

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY093021\
 Data File : VY006243.D
 Acq On : 30 Sep 2021 16:28
 Operator : SY/MD
 Sample : M3988-01RE
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 01 06:28:02 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)

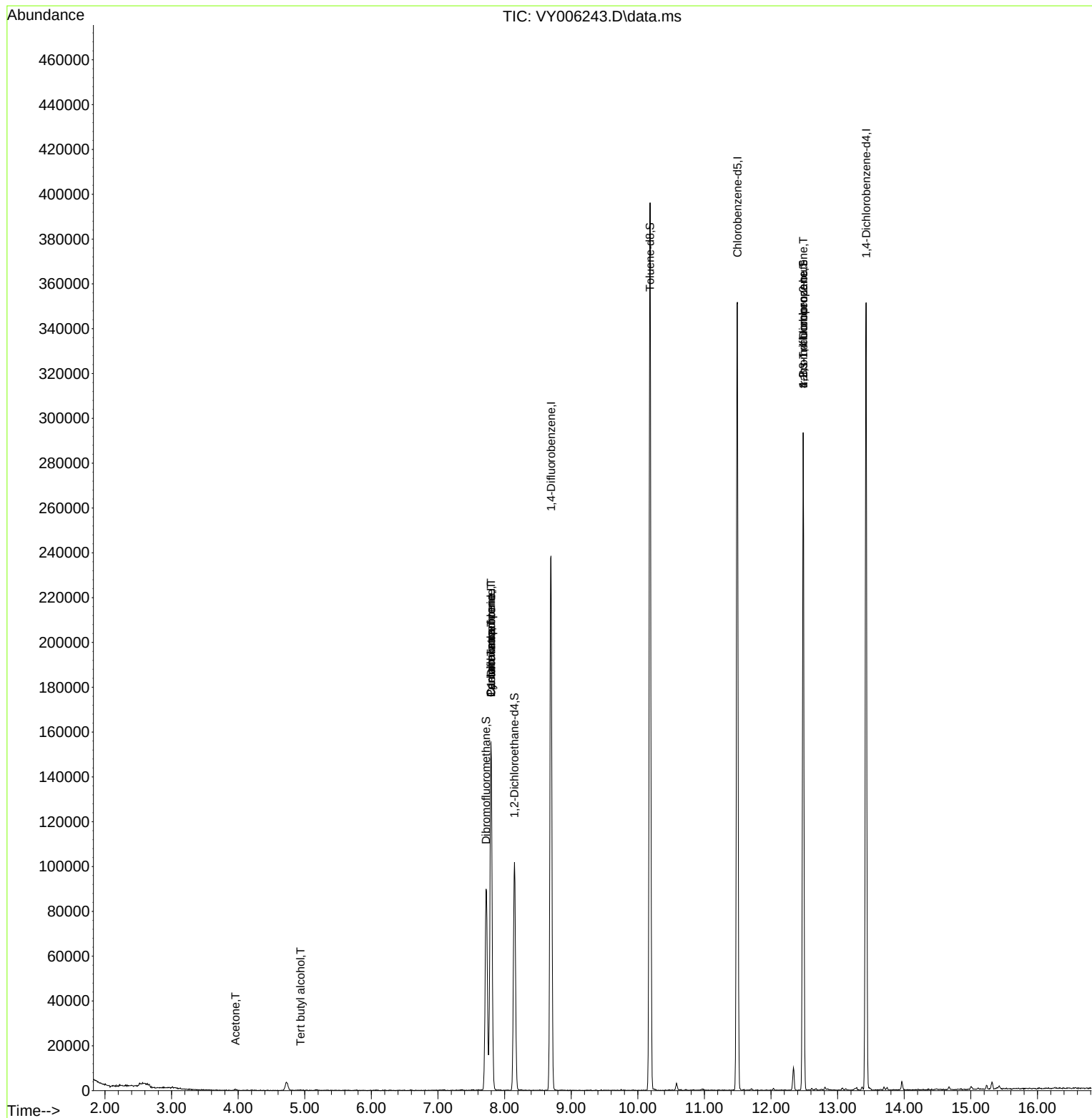
Internal Standards						
1) Pentafluorobenzene	7.795	168	123452	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	201137	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	189289	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	88464	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	84625	64.047	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 128.100%			
35) Dibromofluoromethane	7.722	113	59797	55.646	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.300%			
50) Toluene-d8	10.185	98	250640	55.730	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 111.460%			
62) 4-Bromofluorobenzene	12.483	95	79636	52.124	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.240%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	204	1.765	ug/l #	77
16) Acetone	3.960	43	711	1.927	ug/l	96
20) Methylene Chloride	4.722	84	2669	Below Cal		94
31) Cyclohexane	7.795	56	2641	1.055	ug/l #	29
36) 1,1-Dichloropropene	7.795	75	9441	4.718	ug/l #	51
38) Carbon Tetrachloride	7.795	117	11894	5.629	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	45226	52.599	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	45226	103.365	ug/l #	7

