

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092421\
 Data File : VY006135.D
 Acq On : 24 Sep 2021 13:59
 Operator : SY/MD
 Sample : M3916-10
 Misc : 5.06G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CONC-4

Quant Time: Sep 25 05:44:26 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)

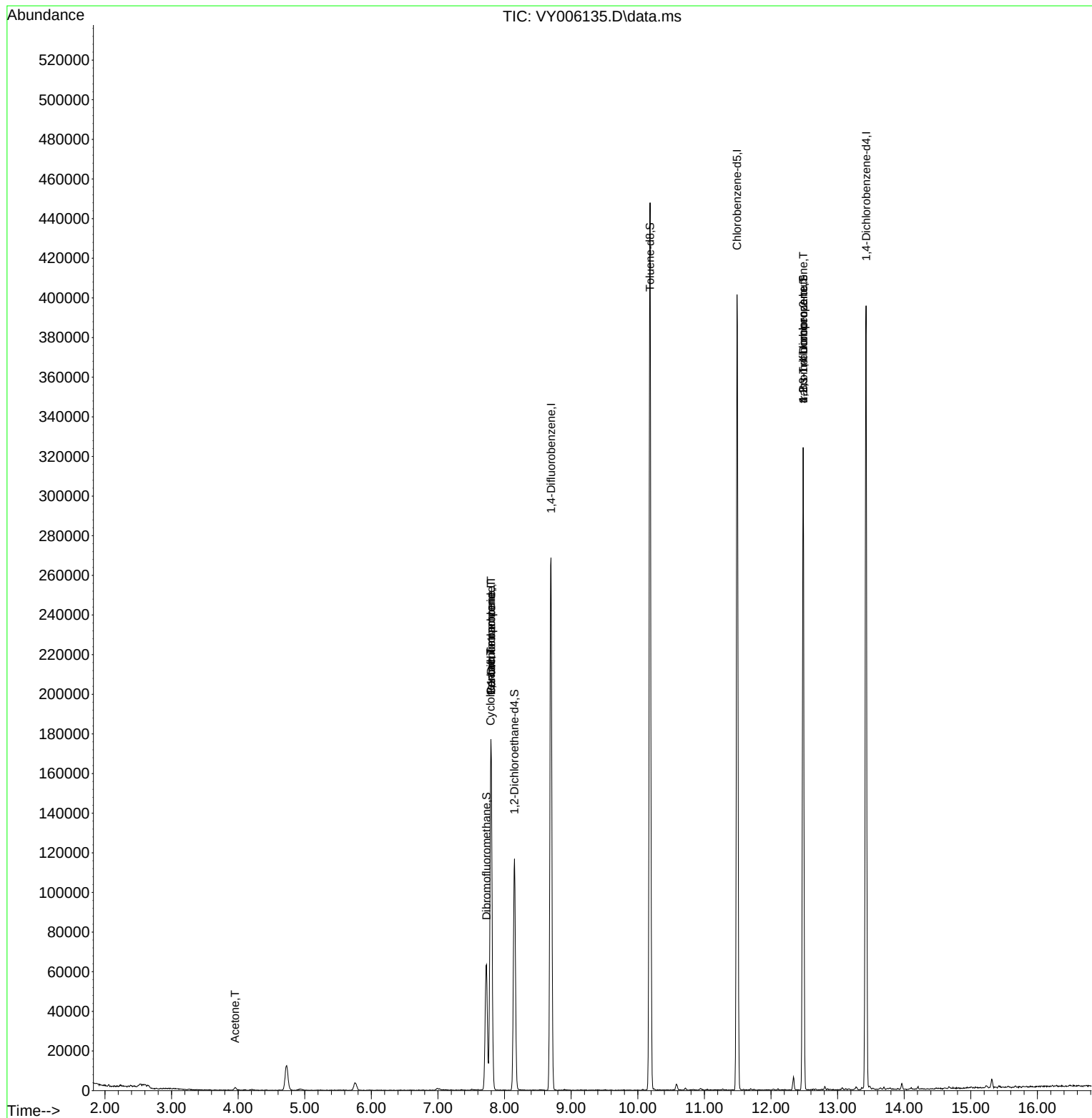
Internal Standards						
1) Pentafluorobenzene	7.795	168	138644	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	223759	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	210678	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	99010	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	94008	48.814	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.620%
35) Dibromofluoromethane	7.728	113	42751	30.760	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	61.520%
50) Toluene-d8	10.185	98	281879	47.587	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.180%
62) 4-Bromofluorobenzene	12.483	95	90842	45.170	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.340%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	739	Below Cal	#	77
16) Acetone	3.954	43	2388	4.521	ug/l	90
31) Cyclohexane	7.789	56	3162	1.025	ug/l #	19
36) 1,1-Dichloropropene	7.795	75	10716	4.437	ug/l #	51
38) Carbon Tetrachloride	7.795	117	13267	5.046	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	51216	48.517	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	51216	89.199	ug/l #	7

