

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092421\
 Data File : VY006132.D
 Acq On : 24 Sep 2021 12:49
 Operator : SY/MD
 Sample : M3916-01
 Misc : 5.07G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CONC-1

Quant Time: Sep 25 05:43:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 15 05:01:47 2021
 Response via : Initial Calibration

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

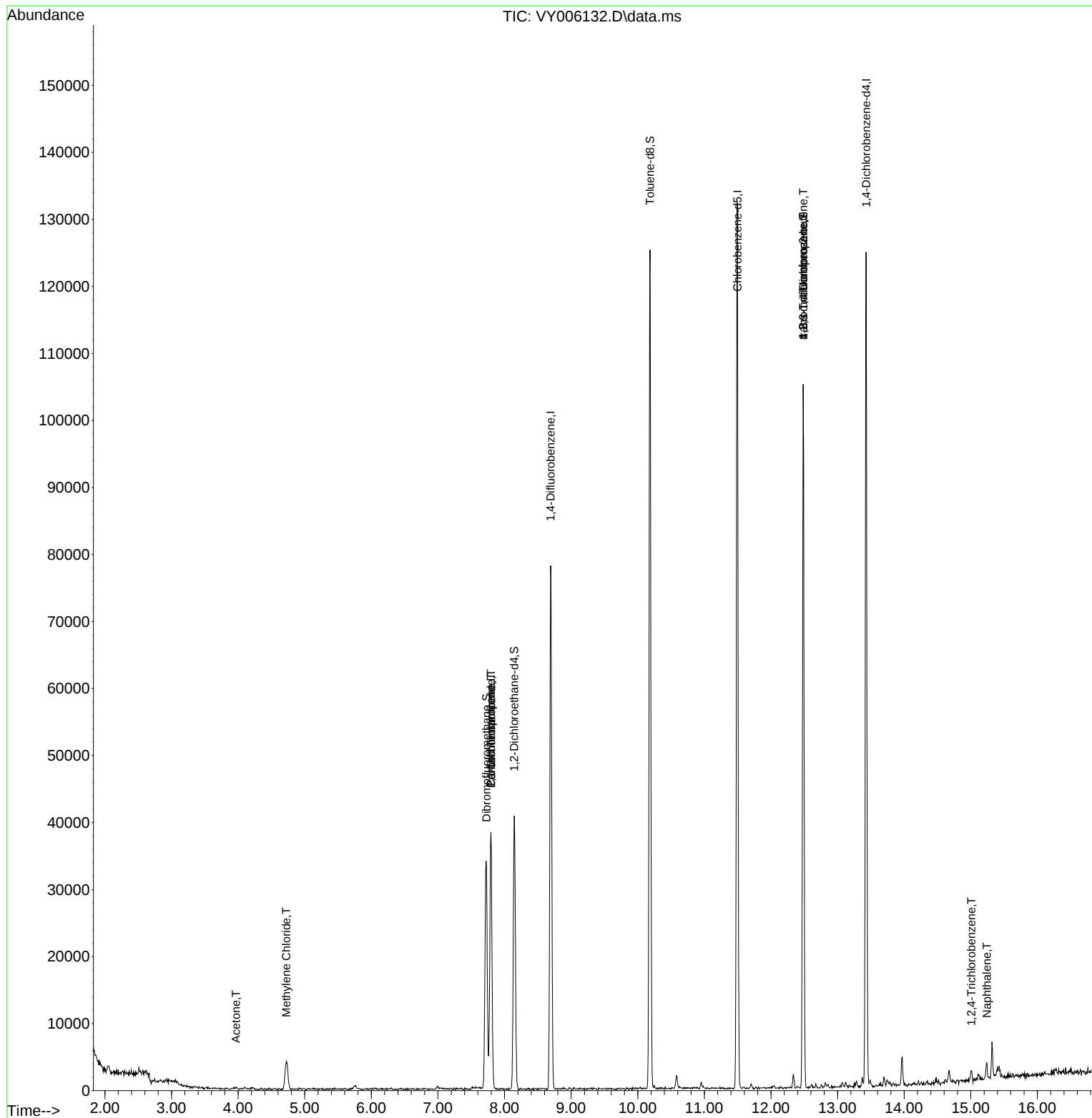
Internal Standards						
1) Pentafluorobenzene	7.795	168	29952	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	63101	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	69875	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	31669	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	33436	80.365	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 160.740%			
35) Dibromofluoromethane	7.728	113	23621	60.268	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 120.540%			
50) Toluene-d8	10.185	98	82857	49.602	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.200%			
62) 4-Bromofluorobenzene	12.483	95	29612	52.213	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.420%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	22	Below Cal	#	77
16) Acetone	3.967	43	426	3.733	ug/l #	29
20) Methylene Chloride	4.723	84	3202	4.790	ug/l	97
36) 1,1-Dichloropropene	7.795	75	2313	3.396	ug/l #	51
38) Carbon Tetrachloride	7.795	117	2975	4.012	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	16075	47.608	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	16075	87.528	ug/l #	7
93) 1,2,4-Trichlorobenzene	15.007	180	688	1.081	ug/l	94
95) Naphthalene	15.239	128	2029	1.604	ug/l	98