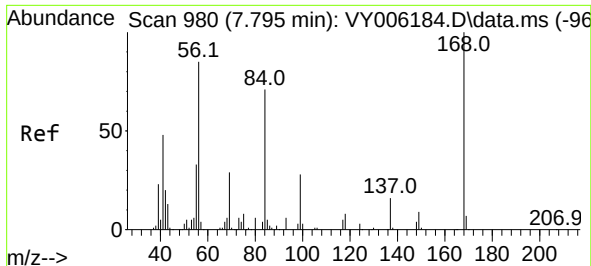
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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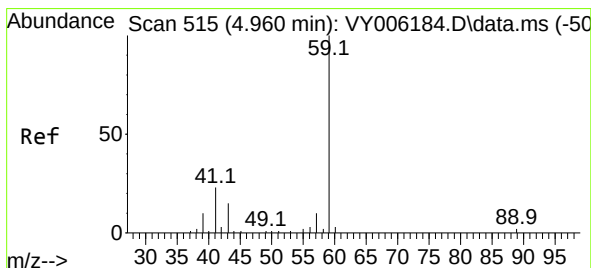
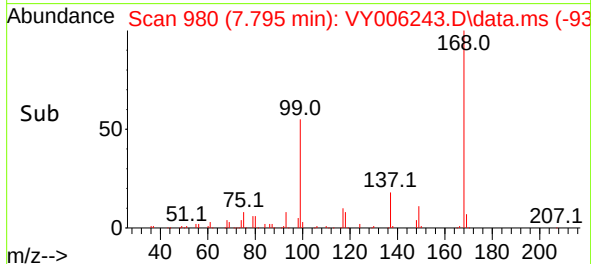
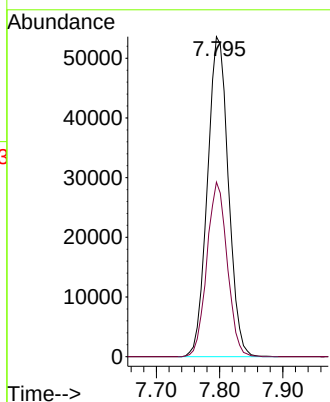
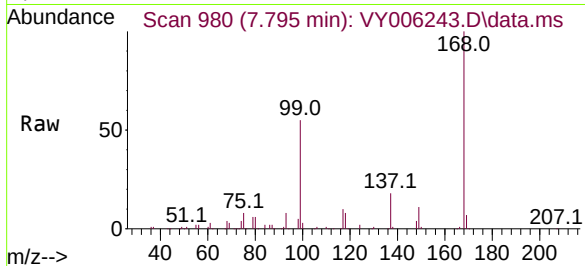




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006243.D
Acq: 30 Sep 2021 16:28

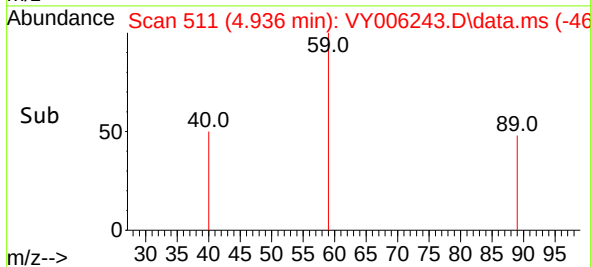
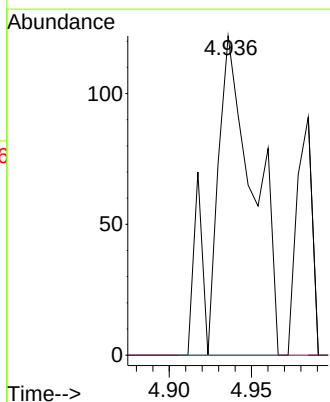
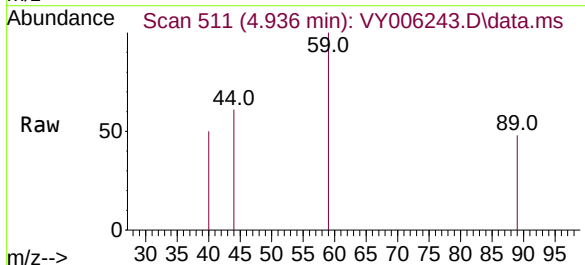
Instrument :
MSVOA_Y
ClientSampled :

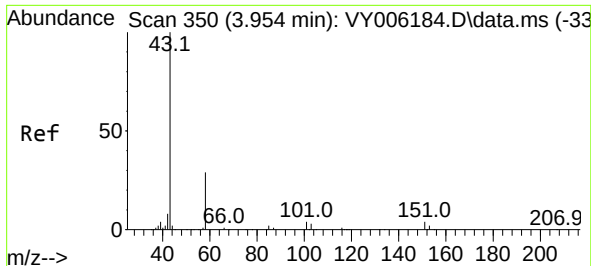
Tgt Ion:168 Resp: 123452
Ion Ratio Lower Upper
168 100
99 54.5 46.9 70.3



#11
Tert butyl alcohol
Concen: 1.765 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.024 min
Lab File: VY006243.D
Acq: 30 Sep 2021 16:28

