

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100821\
 Data File : VY006337.D
 Acq On : 07 Oct 2021 17:26
 Operator : SY/MD
 Sample : M4117-06
 Misc : 6.27G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2(4.5-5.0)

Quant Time: Oct 08 07:13:28 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)

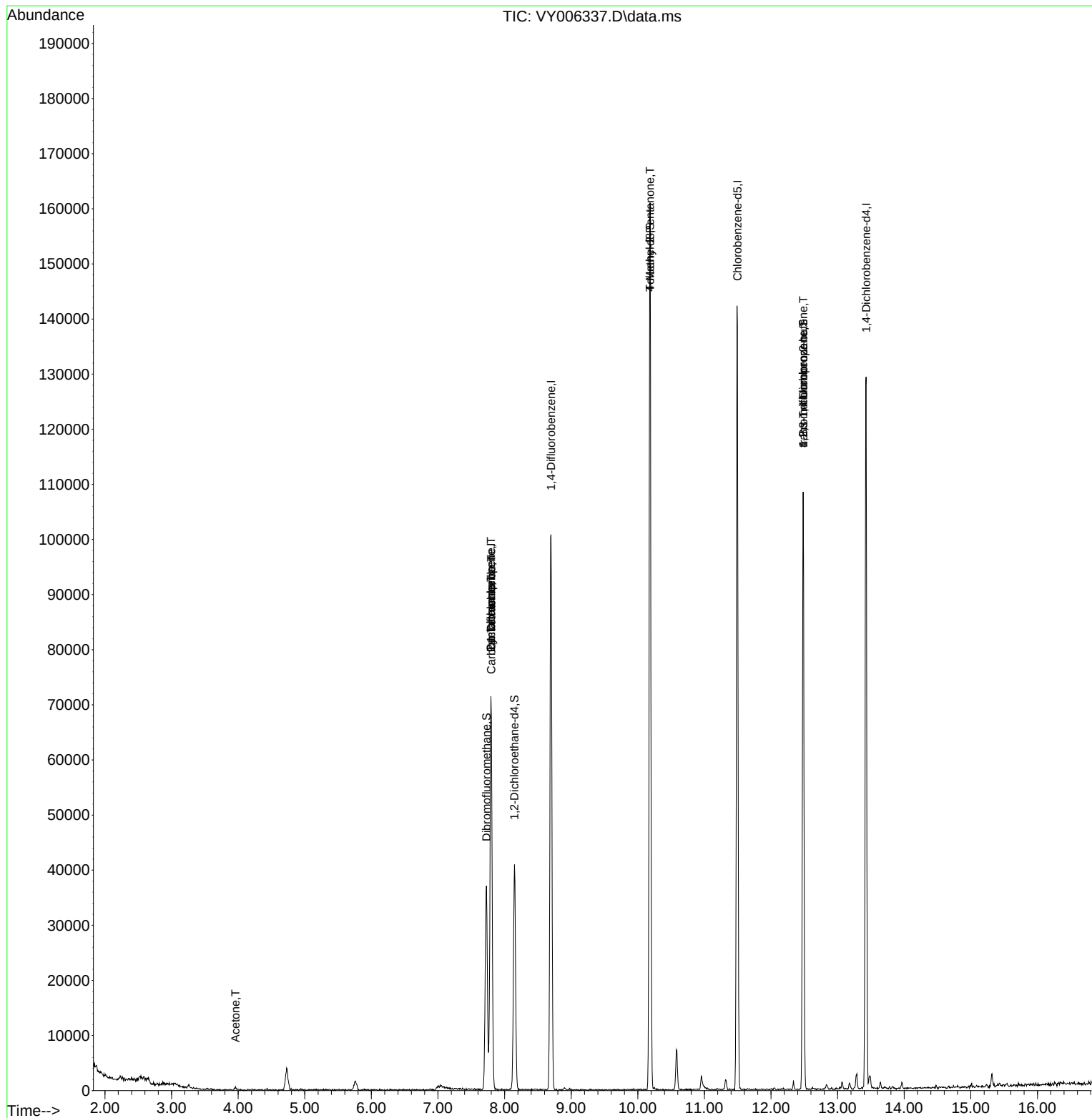
Internal Standards						
1) Pentafluorobenzene	7.795	168	56031	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	85451	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	74594	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	33231	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	33794	56.352	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.700%	
35) Dibromofluoromethane	7.728	113	24071	52.726	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.460%	
50) Toluene-d8	10.185	98	105249	55.085	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.180%	
62) 4-Bromofluorobenzene	12.483	95	29235	45.041	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 90.080%	
Target Compounds						
					Qvalue	
16) Acetone	3.960	43	751	4.484	ug/l #	82
31) Cyclohexane	7.795	56	1202	1.058	ug/l #	40
36) 1,1-Dichloropropene	7.795	75	4166	4.900	ug/l #	50
38) Carbon Tetrachloride	7.801	117	5162	5.750	ug/l #	16
51) 4-Methyl-2-Pentanone	10.185	43	579	1.174	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	16769	51.918	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	16769	102.027	ug/l #	7