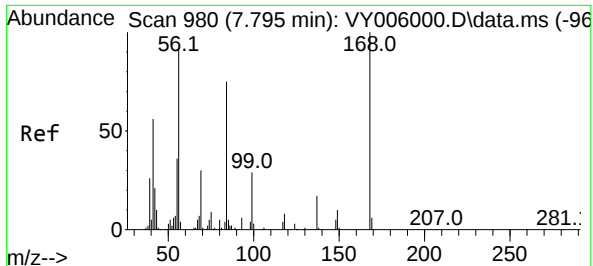
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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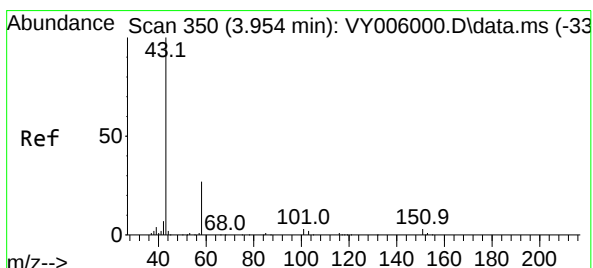
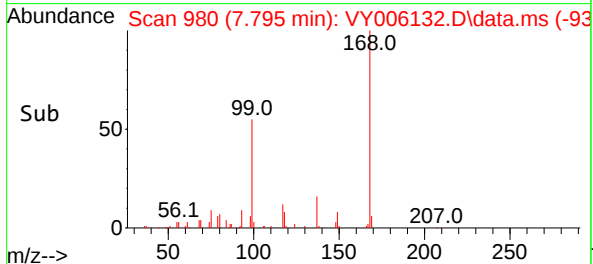
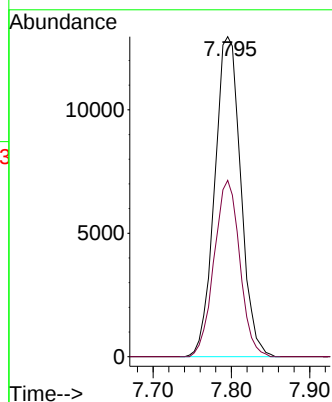
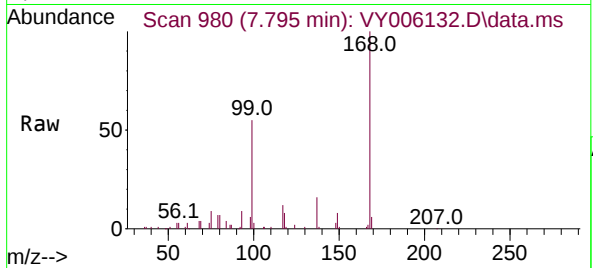




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006132.D
Acq: 24 Sep 2021 12:49

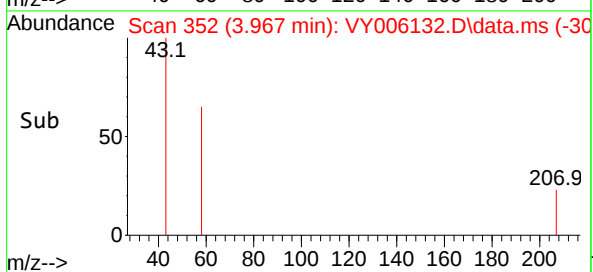
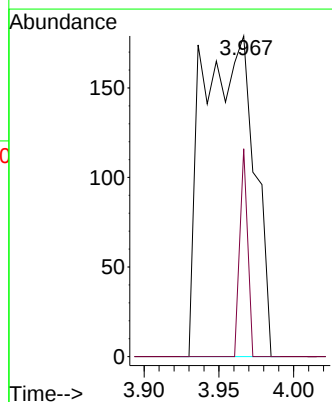
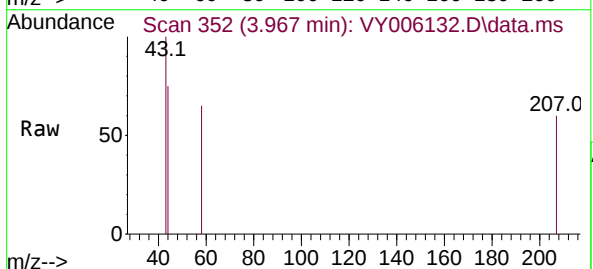
Instrument :
MSVOA_Y
ClientSampleId :
CONC-1

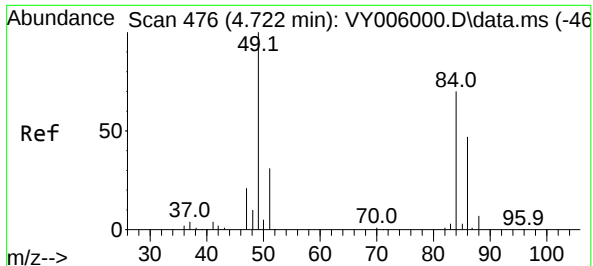
Tgt Ion:168 Resp: 29952
Ion Ratio Lower Upper
168 100
99 55.1 46.9 70.3



#16
Acetone
Concen: 3.733 ug/l
RT: 3.967 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY006132.D
Acq: 24 Sep 2021 12:49