Tgt Ion: 59 Resp: 204
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

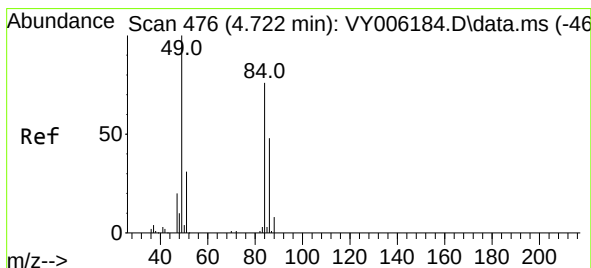
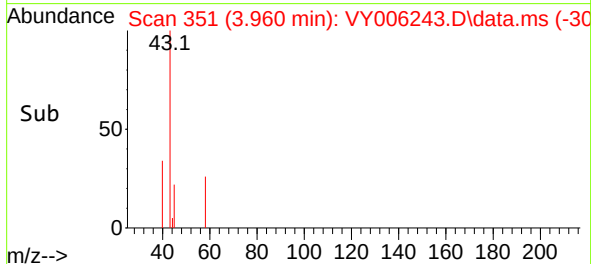
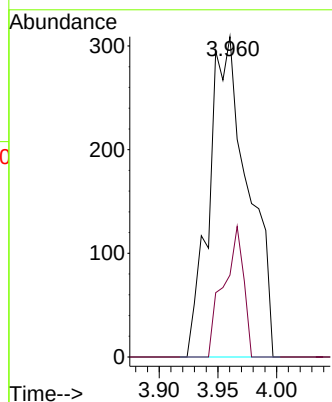
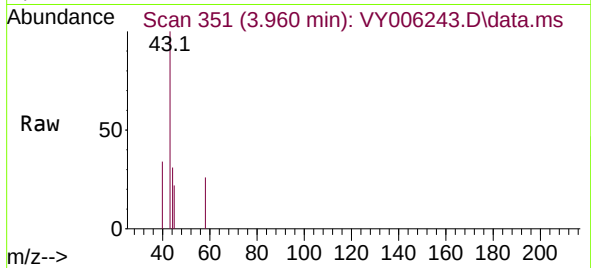




#16
Acetone
Concen: 1.927 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY006243.D
Acq: 30 Sep 2021 16:28

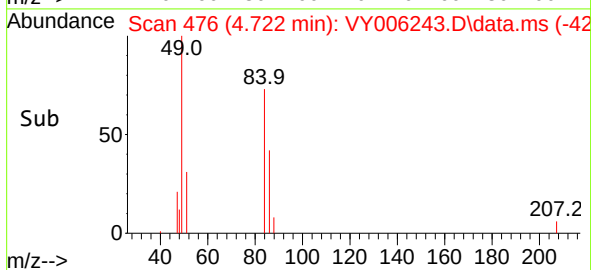
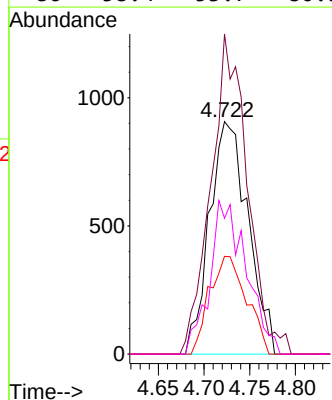
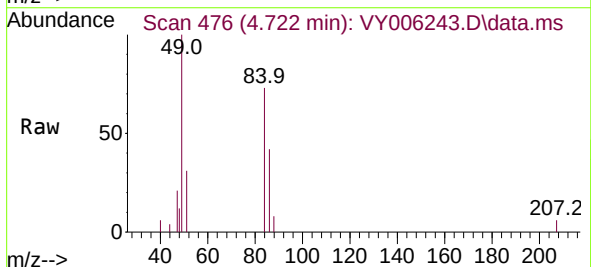
Instrument :
MSVOA_Y
ClientSampled :

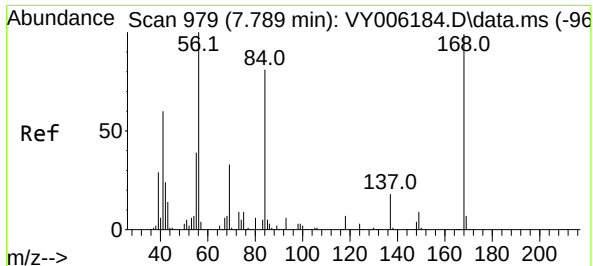
Tgt Ion: 43 Resp: 711
Ion Ratio Lower Upper
43 100
58 25.6 22.0 33.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY006243.D
Acq: 30 Sep 2021 16:28

Tgt Ion: 84 Resp: 2669
Ion Ratio Lower Upper
84 100
49 137.7 114.4 171.6
51 42.0 35.3 52.9
86 58.4 53.7 80.5