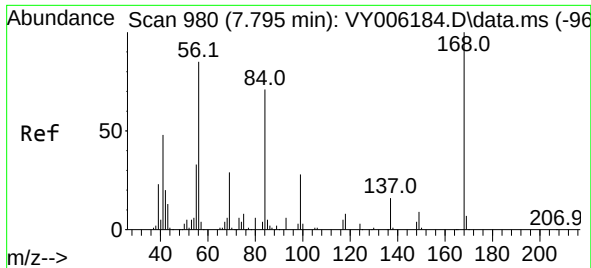
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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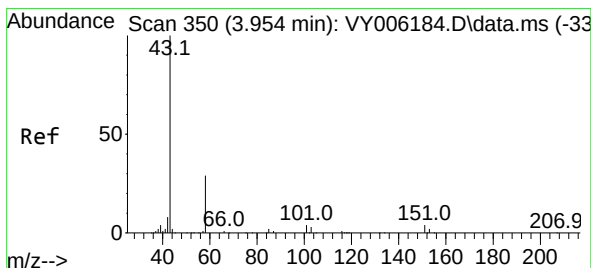
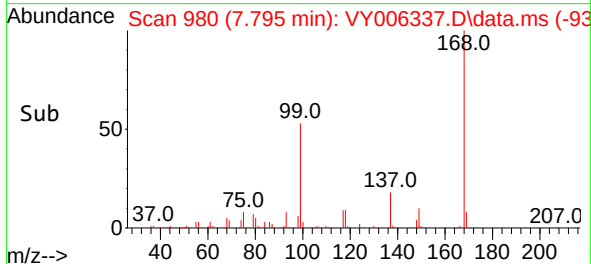
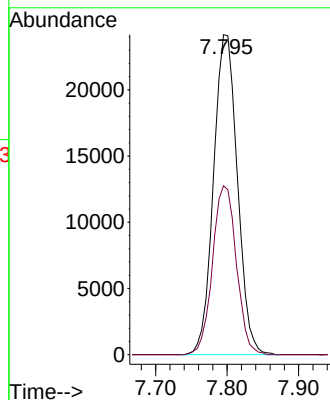
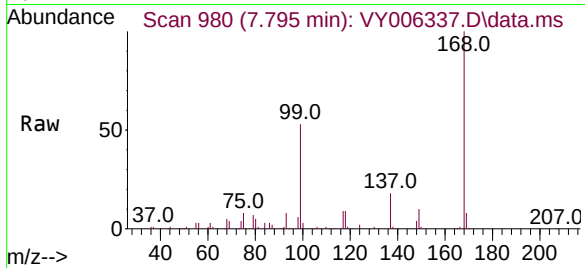




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006337.D
Acq: 07 Oct 2021 17:26

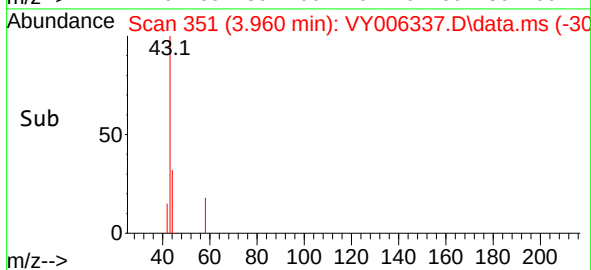
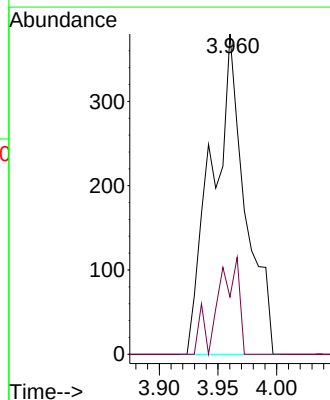
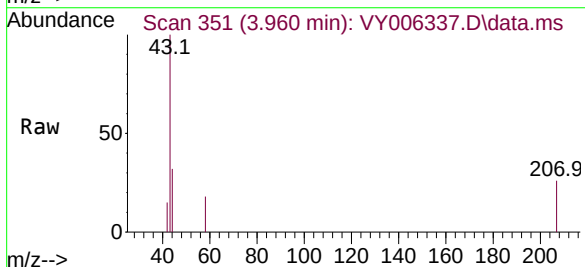
Instrument :
MSVOA_Y
ClientSampleId :
SB-2(4.5-5.0)

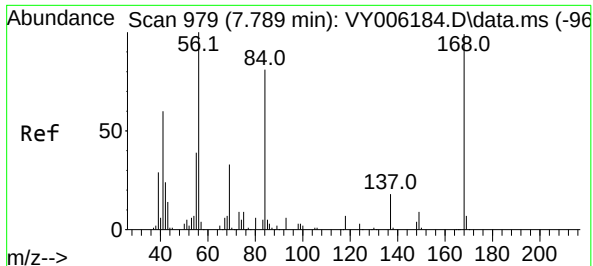
Tgt Ion:168 Resp: 56031
Ion Ratio Lower Upper
168 100
99 52.8 46.9 70.3