Tgt Ion: 43 Resp: 426
Ion Ratio Lower Upper
43 100
58 64.8 22.0 33.0#



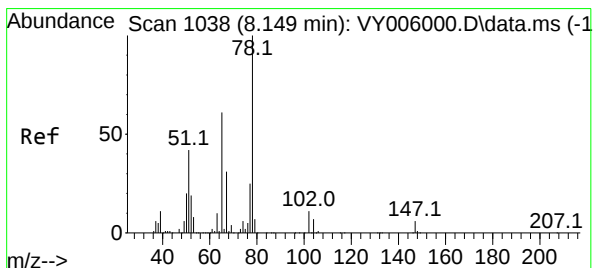
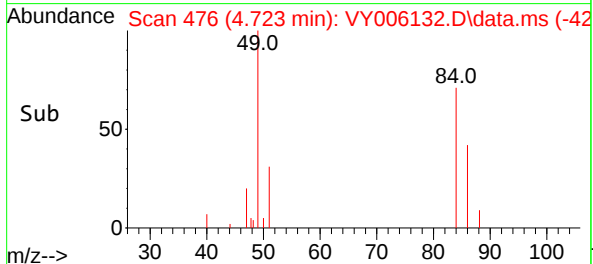
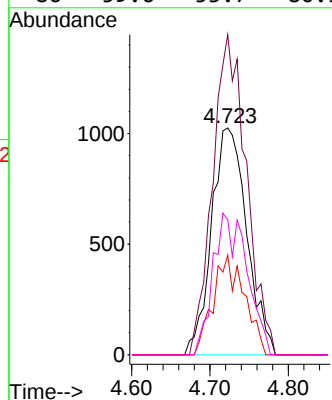
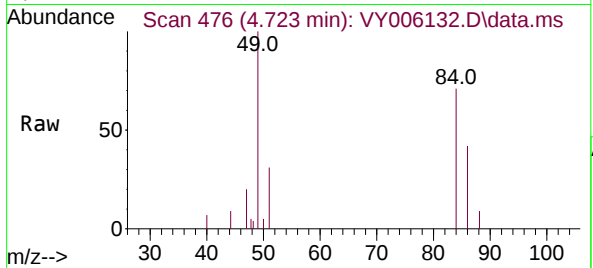


#20
Methylene Chloride
Concen: 4.790 ug/l
RT: 4.723 min Scan# 476
Delta R.T. 0.001 min
Lab File: VY006132.D
Acq: 24 Sep 2021 12:49

Instrument :
MSVOA_Y
ClientSampleId :
CONC-1

Tgt Ion: 84 Resp: 3202

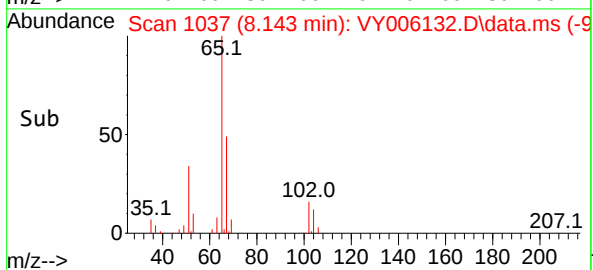
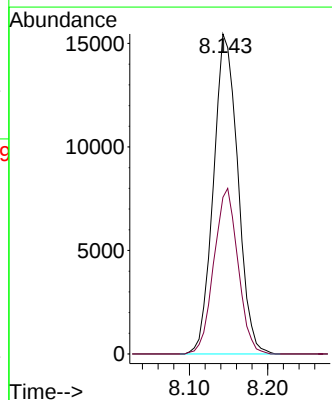
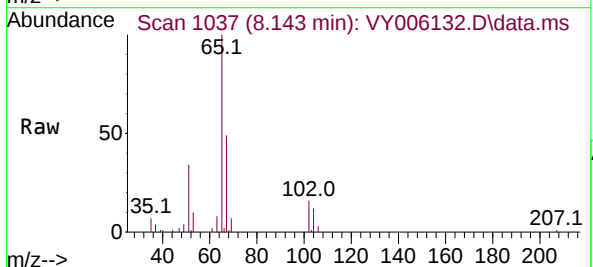
Ion	Ratio	Lower	Upper
84	100		
49	141.2	114.4	171.6
51	43.9	35.3	52.9
86	59.6	53.7	80.5

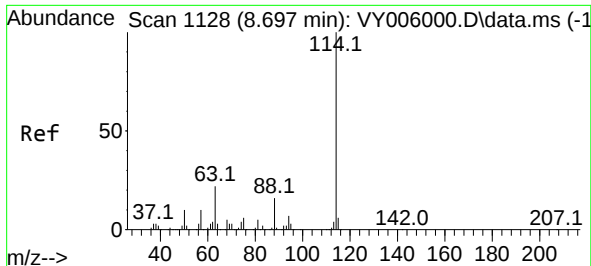


#33
1,2-Dichloroethane-d4
Concen: 80.365 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY006132.D
Acq: 24 Sep 2021 12:49