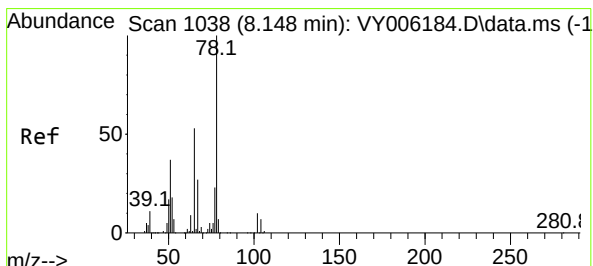
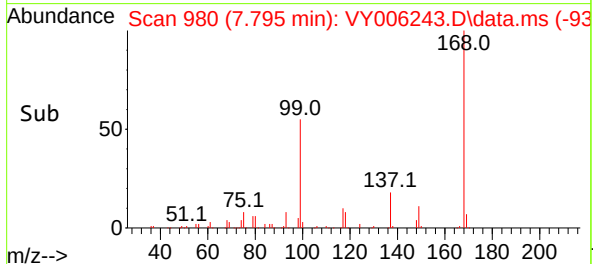
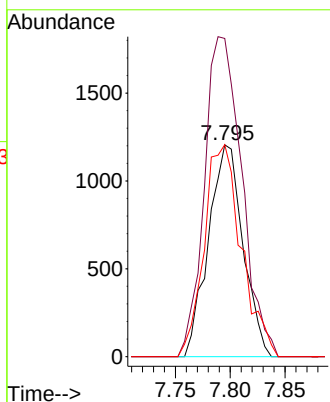
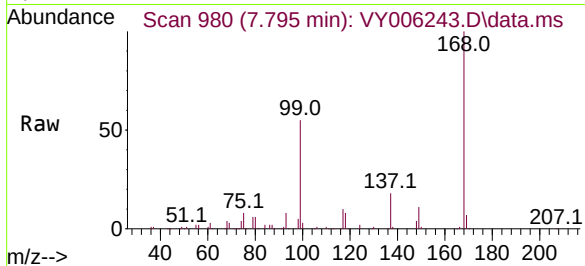




#31
Cyclohexane
Concen: 1.055 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY006243.D
Acq: 30 Sep 2021 16:28

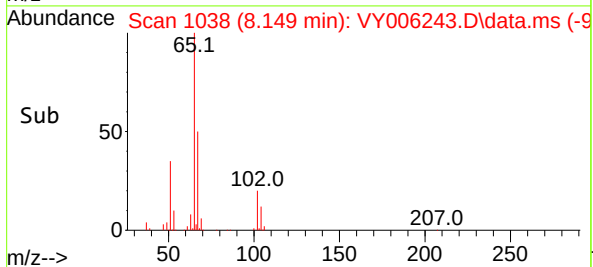
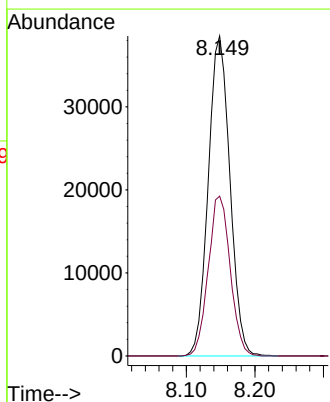
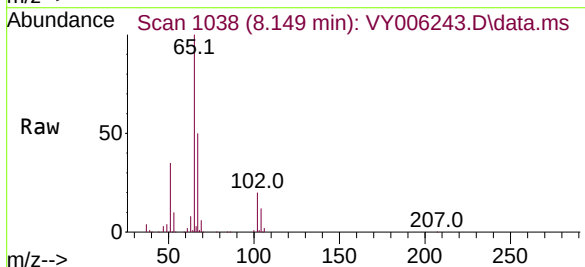
Instrument :
MSVOA_Y
ClientSampleId :

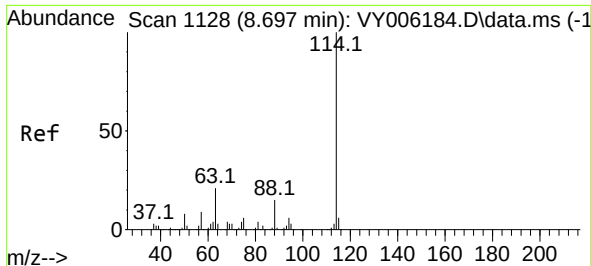
Tgt Ion: 56 Resp: 2641
Ion Ratio Lower Upper
56 100
69 150.3 26.7 40.1#
84 100.1 67.2 100.8



#33
1,2-Dichloroethane-d4
Concen: 64.047 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006243.D
Acq: 30 Sep 2021 16:28

