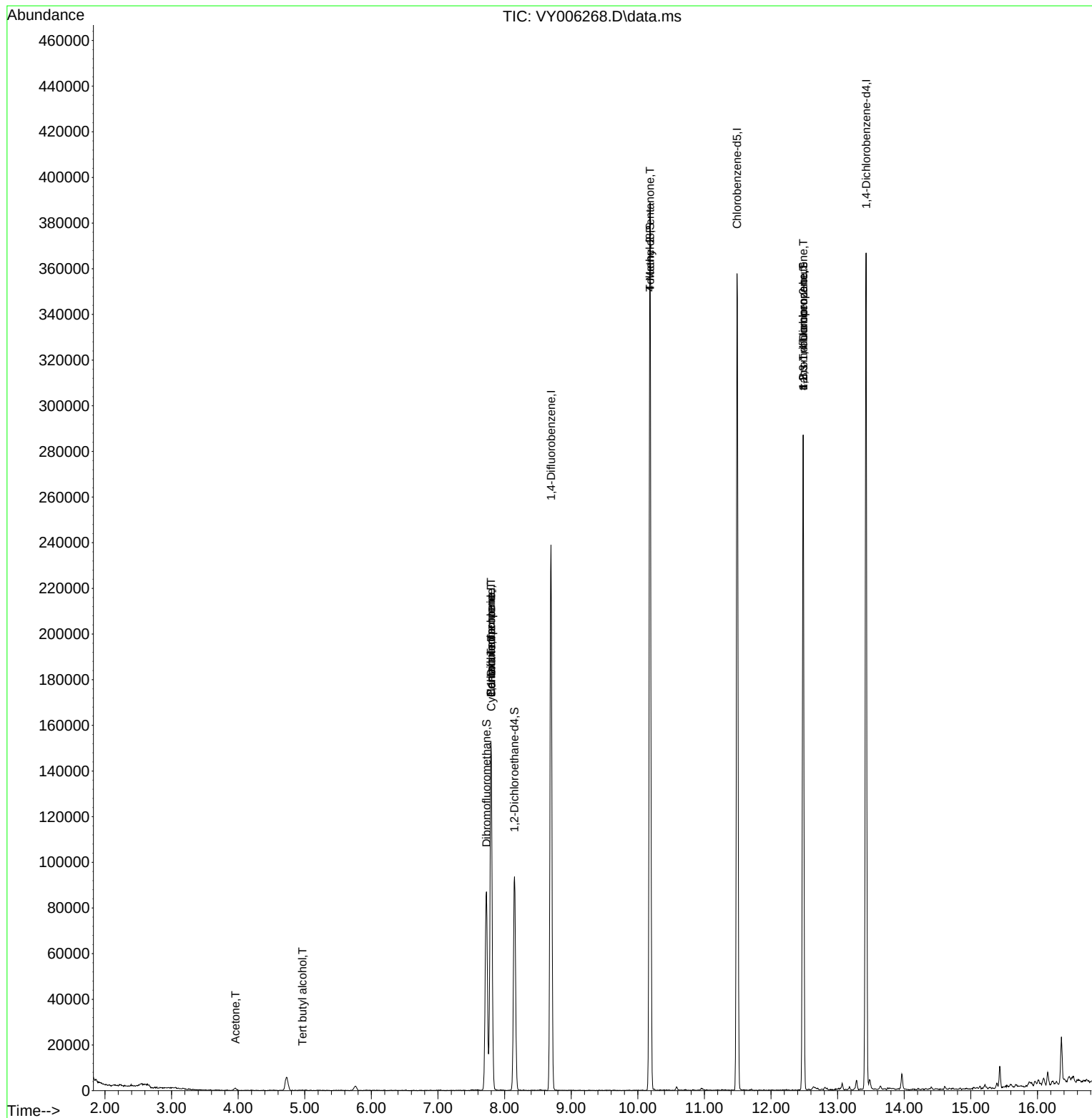
Internal Standards						
1) Pentafluorobenzene	7.795	168	119018	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	198235	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	188667	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	89912	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	78885	61.927	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 123.860%			
35) Dibromofluoromethane	7.728	113	58638	55.366	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.740%			
50) Toluene-d8	10.185	98	246843	55.689	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 111.380%			
62) 4-Bromofluorobenzene	12.483	95	78637	52.224	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.440%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.966	59	230	2.064	ug/l #	77
16) Acetone	3.960	43	1827	5.135	ug/l	99
20) Methylene Chloride	4.722	84	4350	Below Cal		91
31) Cyclohexane	7.801	56	2587	1.072	ug/l #	4
36) 1,1-Dichloropropene	7.795	75	9068	4.598	ug/l #	51
38) Carbon Tetrachloride	7.795	117	11323	5.437	ug/l #	16
51) 4-Methyl-2-Pentanone	10.185	43	1249	1.092	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	44661	51.105	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	44661	100.430	ug/l #	7