Tgt Ion: 65 Resp: 33436

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	99.4

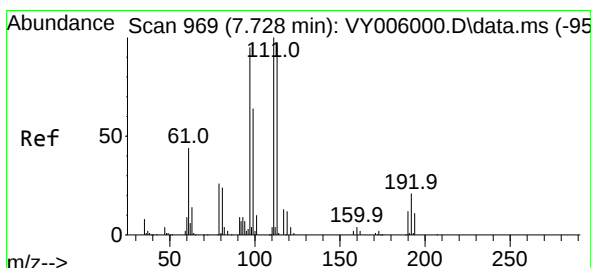
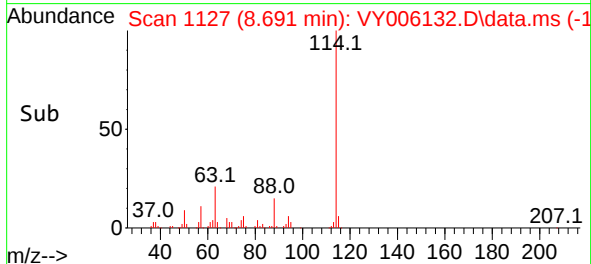
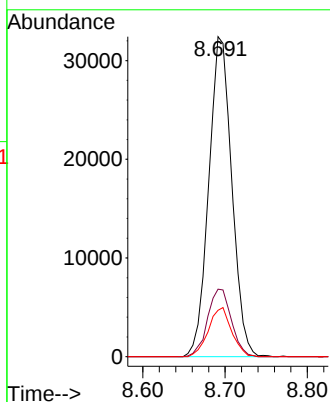
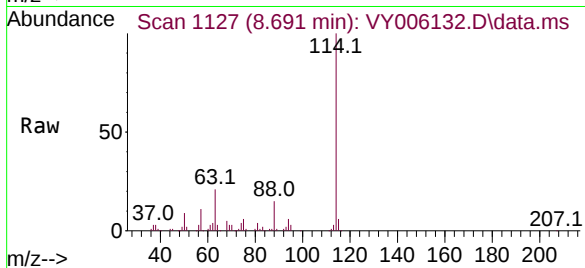




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY006132.D
Acq: 24 Sep 2021 12:49

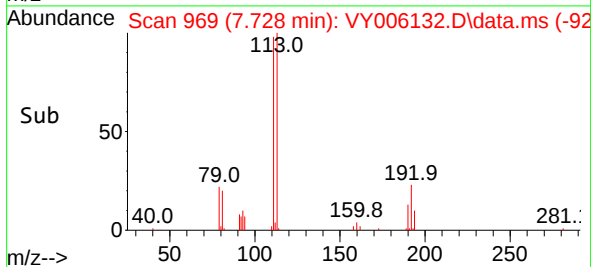
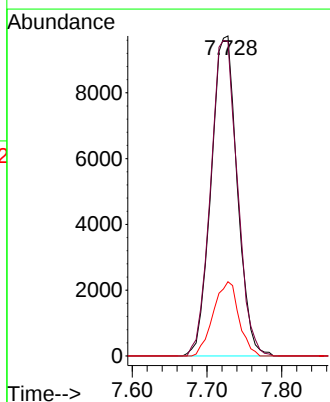
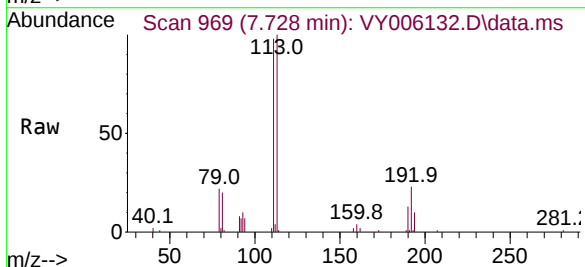
Instrument :
MSVOA_Y
ClientSampleId :
CONC-1

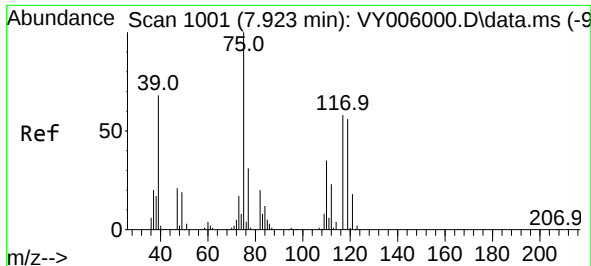
Tgt Ion:	114	Resp:	63101
Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	43.2
88	14.5	0.0	31.8



#35
Dibromofluoromethane
Concen: 60.268 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY006132.D
Acq: 24 Sep 2021 12:49

Tgt Ion:	113	Resp:	23621
Ion	Ratio	Lower	Upper
113	100		
111	101.0	82.6	124.0
192	22.7	17.6	26.4