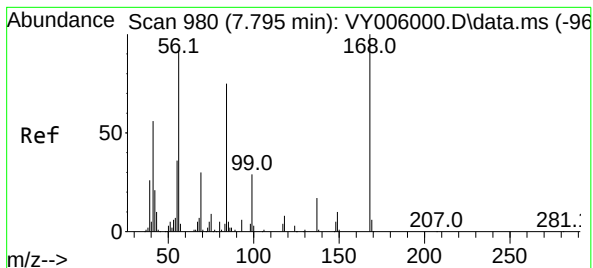
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.795 min Scan# 980

Delta R.T. 0.000 min

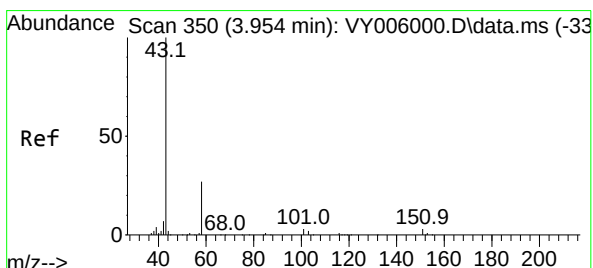
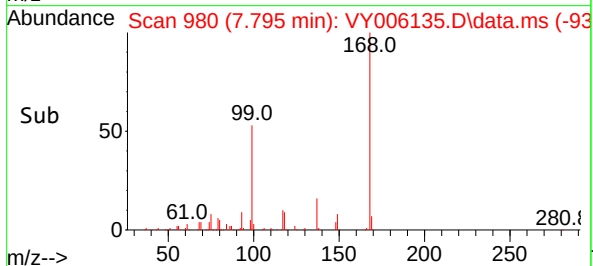
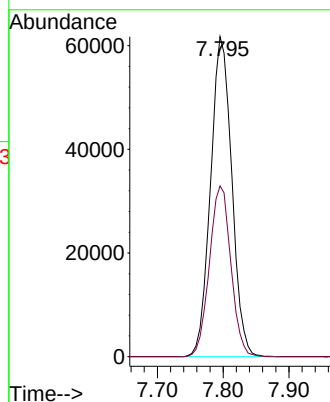
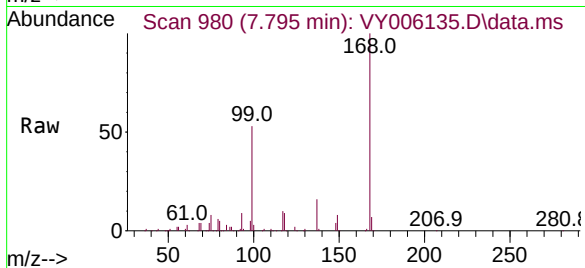
Lab File: VY006135.D

Acq: 24 Sep 2021 13:59

Tgt Ion:168 Resp: 138644

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
168	100		
99	53.3	46.9	70.3