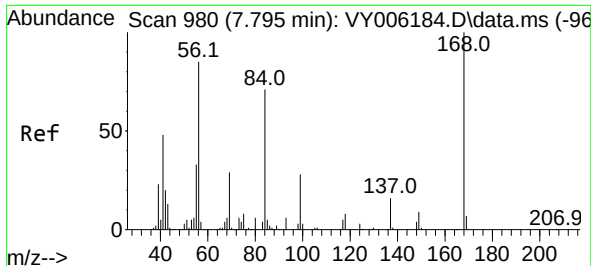
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

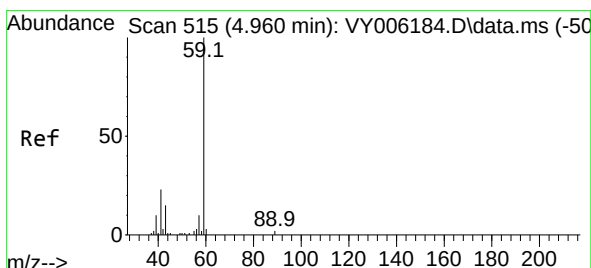
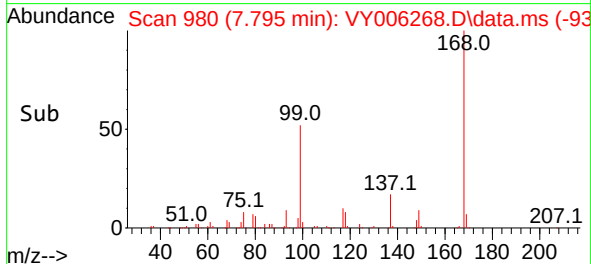
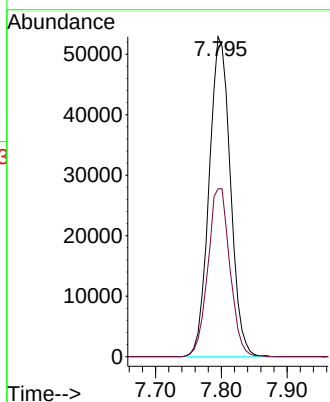
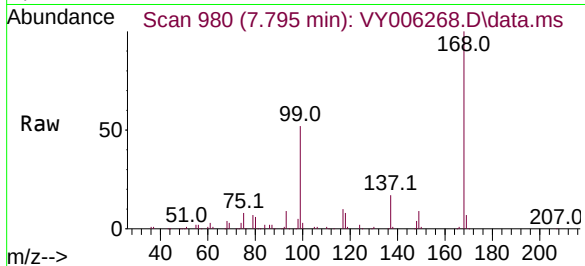




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006268.D
Acq: 01 Oct 2021 18:03

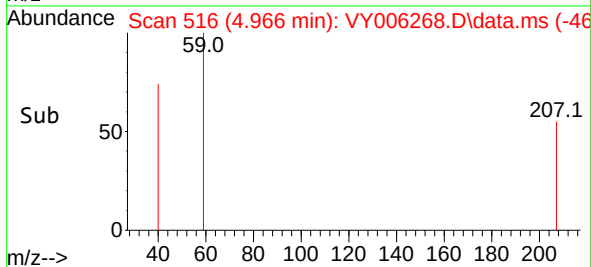
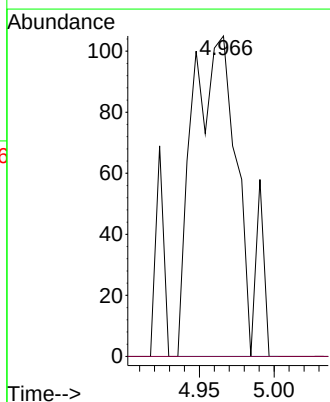
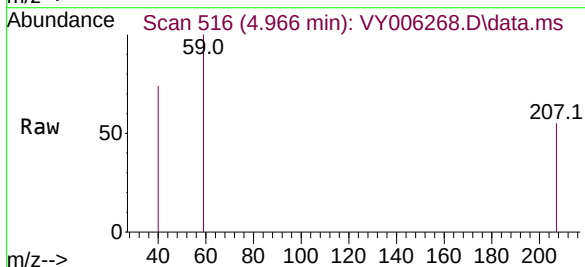
Instrument :
MSVOA_Y
ClientSampled :

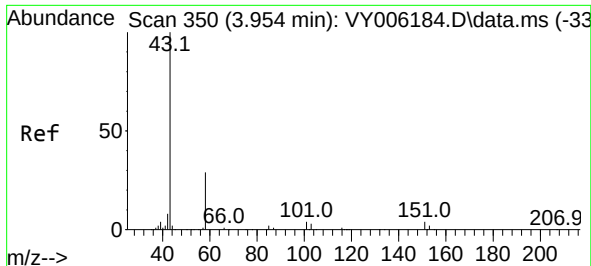
Tgt Ion:168 Resp: 119018
Ion Ratio Lower Upper
168 100
99 52.5 46.9 70.3



#11
Tert butyl alcohol
Concen: 2.064 ug/l
RT: 4.966 min Scan# 516
Delta R.T. 0.006 min
Lab File: VY006268.D
Acq: 01 Oct 2021 18:03