#16
Acetone
Concen: 4.484 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY006337.D
Acq: 07 Oct 2021 17:26

Tgt Ion: 43 Resp: 751
Ion Ratio Lower Upper
43 100
58 17.9 22.0 33.0#

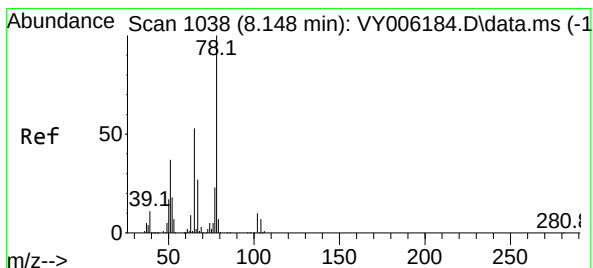
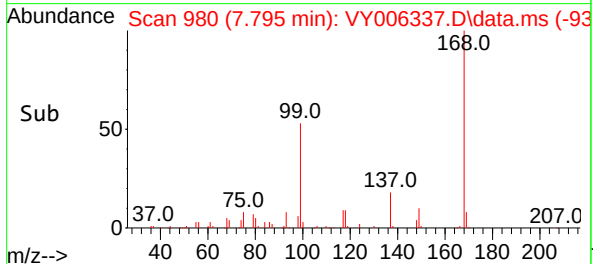
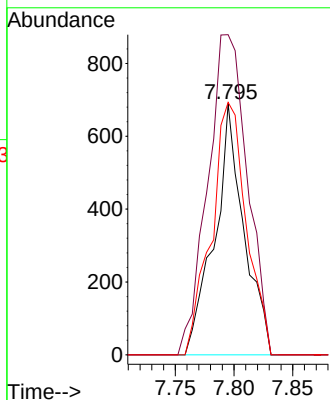
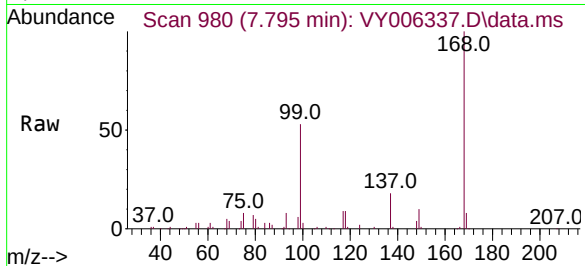




#31
Cyclohexane
Concen: 1.058 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY006337.D
Acq: 07 Oct 2021 17:26

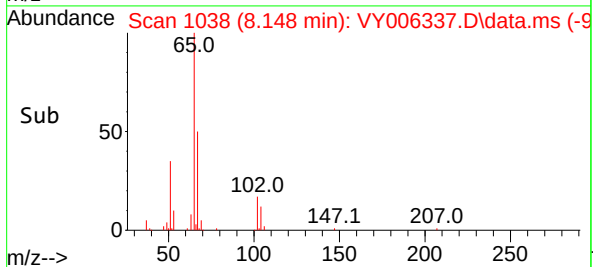
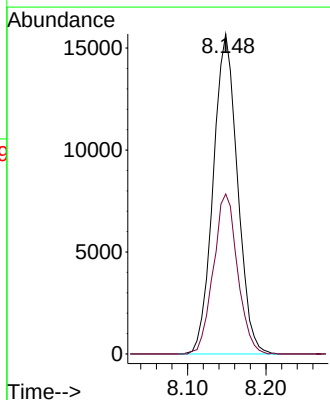
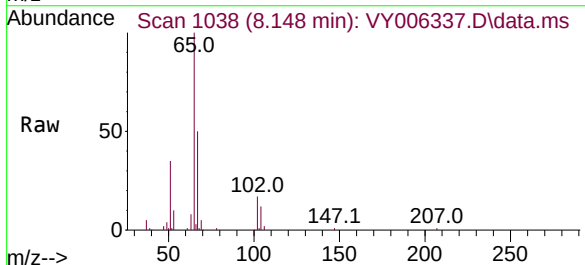
Instrument :
MSVOA_Y
ClientSampleId :
SB-2(4.5-5.0)

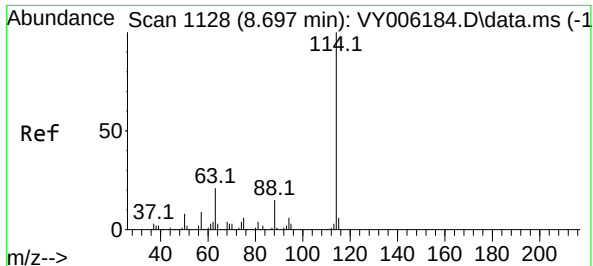
Tgt Ion: 56 Resp: 1202
Ion Ratio Lower Upper
56 100
69 127.4 26.7 40.1#
84 100.4 67.2 100.8