#16

Acetone

Concen: 4.521 ug/l

RT: 3.954 min Scan# 350

Delta R.T. 0.000 min

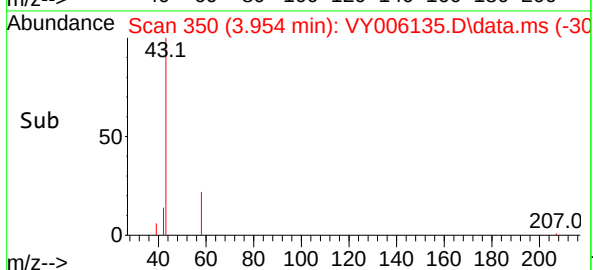
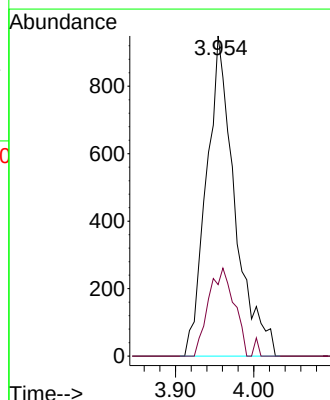
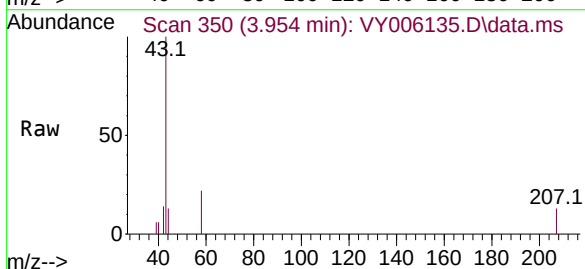
Lab File: VY006135.D

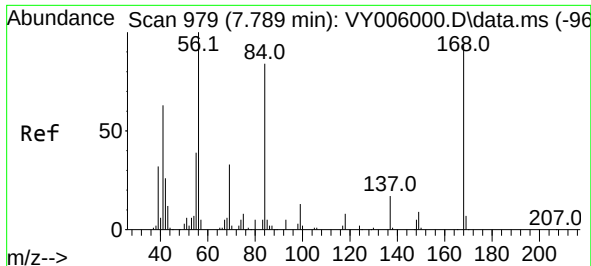
Acq: 24 Sep 2021 13:59

Tgt Ion: 43 Resp: 2388

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
43	100		
58	22.3	22.0	33.0

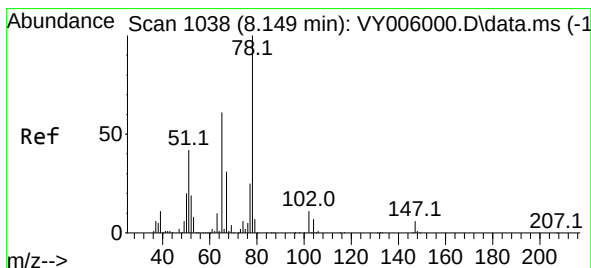
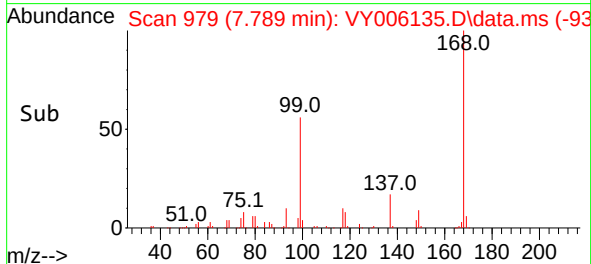
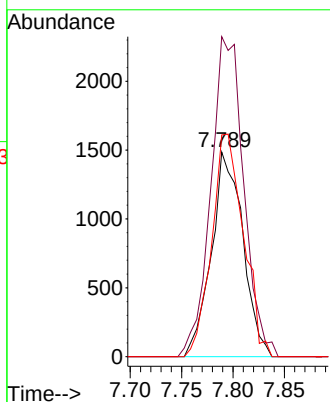
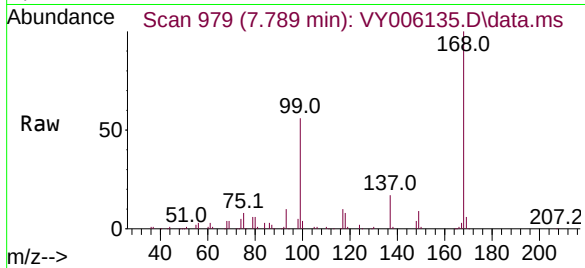