Tgt Ion: 65 Resp: 84625
Ion Ratio Lower Upper
65 100
67 50.6 0.0 99.4

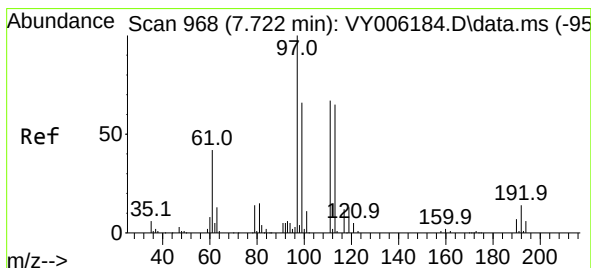
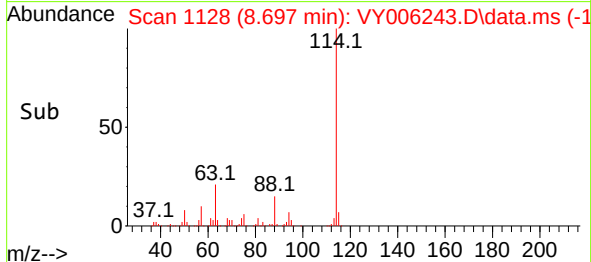
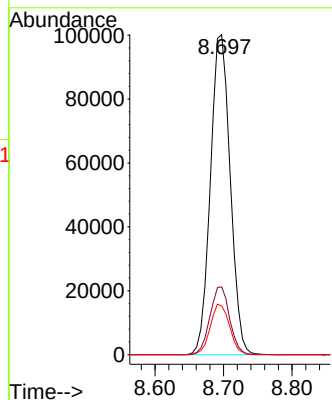
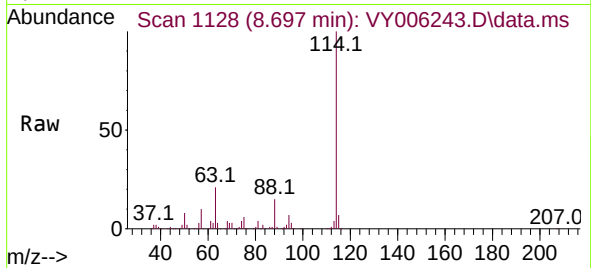




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006243.D
Acq: 30 Sep 2021 16:28

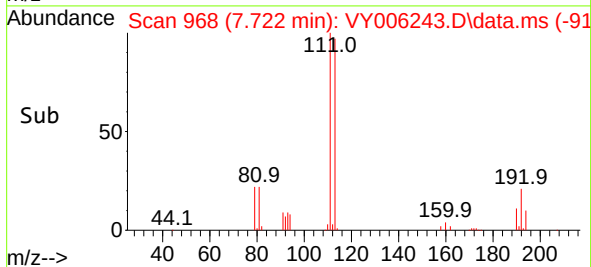
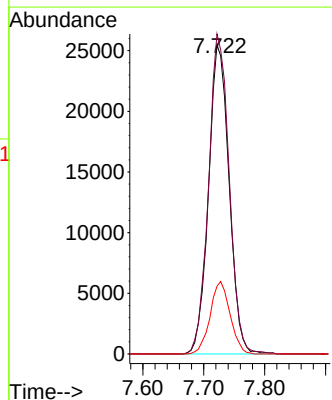
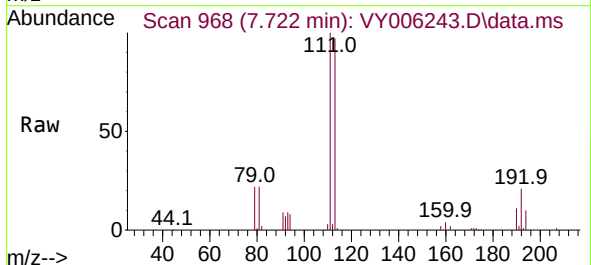
Instrument :
MSVOA_Y
ClientSampleId :

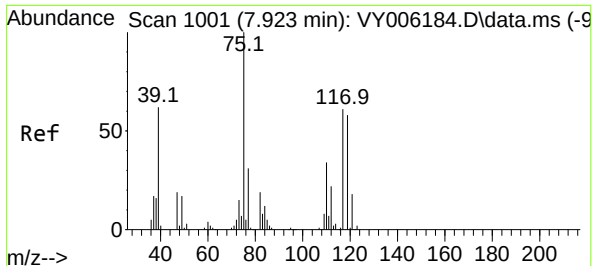
Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	43.2
88	15.2	0.0	31.8



#35
Dibromofluoromethane
Concen: 55.646 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY006243.D
Acq: 30 Sep 2021 16:28

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.6	124.0
192	22.8	17.6	26.4





#36

1,1-Dichloropropene

Concen: 4.718 ug/l

RT: 7.795 min Scan# 980

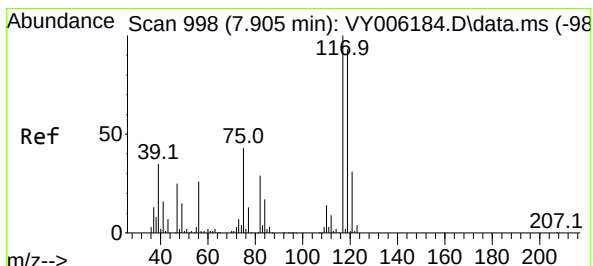
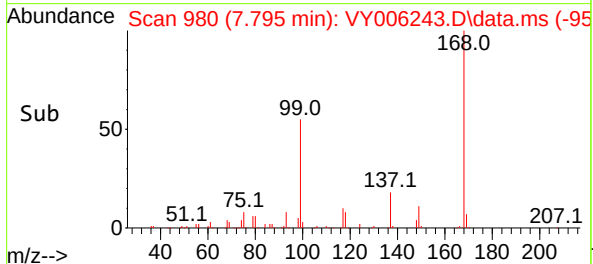
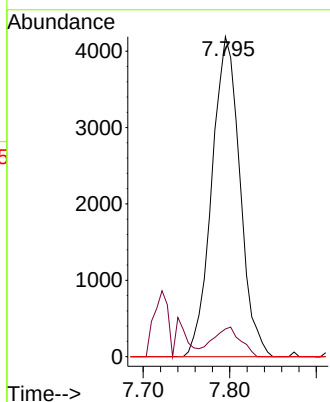
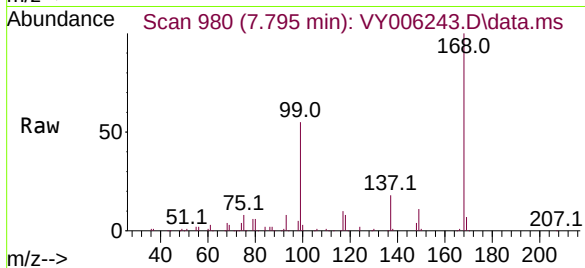
Delta R.T. -0.128 min