#33
1,2-Dichloroethane-d4
Concen: 56.352 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006337.D
Acq: 07 Oct 2021 17:26

Tgt Ion: 65 Resp: 33794
Ion Ratio Lower Upper
65 100
67 49.7 0.0 99.4

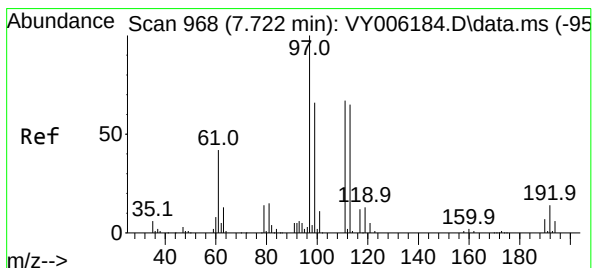
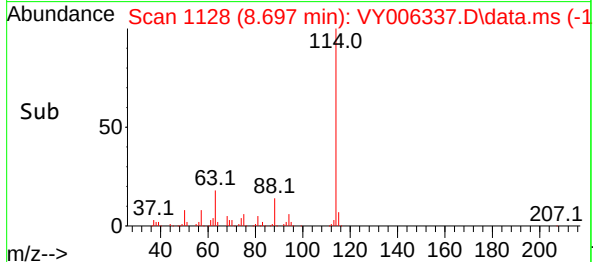
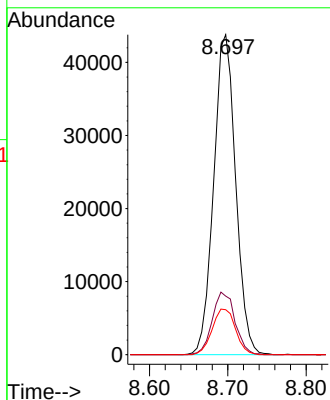
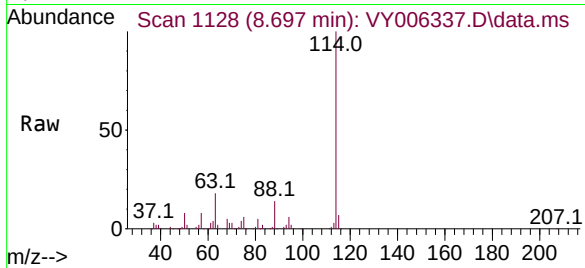




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006337.D
Acq: 07 Oct 2021 17:26

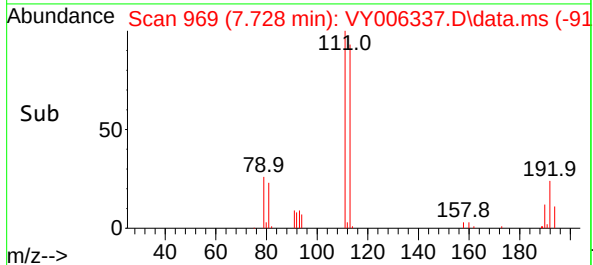
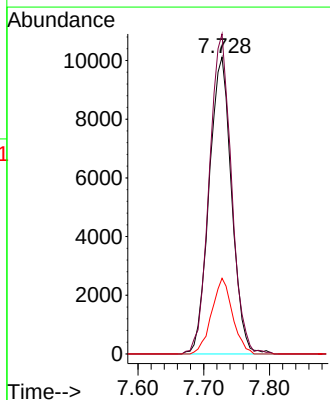
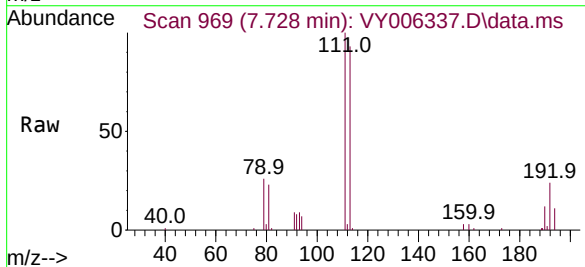
Instrument :
MSVOA_Y
ClientSampleId :
SB-2(4.5-5.0)

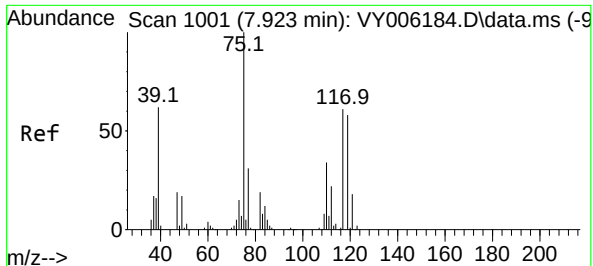
Tgt Ion:	114	Resp:	85451
Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	43.2
88	14.1	0.0	31.8



#35
Dibromofluoromethane
Concen: 52.726 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY006337.D
Acq: 07 Oct 2021 17:26

Tgt Ion:	113	Resp:	24071
Ion	Ratio	Lower	Upper
113	100		
111	106.2	82.6	124.0
192	23.7	17.6	26.4