#31
Cyclohexane
Concen: 1.025 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.000 min
Lab File: VY006135.D
Acq: 24 Sep 2021 13:59

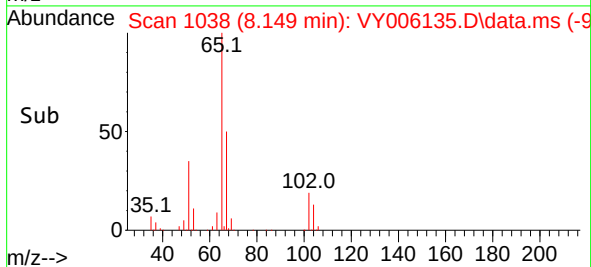
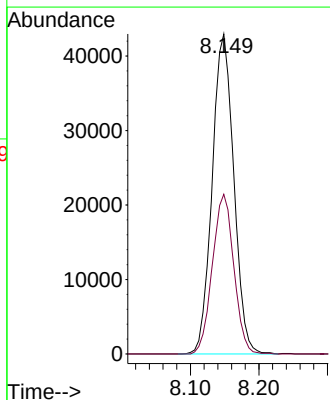
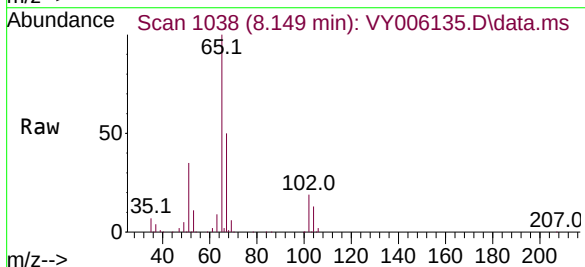
Instrument :
MSVOA_Y
ClientSampleId :
CONC-4

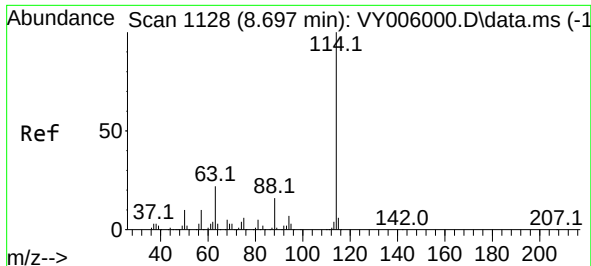
Tgt Ion: 56 Resp: 3162
Ion Ratio Lower Upper
56 100
69 156.4 26.7 40.1#
84 108.4 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 48.814 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006135.D
Acq: 24 Sep 2021 13:59

Tgt Ion: 65 Resp: 94008
Ion Ratio Lower Upper
65 100
67 49.5 0.0 99.4

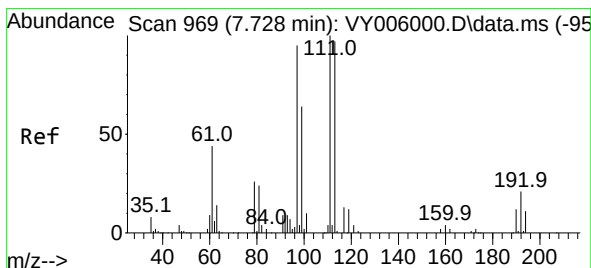
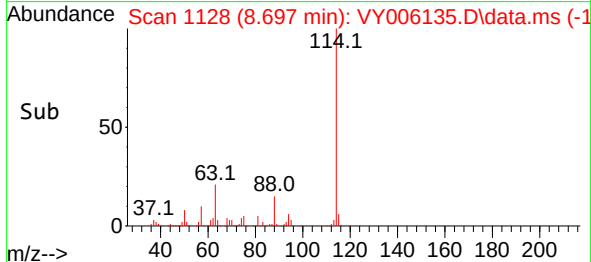
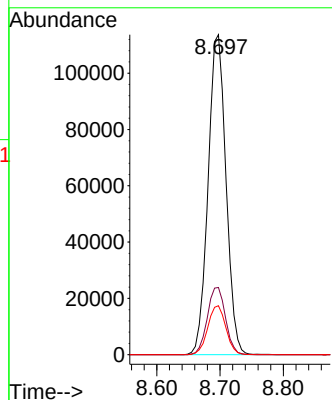
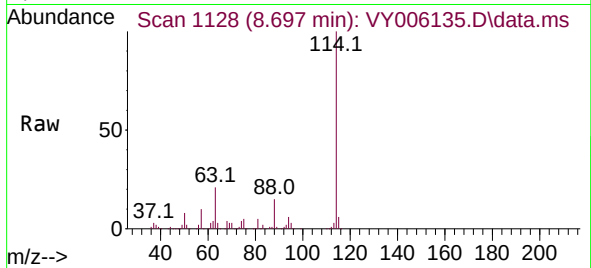