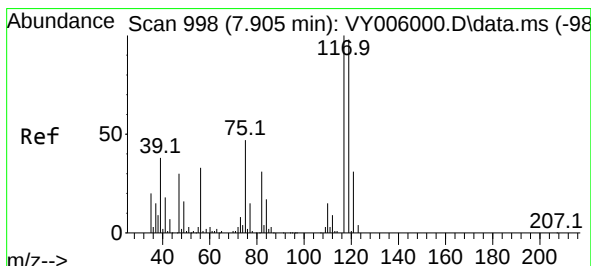
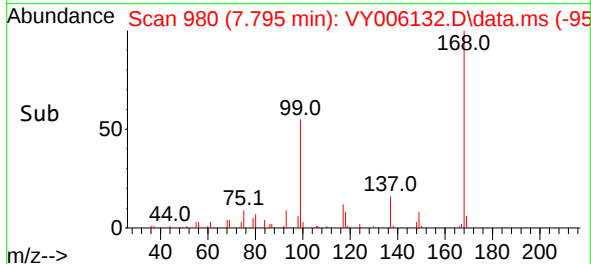
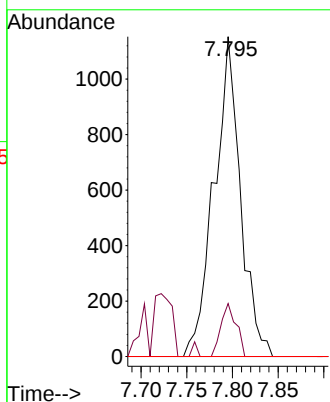
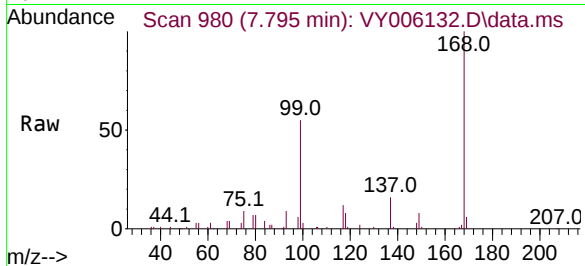




#36
1,1-Dichloropropene
Concen: 3.396 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006132.D
Acq: 24 Sep 2021 12:49

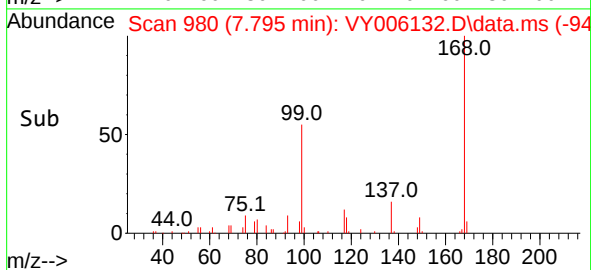
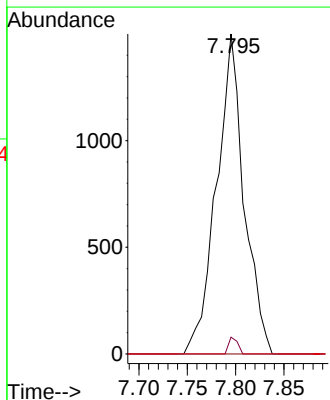
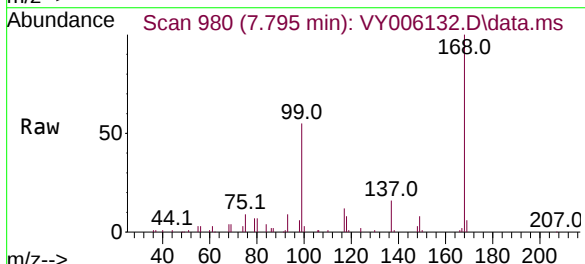
Instrument :
MSVOA_Y
ClientSampleId :
CONC-1

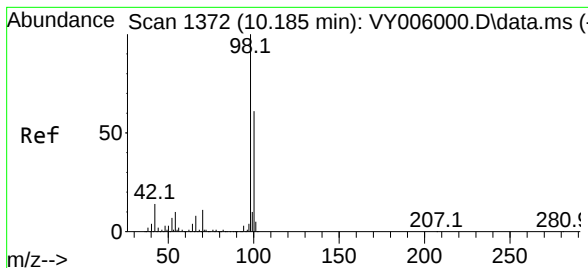
Tgt Ion: 75 Resp: 2313
Ion Ratio Lower Upper
75 100
110 9.6 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 4.012 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY006132.D
Acq: 24 Sep 2021 12:49

Tgt Ion: 117 Resp: 2975
Ion Ratio Lower Upper
117 100
119 5.3 77.9 116.9#
121 0.0 24.8 37.2#

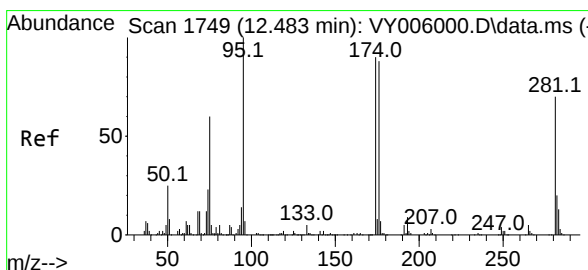
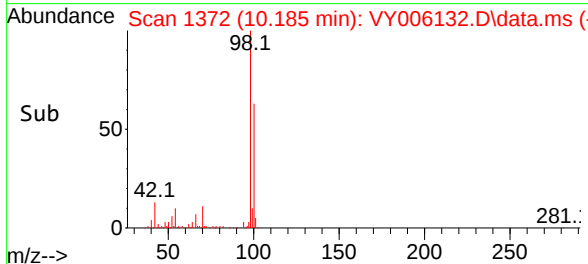
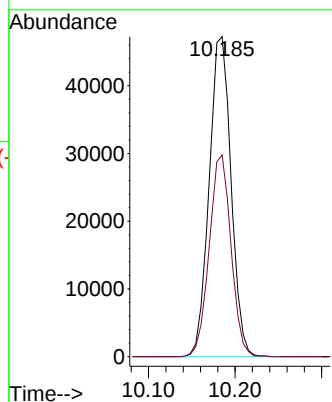
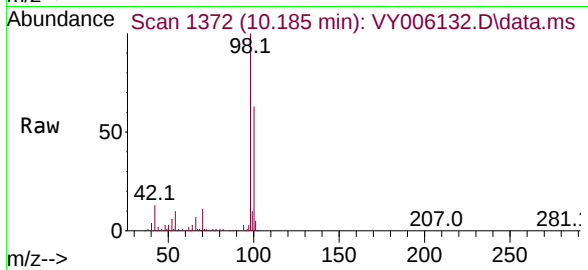