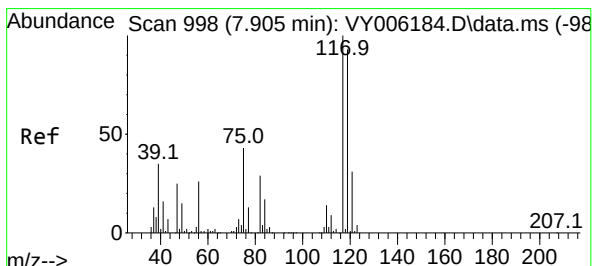
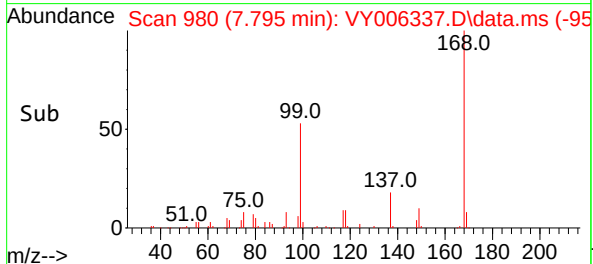
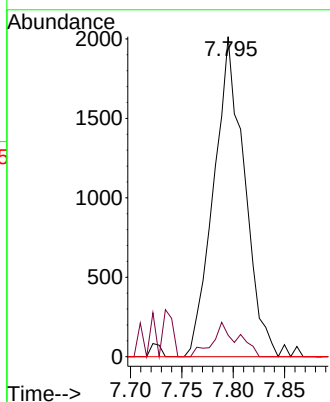
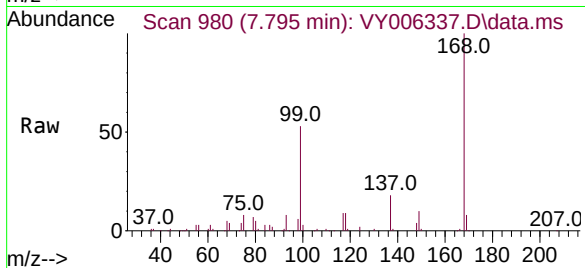


#36

1,1-Dichloropropene
Concen: 4.900 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006337.D
Acq: 07 Oct 2021 17:26

Instrument :
MSVOA_Y
ClientSampleId :
SB-2(4.5-5.0)

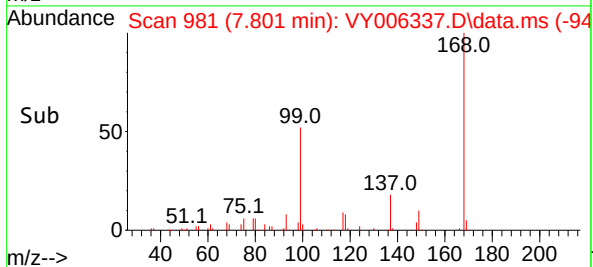
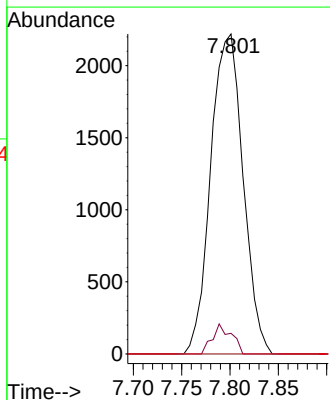
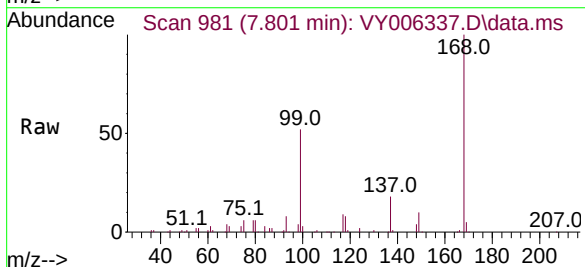
Tgt Ion: 75 Resp: 4166
Ion Ratio Lower Upper
75 100
110 9.0 17.1 51.2#
77 0.0 24.4 36.6#

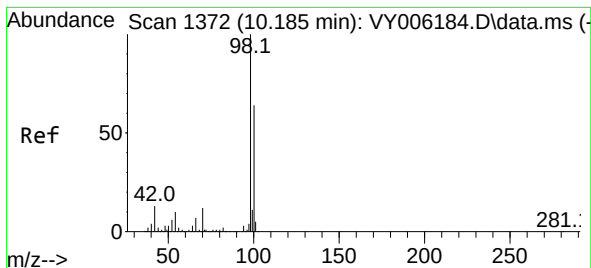


#38

Carbon Tetrachloride
Concen: 5.750 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.104 min
Lab File: VY006337.D
Acq: 07 Oct 2021 17:26

Tgt Ion: 117 Resp: 5162
Ion Ratio Lower Upper
117 100
119 6.4 77.9 116.9#
121 0.0 24.8 37.2#