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006135.D
Acq: 24 Sep 2021 13:59

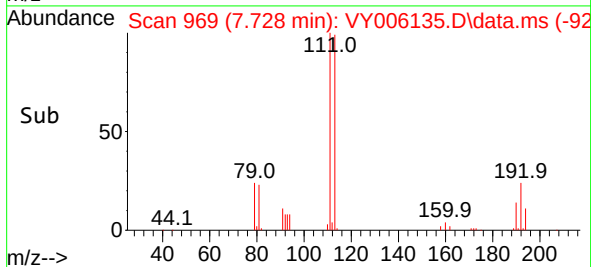
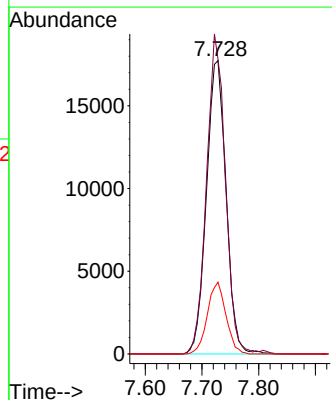
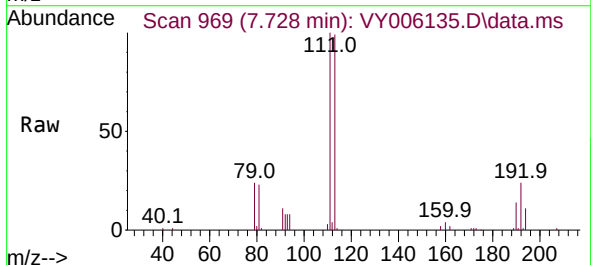
Instrument :
MSVOA_Y
ClientSampleId :
CONC-4

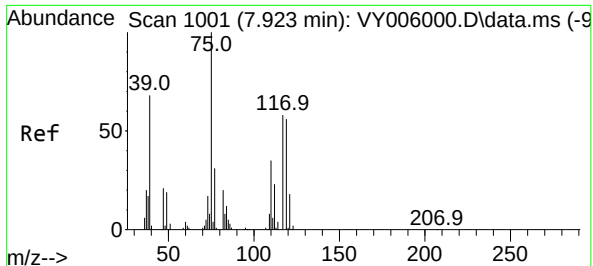
Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	43.2
88	15.3	0.0	31.8



#35
Dibromofluoromethane
Concen: 30.760 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY006135.D
Acq: 24 Sep 2021 13:59