Tgt Ion: 59 Resp: 230
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

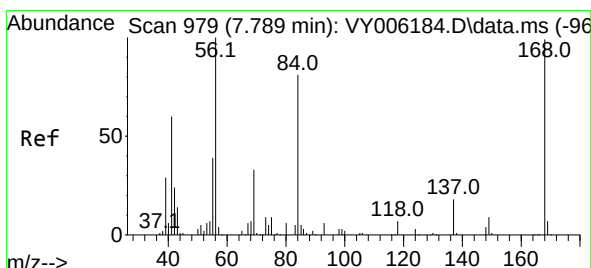
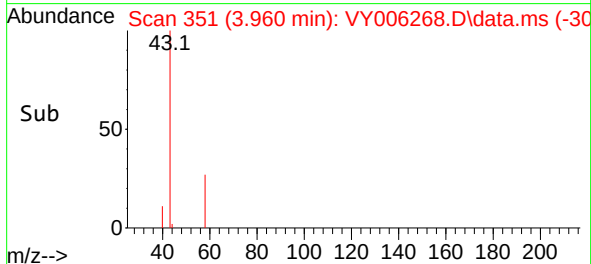
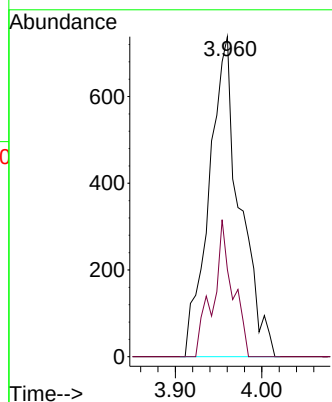
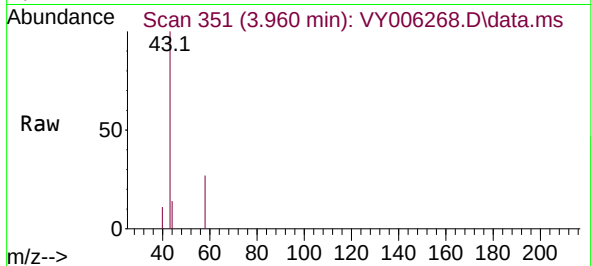




#16
Acetone
Concen: 5.135 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY006268.D
Acq: 01 Oct 2021 18:03

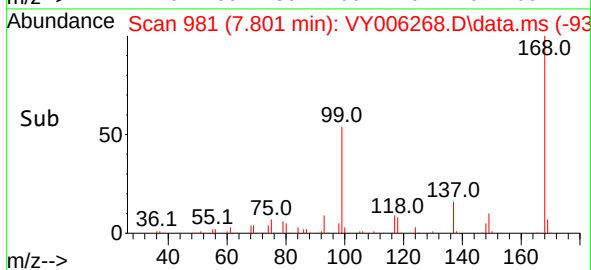
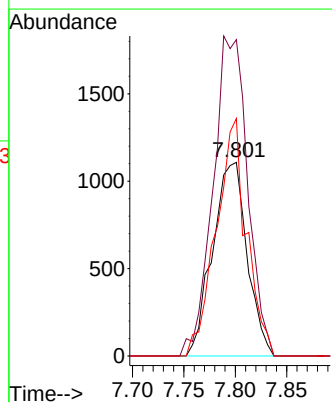
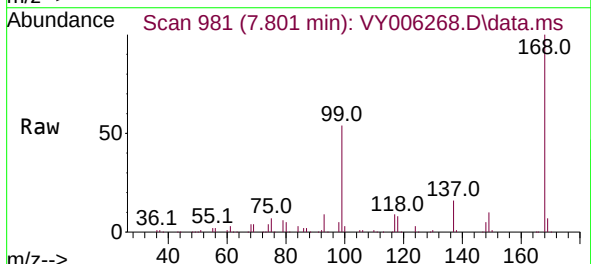
Instrument :
MSVOA_Y
ClientSampled :

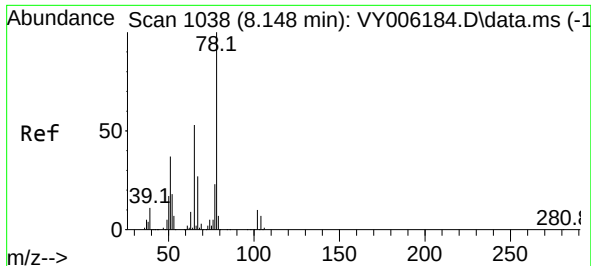
Tgt Ion: 43 Resp: 1827
Ion Ratio Lower Upper
43 100
58 27.2 22.0 33.0



#31
Cyclohexane
Concen: 1.072 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY006268.D
Acq: 01 Oct 2021 18:03

Tgt Ion: 56 Resp: 2587
Ion Ratio Lower Upper
56 100
69 163.4 26.7 40.1#
84 122.7 67.2 100.8#