Lab File: VY006243.D

Acq: 30 Sep 2021 16:28

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75	Resp: 9441
Ion Ratio	Lower Upper
75 100	
110 9.0	17.1 51.2#
77 0.0	24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.629 ug/l

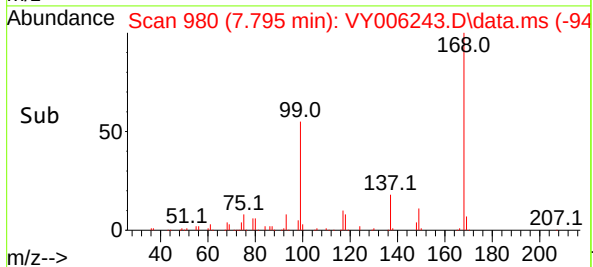
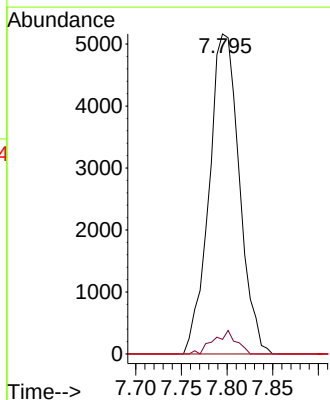
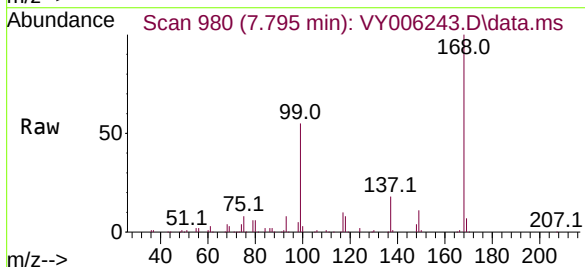
RT: 7.795 min Scan# 980

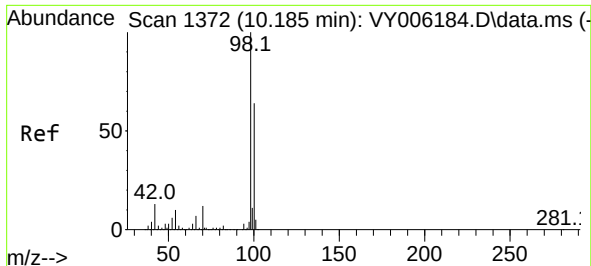
Delta R.T. -0.110 min

Lab File: VY006243.D

Acq: 30 Sep 2021 16:28

Tgt Ion: 117	Resp: 11894
Ion Ratio	Lower Upper
117 100	
119 4.6	77.9 116.9#
121 0.0	24.8 37.2#

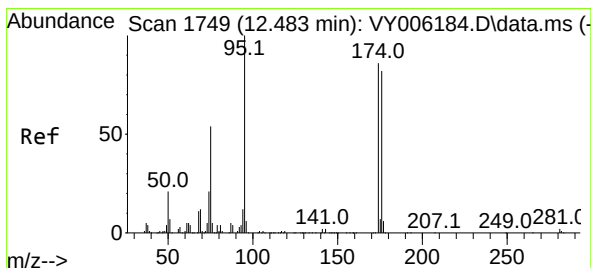
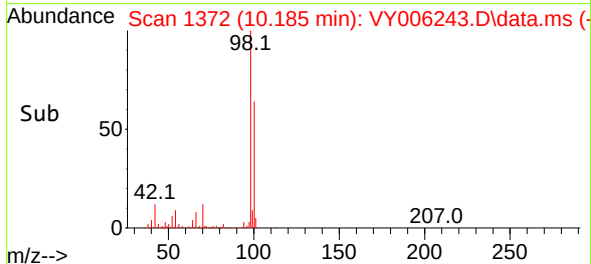
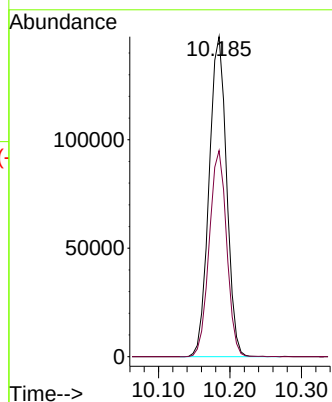
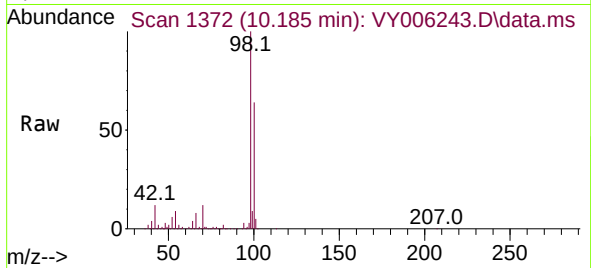