#50
Toluene-d8
Concen: 49.602 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006132.D
Acq: 24 Sep 2021 12:49

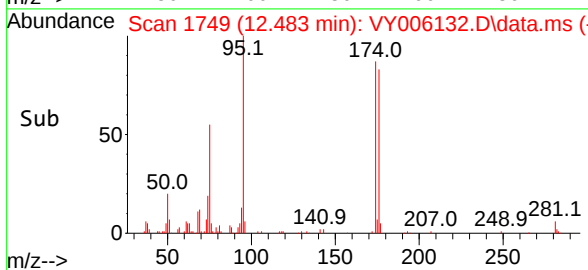
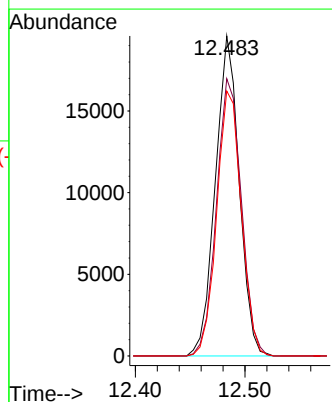
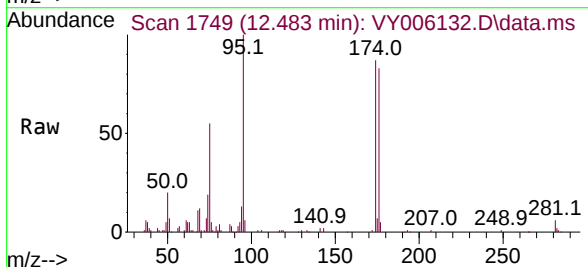
Instrument :
MSVOA_Y
ClientSampleId :
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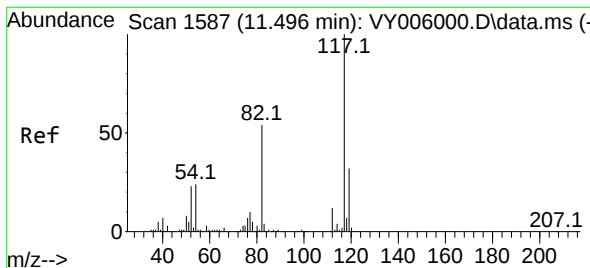
Tgt Ion: 98 Resp: 82857
Ion Ratio Lower Upper
98 100
100 62.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 52.213 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006132.D
Acq: 24 Sep 2021 12:49

Tgt Ion: 95 Resp: 29612
Ion Ratio Lower Upper
95 100
174 90.3 0.0 177.0
176 85.3 0.0 175.8

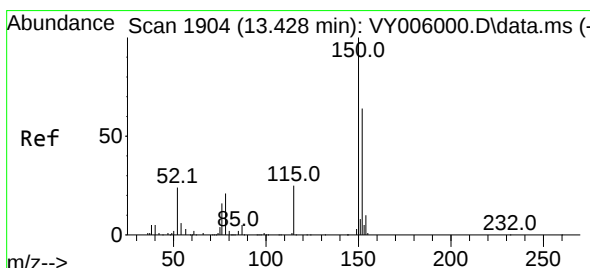
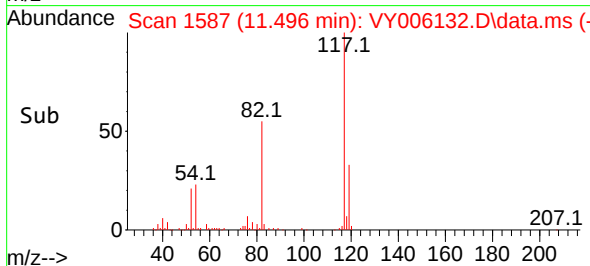
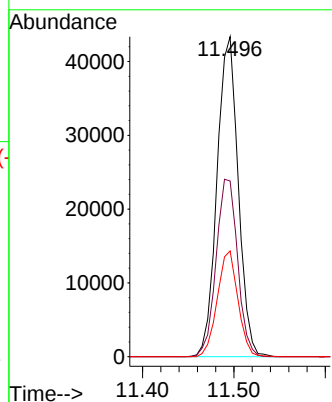
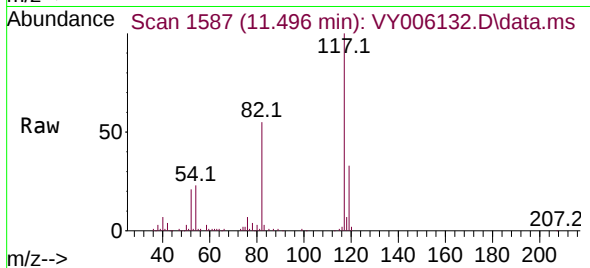