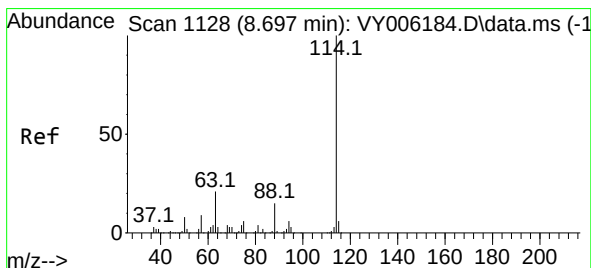
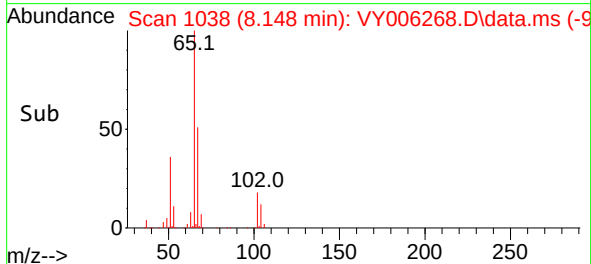
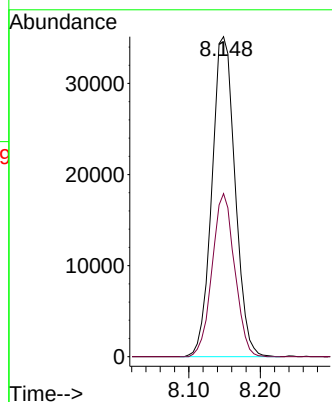
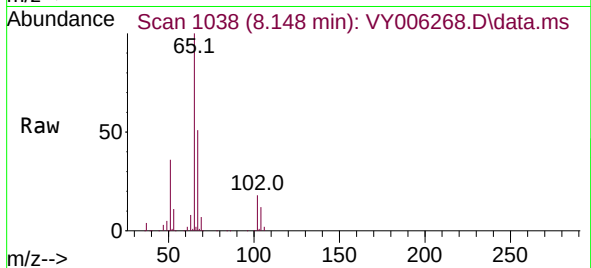




#33
1,2-Dichloroethane-d4
Concen: 61.927 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006268.D
Acq: 01 Oct 2021 18:03

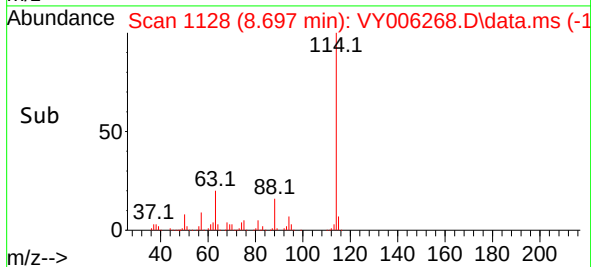
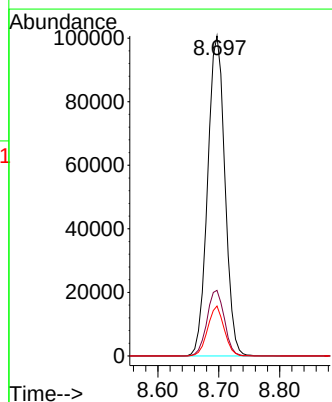
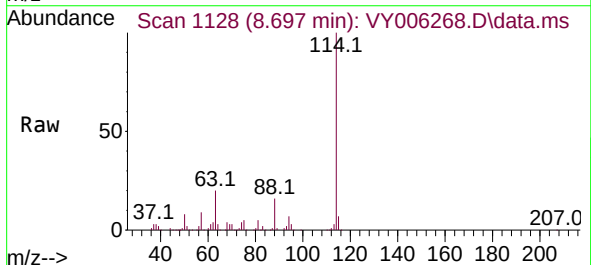
Instrument :
MSVOA_Y
ClientSampled :

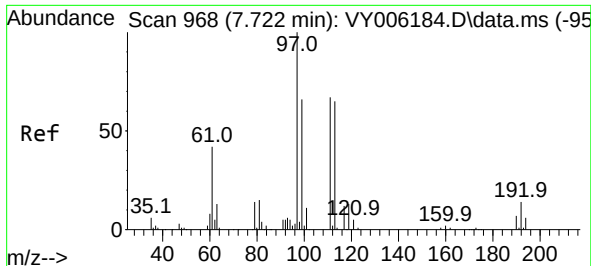
Tgt Ion: 65 Resp: 78885
Ion Ratio Lower Upper
65 100
67 49.6 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY006268.D
Acq: 01 Oct 2021 18:03

Tgt Ion: 114 Resp: 198235
Ion Ratio Lower Upper
114 100
63 20.5 0.0 43.2
88 15.6 0.0 31.8