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.6	124.0
192	23.2	17.6	26.4

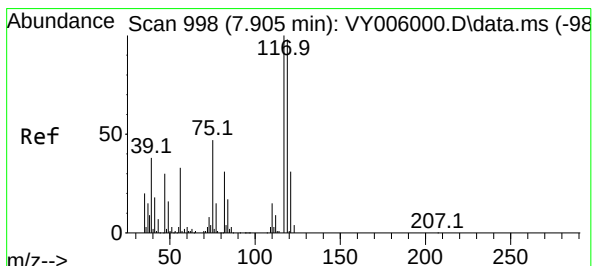
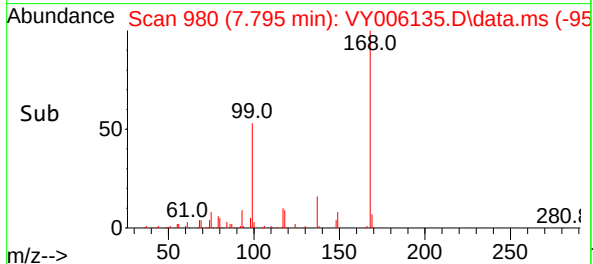
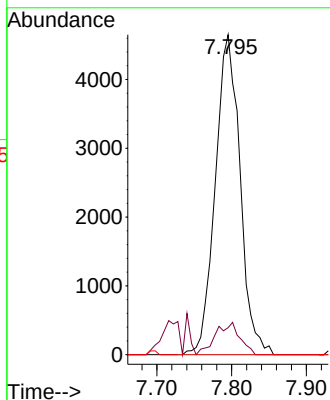
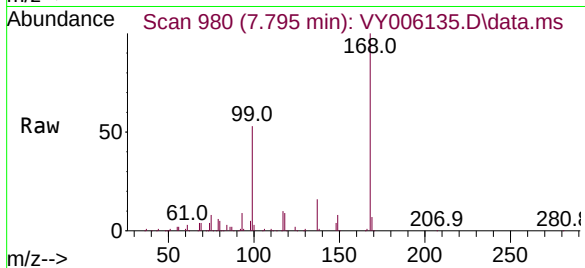




#36
1,1-Dichloropropene
Concen: 4.437 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006135.D
Acq: 24 Sep 2021 13:59

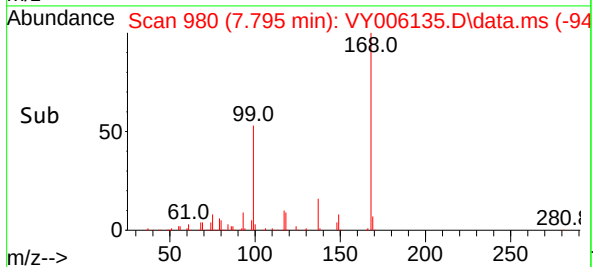
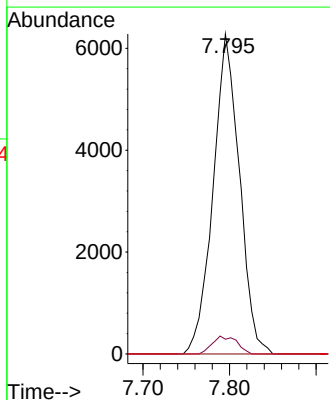
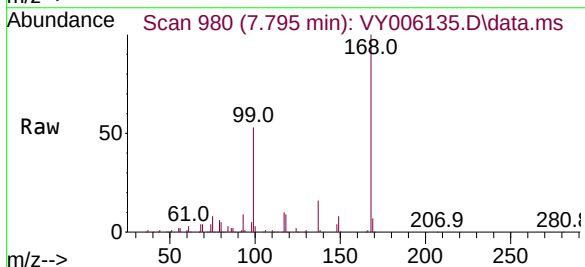
Instrument :
MSVOA_Y
ClientSampleId :
CONC-4

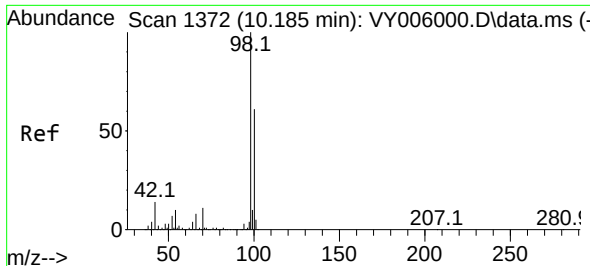
Tgt Ion: 75 Resp: 10716
Ion Ratio Lower Upper
75 100
110 9.9 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.046 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY006135.D
Acq: 24 Sep 2021 13:59