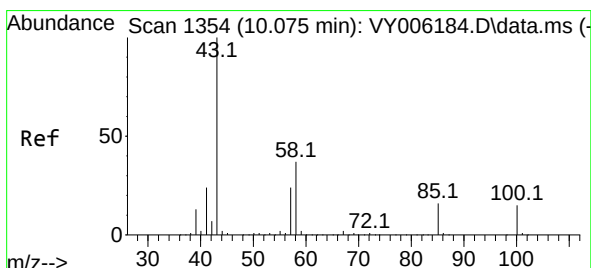
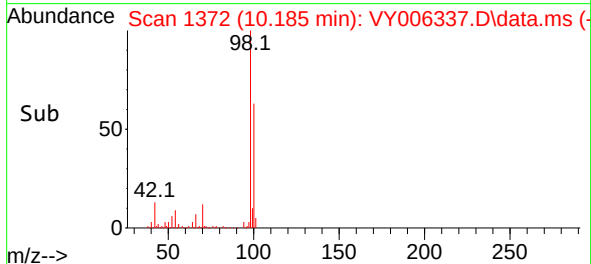
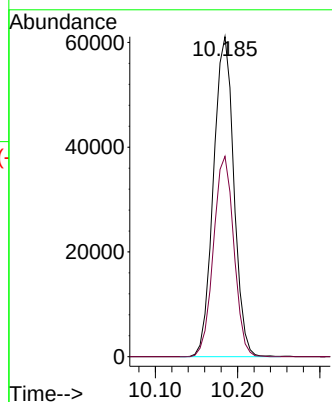
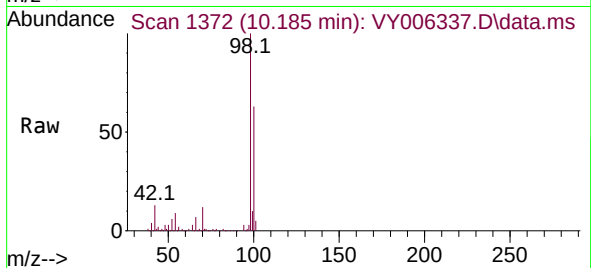




#50
Toluene-d8
Concen: 55.085 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006337.D
Acq: 07 Oct 2021 17:26

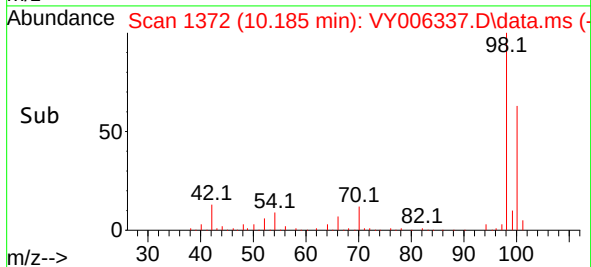
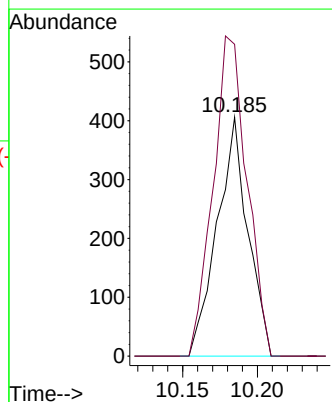
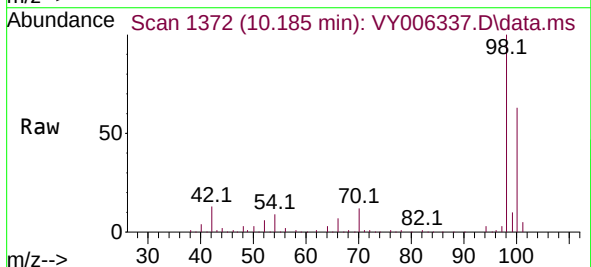
Instrument :
MSVOA_Y
ClientSampleId :
SB-2(4.5-5.0)

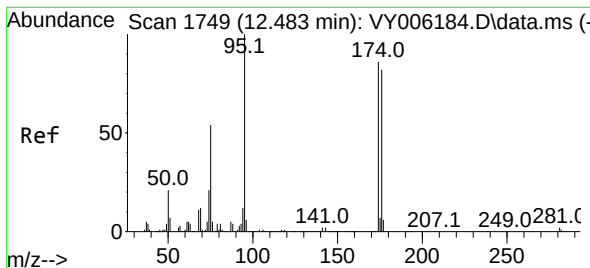
Tgt Ion: 98 Resp: 105249
Ion Ratio Lower Upper
98 100
100 62.7 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 1.174 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY006337.D
Acq: 07 Oct 2021 17:26