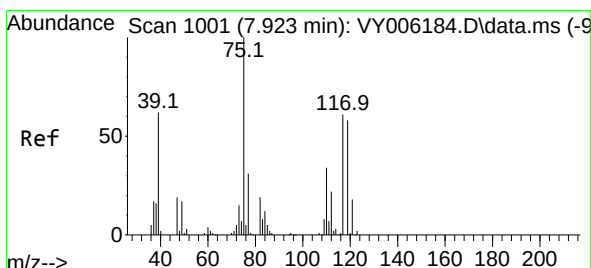
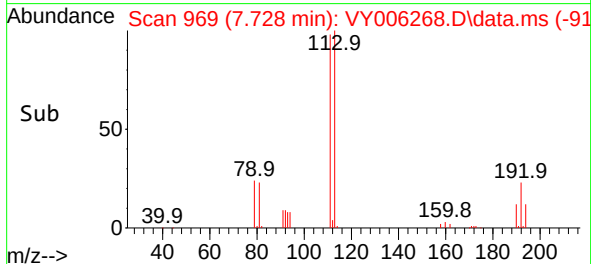
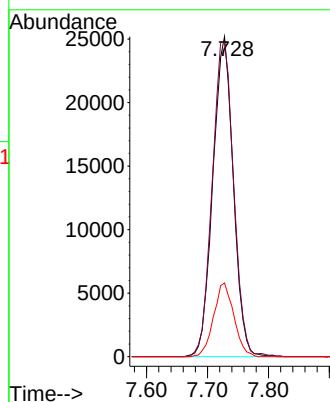
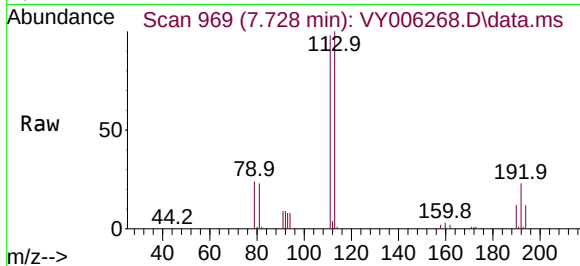




#35
Dibromofluoromethane
Concen: 55.366 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY006268.D
Acq: 01 Oct 2021 18:03

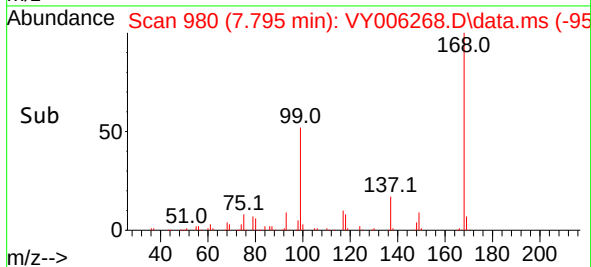
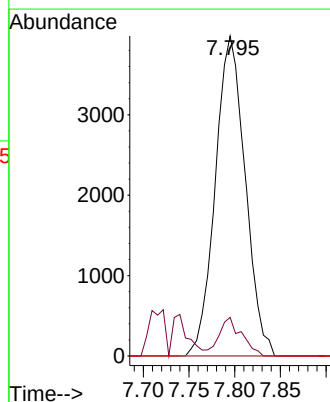
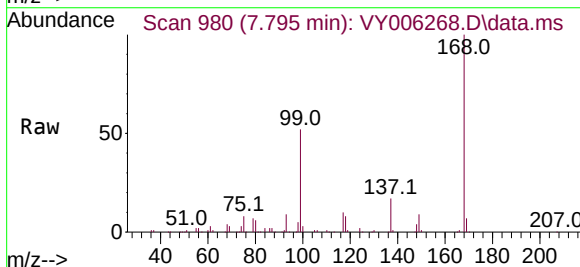
Instrument :
MSVOA_Y
ClientSampleId :

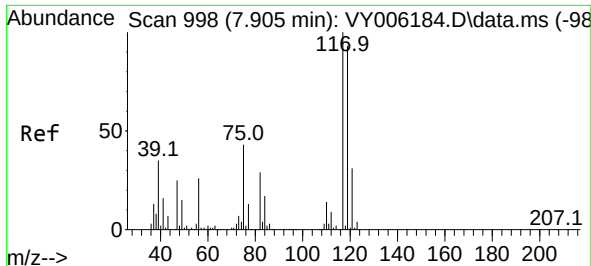
Tgt Ion:113 Resp: 58638
Ion Ratio Lower Upper
113 100
111 103.5 82.6 124.0
192 22.8 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.598 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006268.D
Acq: 01 Oct 2021 18:03

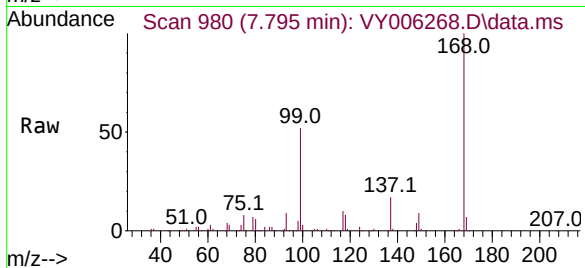
Tgt Ion: 75 Resp: 9068
Ion Ratio Lower Upper
75 100
110 9.2 17.1 51.2#
77 0.0 24.4 36.6#