Tgt Ion: 117 Resp: 13267
Ion Ratio Lower Upper
117 100
119 4.6 77.9 116.9#
121 0.0 24.8 37.2#

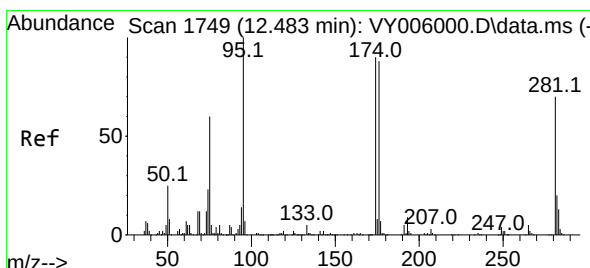
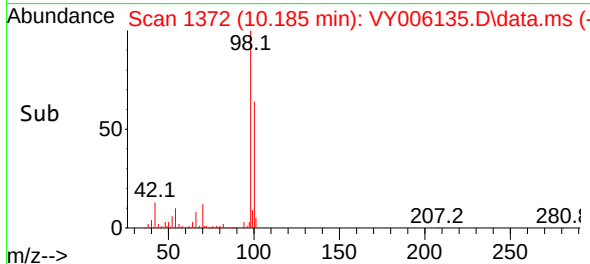
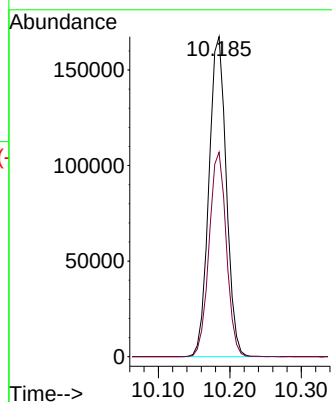
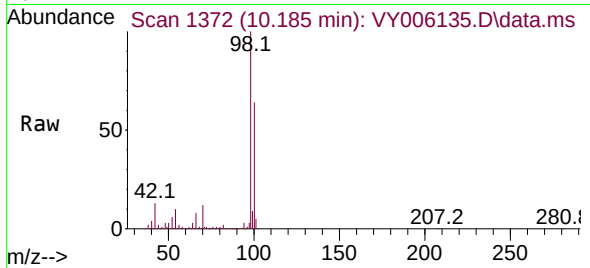




#50
Toluene-d8
Concen: 47.587 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006135.D
Acq: 24 Sep 2021 13:59

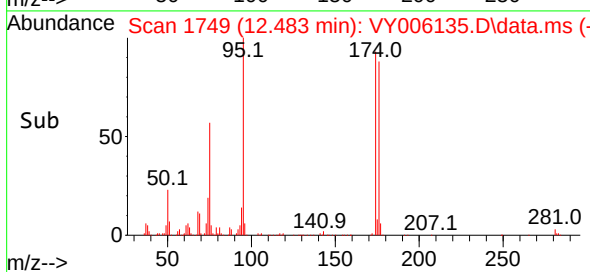
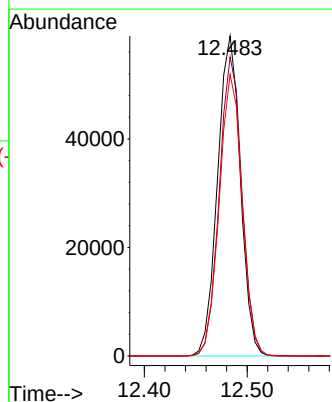
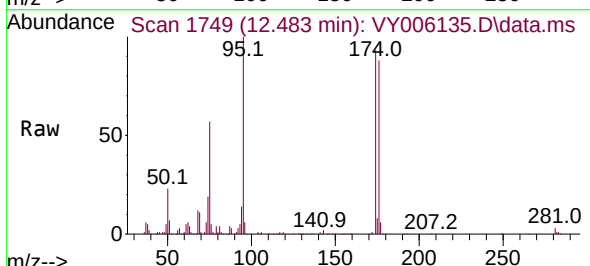
Instrument :
MSVOA_Y
ClientSampleId :
CONC-4