#50
Toluene-d8
Concen: 55.730 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006243.D
Acq: 30 Sep 2021 16:28

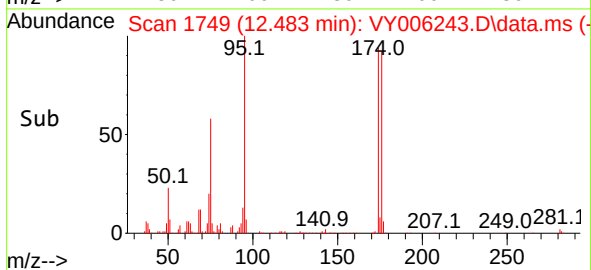
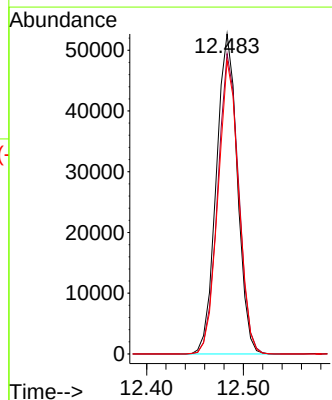
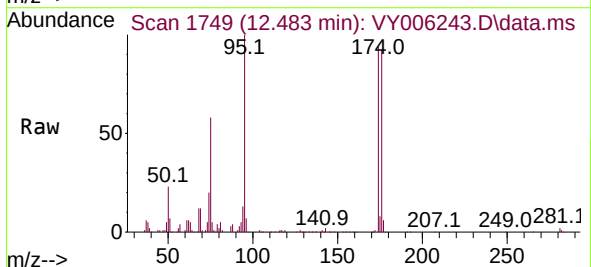
Instrument :
MSVOA_Y
ClientSampled :

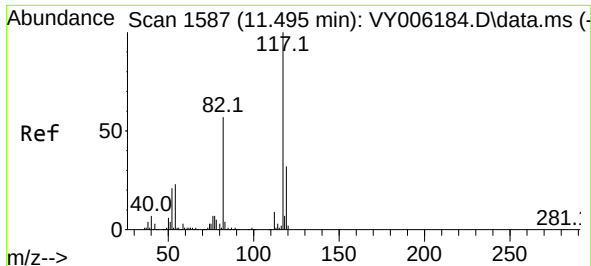
Tgt Ion: 98 Resp: 250640
Ion Ratio Lower Upper
98 100
100 64.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 52.124 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006243.D
Acq: 30 Sep 2021 16:28

Tgt Ion: 95 Resp: 79636
Ion Ratio Lower Upper
95 100
174 93.1 0.0 177.0
176 89.9 0.0 175.8

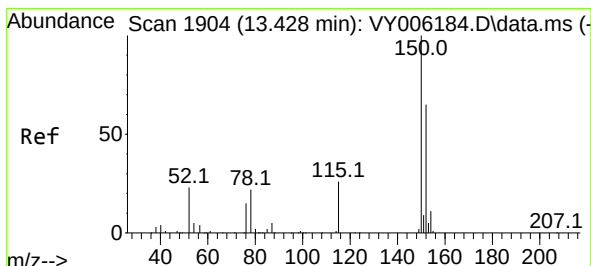
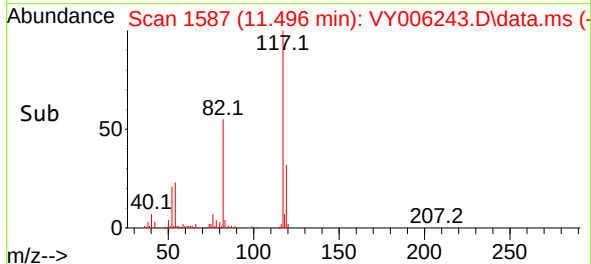
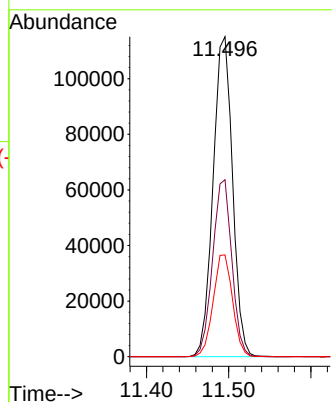
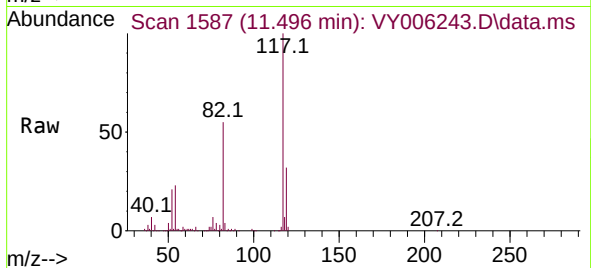