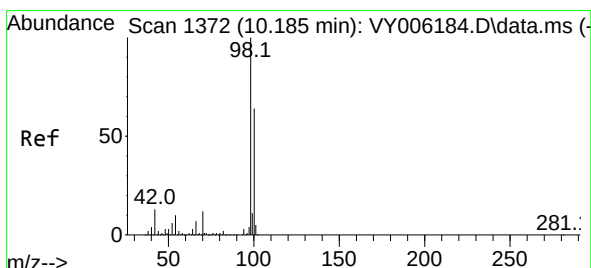
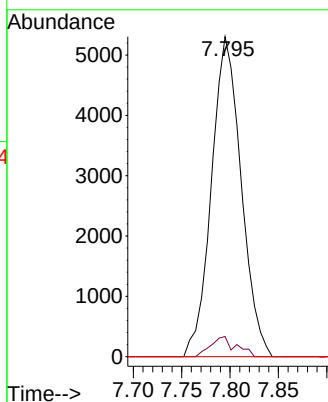
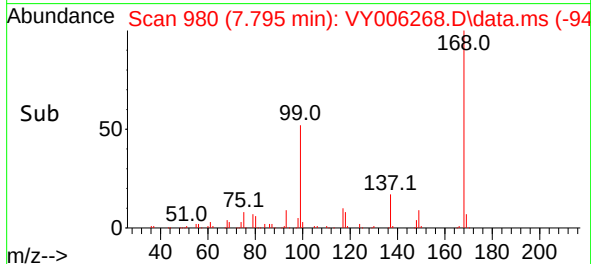


#38
Carbon Tetrachloride
Concen: 5.437 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY006268.D
Acq: 01 Oct 2021 18:03

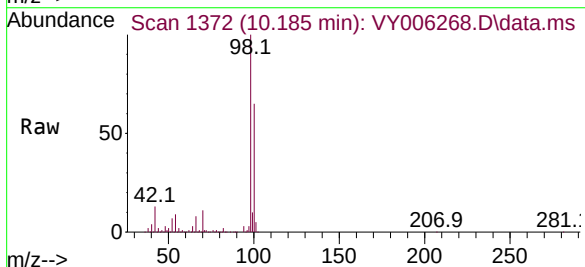
Instrument :
MSVOA_Y
ClientSampleId :



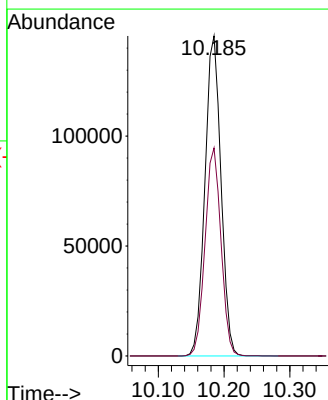
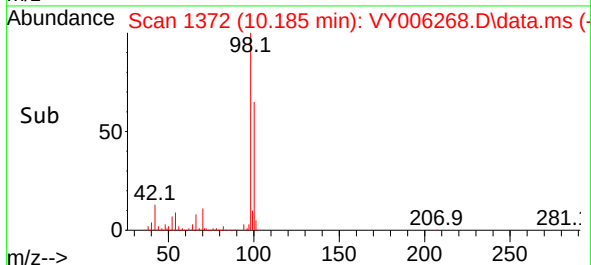
Tgt Ion:117 Resp: 11323
Ion Ratio Lower Upper
117 100
119 6.3 77.9 116.9#
121 0.0 24.8 37.2#

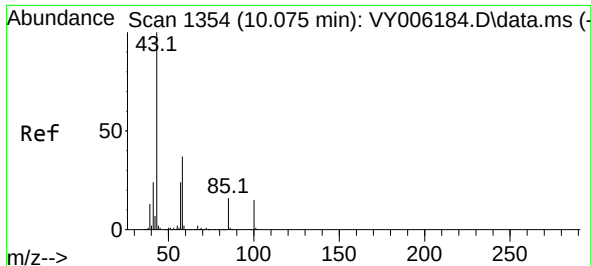


#50
Toluene-d8
Concen: 55.689 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006268.D
Acq: 01 Oct 2021 18:03



Tgt Ion: 98 Resp: 246843
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2

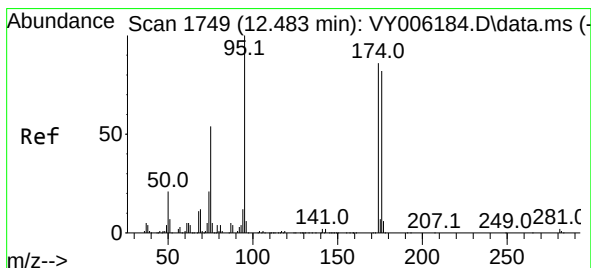
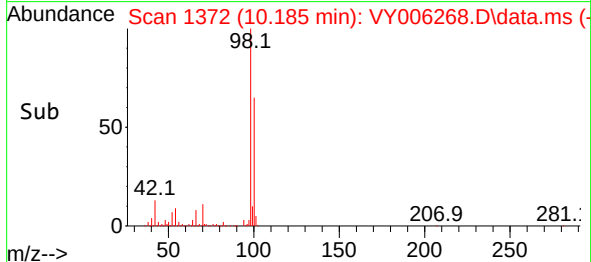
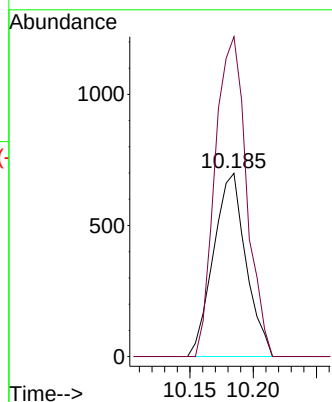
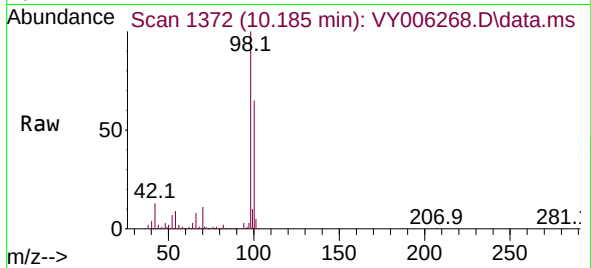