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY006132.D
Acq: 24 Sep 2021 12:49

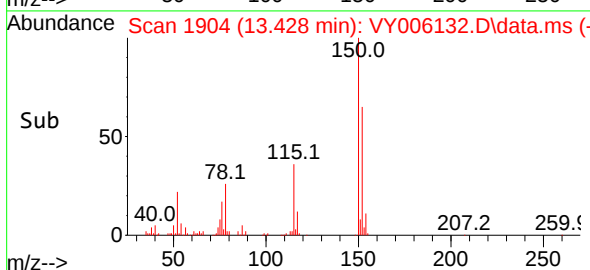
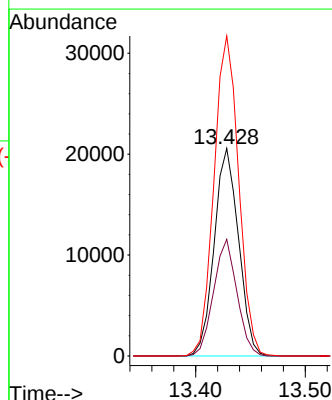
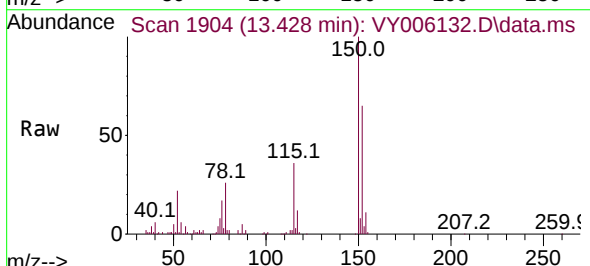
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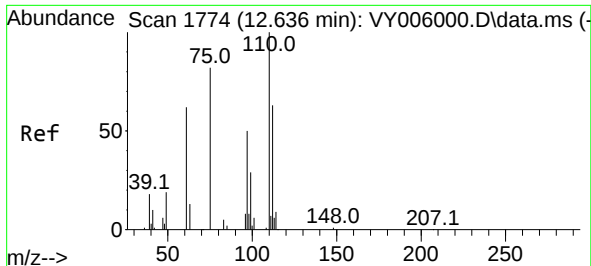
Tgt Ion:	117	Resp:	69875
Ion Ratio	Lower	Upper	
117	100		
82	54.9	43.0	64.4
119	33.0	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006132.D
Acq: 24 Sep 2021 12:49

Tgt Ion:	152	Resp:	31669
Ion Ratio	Lower	Upper	
152	100		
115	54.1	28.2	84.7
150	156.5	0.0	347.6

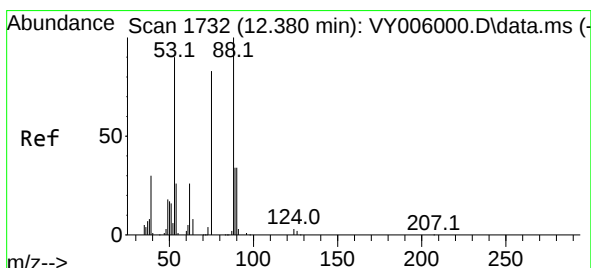
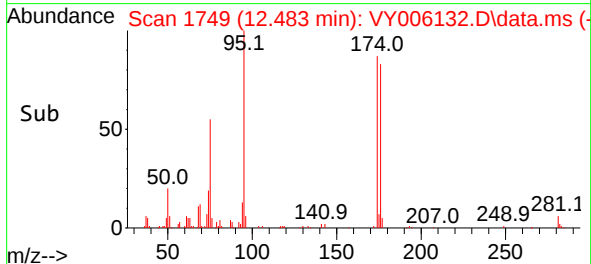
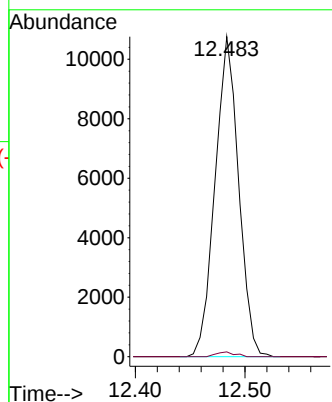
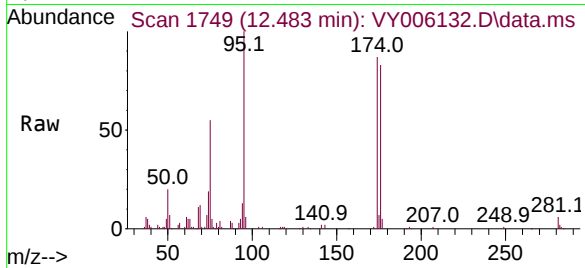




#76
1,2,3-Trichloropropane
Concen: 47.608 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006132.D
Acq: 24 Sep 2021 12:49