Tgt Ion: 43 Resp: 579
Ion Ratio Lower Upper
43 100
58 148.2 28.1 42.1#

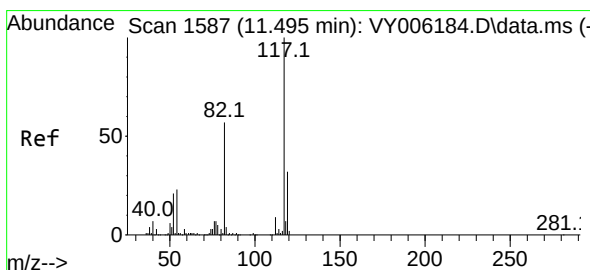
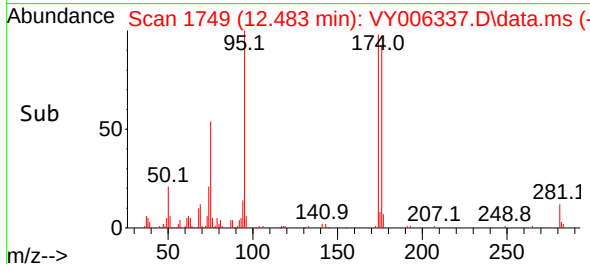
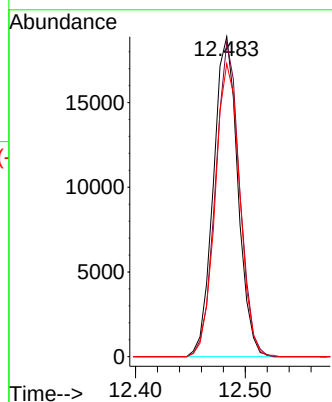
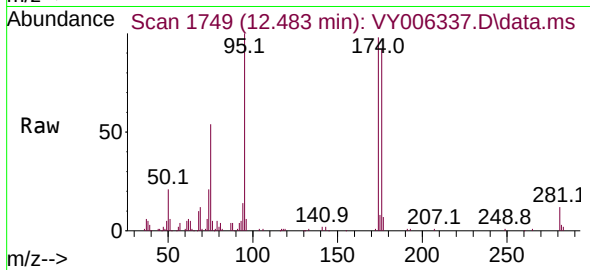




#62
4-Bromofluorobenzene
Concen: 45.041 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006337.D
Acq: 07 Oct 2021 17:26

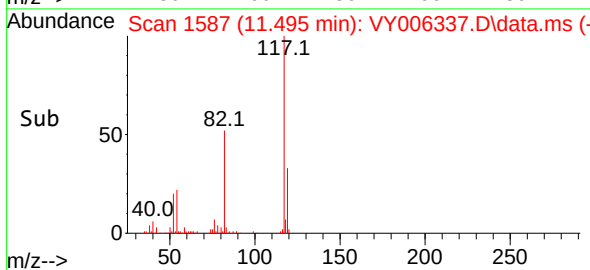
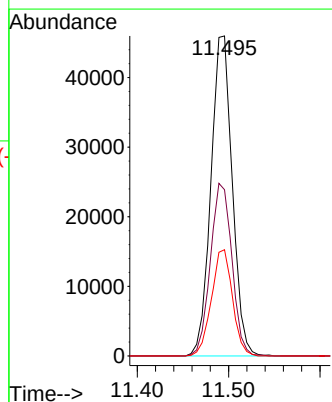
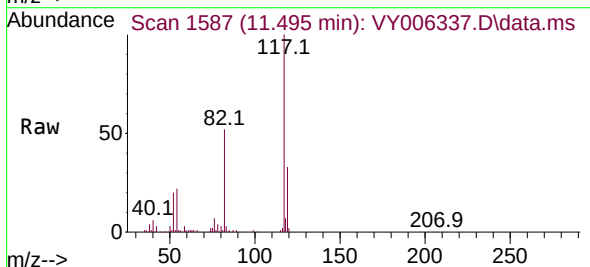
Instrument :
MSVOA_Y
ClientSampleId :
SB-2(4.5-5.0)

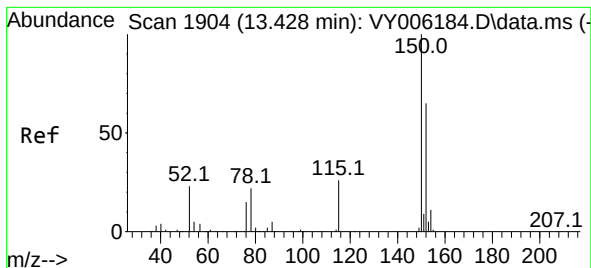
Tgt Ion:	95	Resp:	29235
Ion	Ratio	Lower	Upper
95	100		
174	97.2	0.0	177.0
176	92.7	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY006337.D
Acq: 07 Oct 2021 17:26

Tgt Ion:	117	Resp:	74594
Ion	Ratio	Lower	Upper
117	100		
82	52.0	43.0	64.4
119	33.2	25.4	38.0