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY006243.D
Acq: 30 Sep 2021 16:28

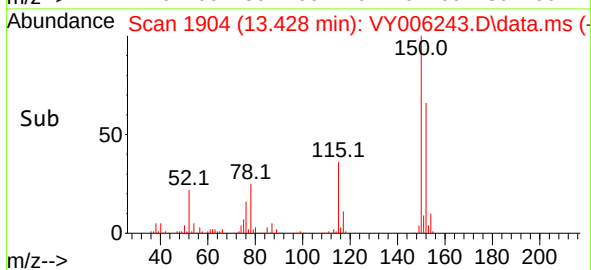
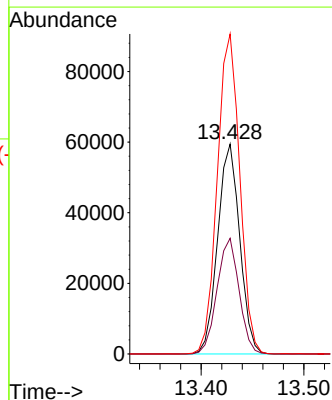
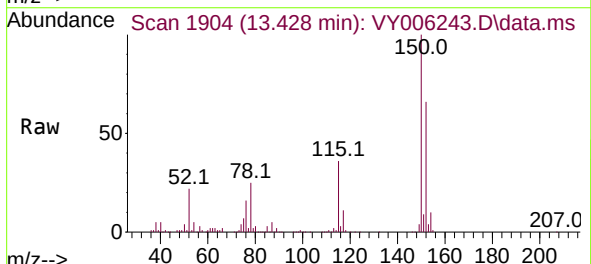
Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion:117 Resp: 189289
Ion Ratio Lower Upper
117 100
82 55.3 43.0 64.4
119 31.8 25.4 38.0

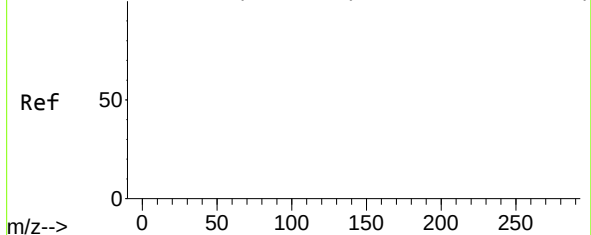


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006243.D
Acq: 30 Sep 2021 16:28

Tgt Ion:152 Resp: 88464
Ion Ratio Lower Upper
152 100
115 55.0 28.2 84.7
150 155.2 0.0 347.6



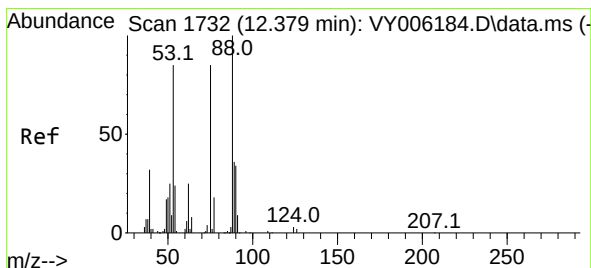
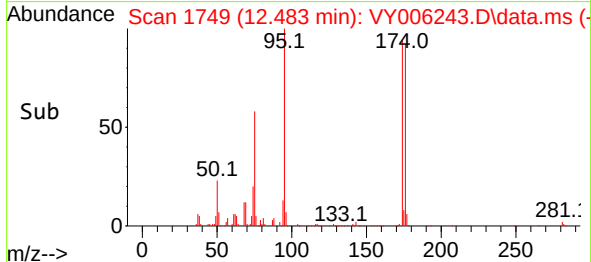
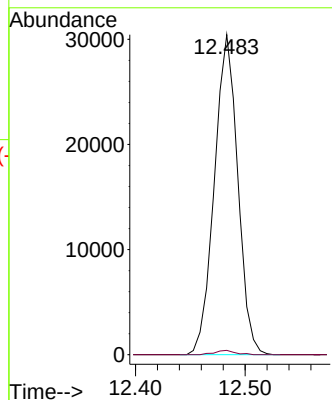
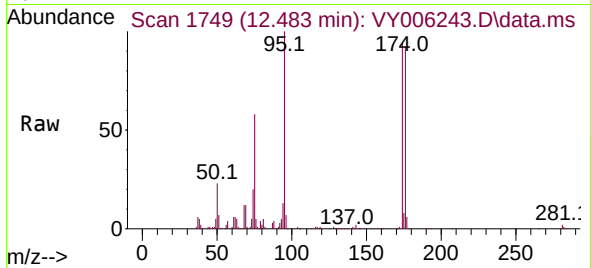
Abundance Scan 1774 (12.635 min): VY006184.D\data.ms (-



#76
1,2,3-Trichloropropane
Concen: 52.599 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006243.D
Acq: 30 Sep 2021 16:28

Tgt Ion: 75 Resp: 45226
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#

Instrument :
MSVOA_Y
ClientSampled :



#81
trans-1,4-Dichloro-2-butene
Concen: 103.365 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006243.D
Acq: 30 Sep 2021 16:28

Tgt Ion: 75 Resp: 45226
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