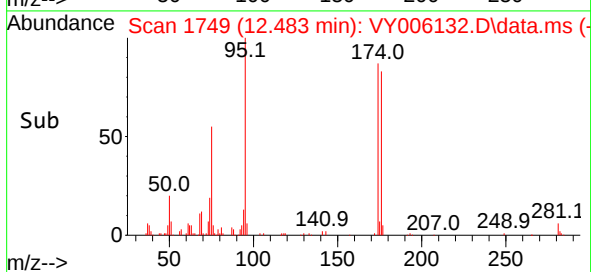
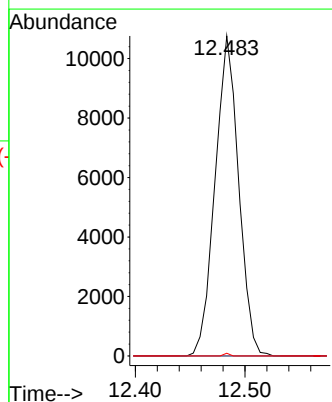
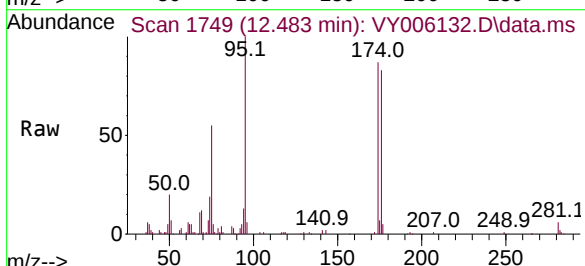
Instrument :
MSVOA_Y
ClientSampled :
CONC-1

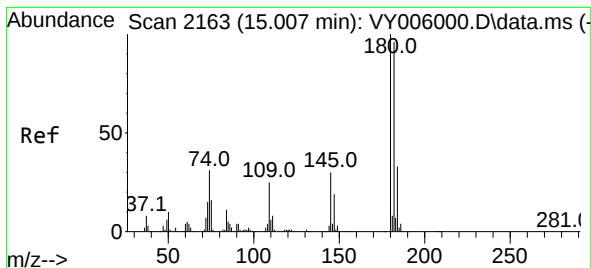
Tgt Ion: 75 Resp: 16075
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.528 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006132.D
Acq: 24 Sep 2021 12:49

Tgt Ion: 75 Resp: 16075
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.2 37.0 55.4#

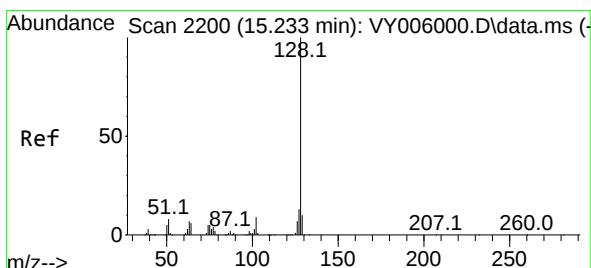
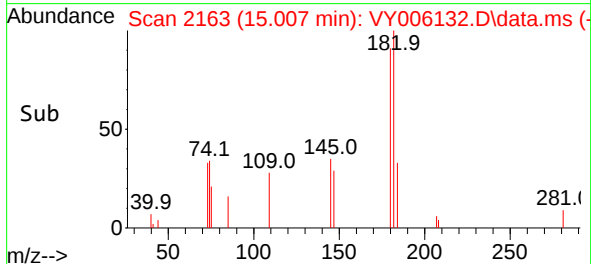
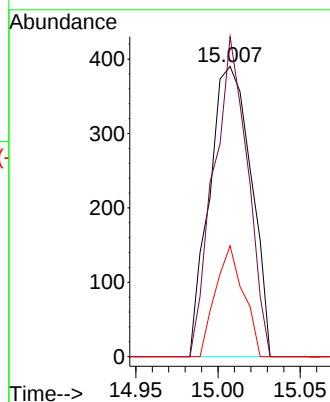
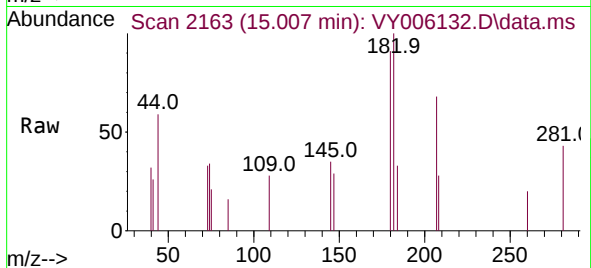




#93
1,2,4-Trichlorobenzene
Concen: 1.081 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY006132.D
Acq: 24 Sep 2021 12:49

Instrument :
MSVOA_Y
ClientSampleId :
CONC-1

Tgt Ion:	180	Resp:	688
Ion	Ratio	Lower	Upper
180	100		
182	89.5	47.3	141.9
145	25.6	14.6	43.8



#95
Naphthalene
Concen: 1.604 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY006132.D
Acq: 24 Sep 2021 12:49

Tgt Ion:	128	Resp:	2029
Ion	Ratio	Lower	Upper
128	100		
127	14.0	11.0	16.4
129	11.9	8.4	12.6