#51
4-Methyl-2-Pentanone
Concen: 1.092 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY006268.D
Acq: 01 Oct 2021 18:03

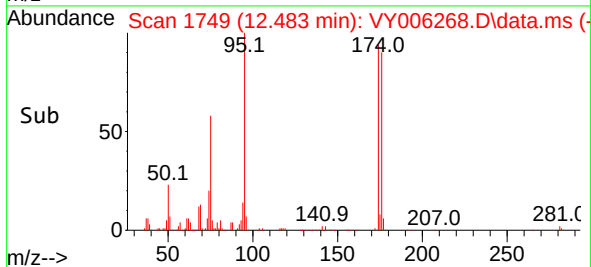
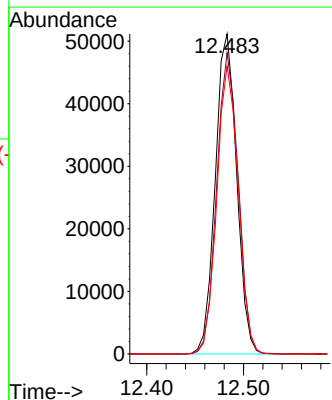
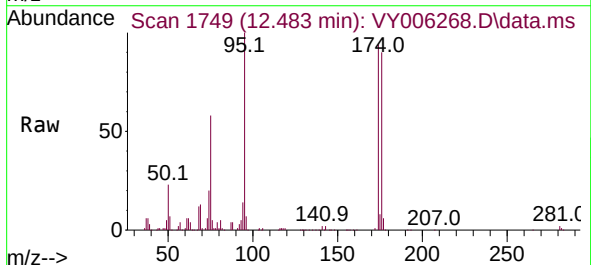
Instrument :
MSVOA_Y
ClientSampled :

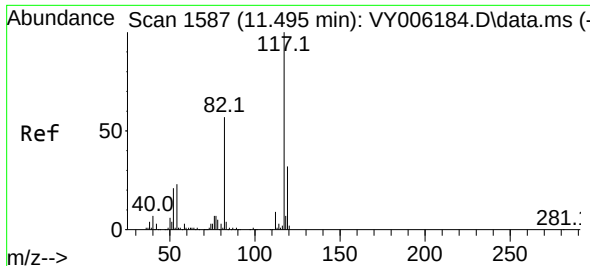
Tgt Ion: 43 Resp: 1249
Ion Ratio Lower Upper
43 100
58 168.7 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 52.224 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006268.D
Acq: 01 Oct 2021 18:03

Tgt Ion: 95 Resp: 78637
Ion Ratio Lower Upper
95 100
174 94.4 0.0 177.0
176 90.2 0.0 175.8

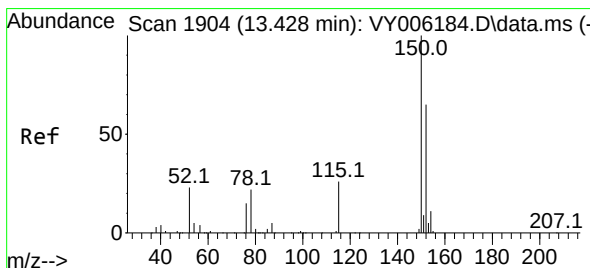
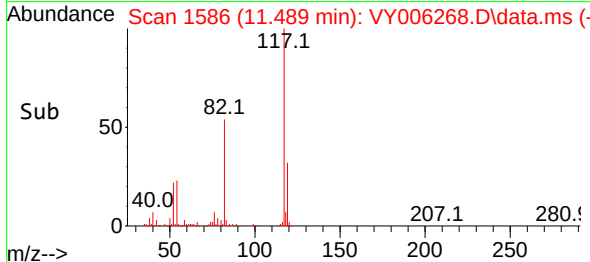
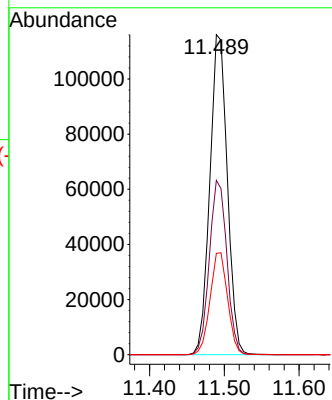
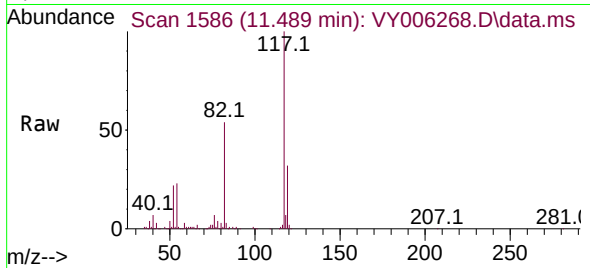