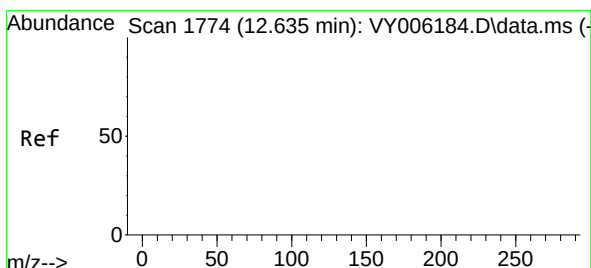
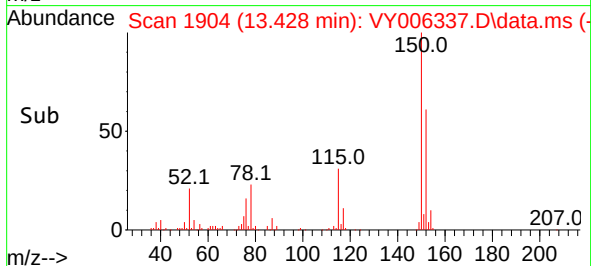
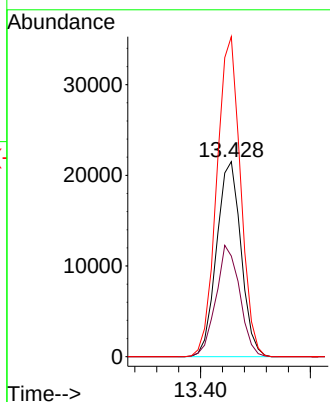
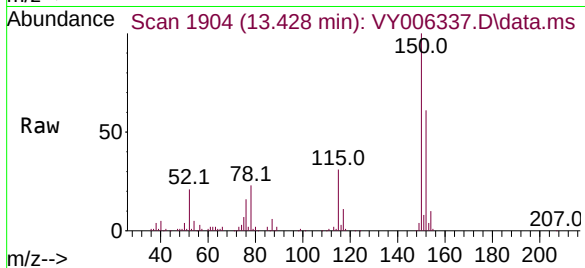




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006337.D
Acq: 07 Oct 2021 17:26

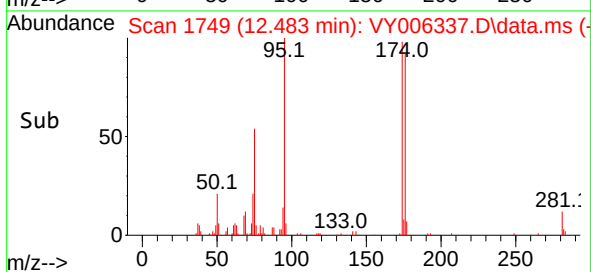
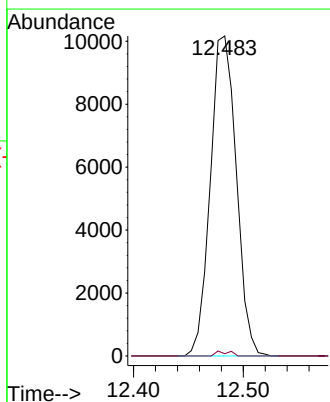
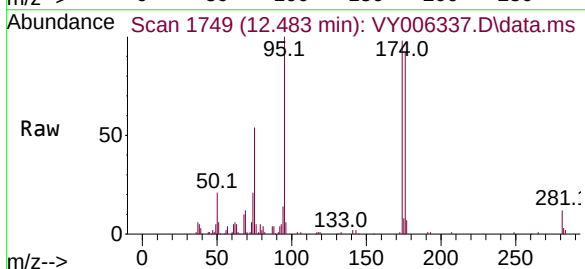
Instrument :
MSVOA_Y
ClientSampled :
SB-2(4.5-5.0)

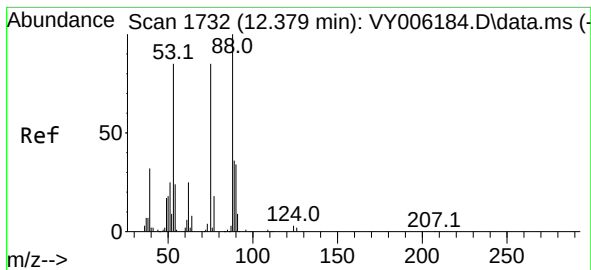
Tgt Ion:152 Resp: 33231
Ion Ratio Lower Upper
152 100
115 55.7 28.2 84.7
150 159.7 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 51.918 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006337.D
Acq: 07 Oct 2021 17:26

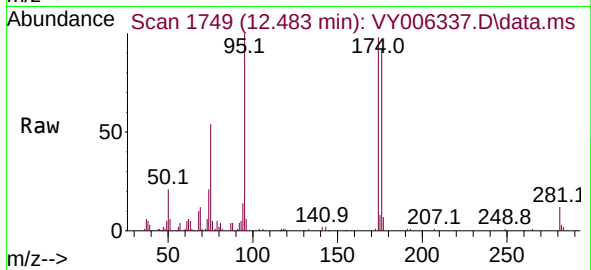
Tgt Ion: 75 Resp: 16769
Ion Ratio Lower Upper
75 100
77 0.8 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 102.027 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY006337.D
 Acq: 07 Oct 2021 17:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2(4.5-5.0)



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