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006268.D
Acq: 01 Oct 2021 18:03

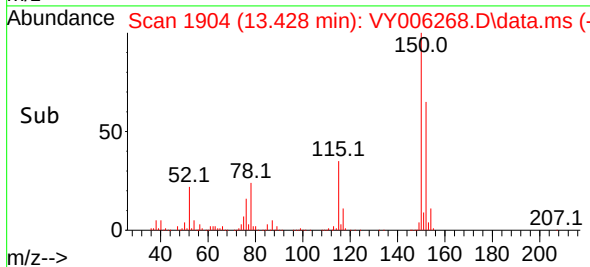
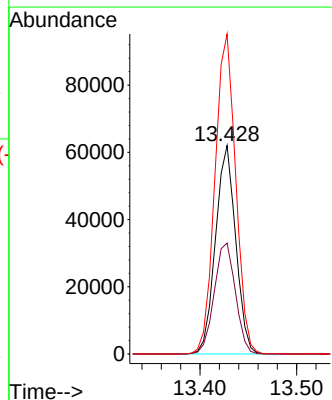
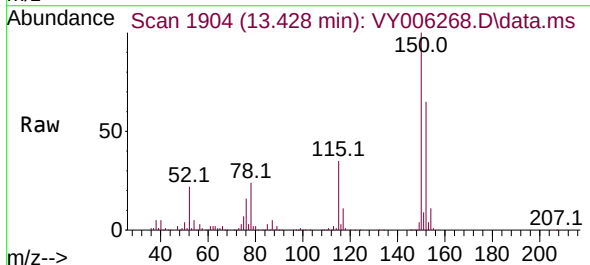
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 188667
Ion Ratio Lower Upper
117 100
82 54.5 43.0 64.4
119 31.7 25.4 38.0

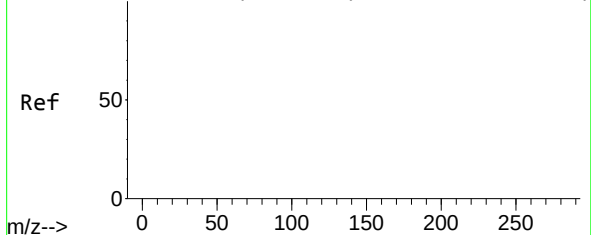


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006268.D
Acq: 01 Oct 2021 18:03

Tgt Ion:152 Resp: 89912
Ion Ratio Lower Upper
152 100
115 55.9 28.2 84.7
150 157.4 0.0 347.6



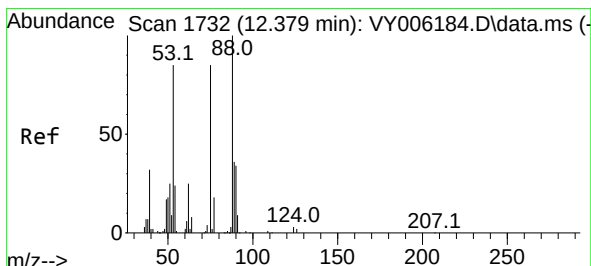
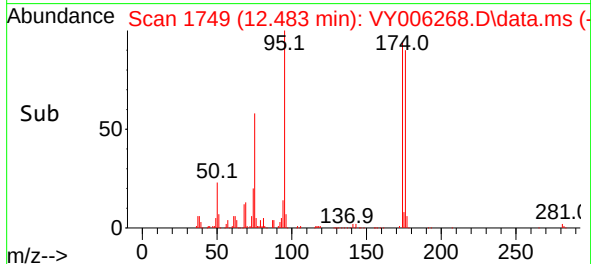
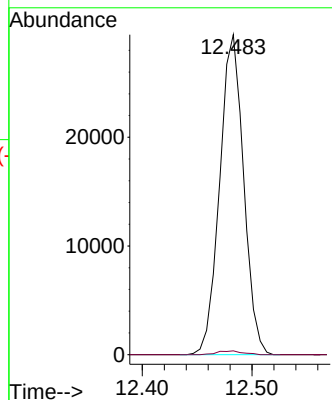
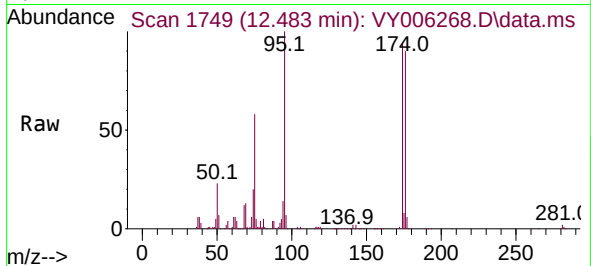
Abundance Scan 1774 (12.635 min): VY006184.D\data.ms (-



#76
1,2,3-Trichloropropane
Concen: 51.105 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006268.D
Acq: 01 Oct 2021 18:03

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 44661
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 100.430 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006268.D
Acq: 01 Oct 2021 18:03

Tgt Ion: 75 Resp: 44661
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.0 37.0 55.4#