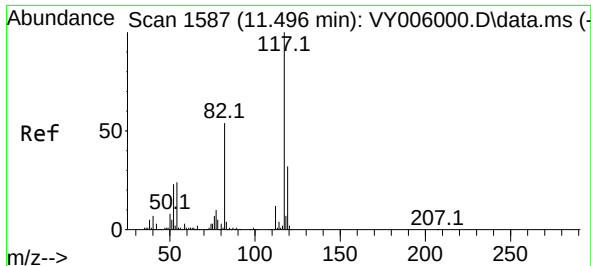
Tgt Ion: 98 Resp: 281879
Ion Ratio Lower Upper
98 100
100 63.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 45.170 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006135.D
Acq: 24 Sep 2021 13:59

Tgt Ion: 95 Resp: 90842
Ion Ratio Lower Upper
95 100
174 92.9 0.0 177.0
176 88.1 0.0 175.8

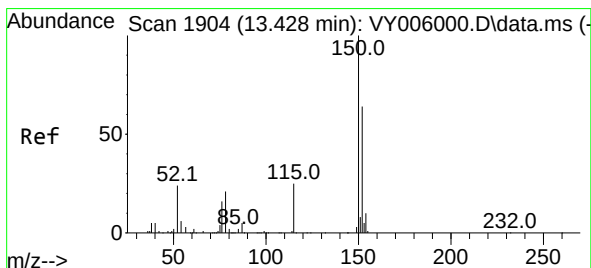
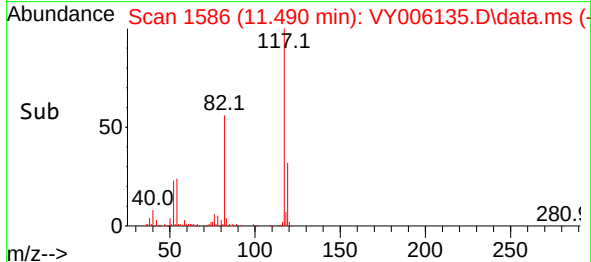
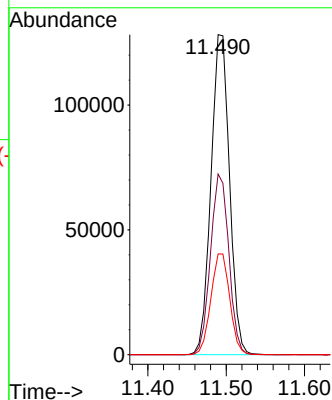
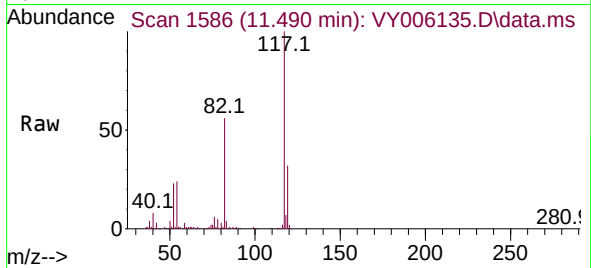




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006135.D
Acq: 24 Sep 2021 13:59

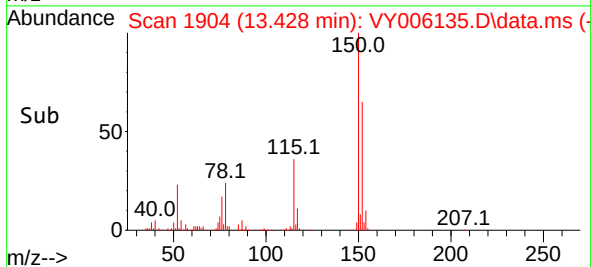
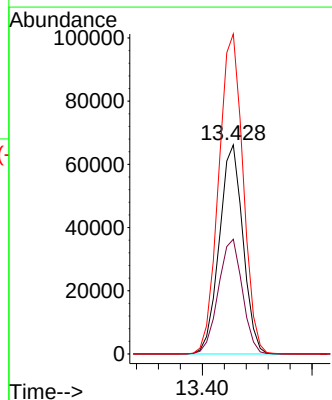
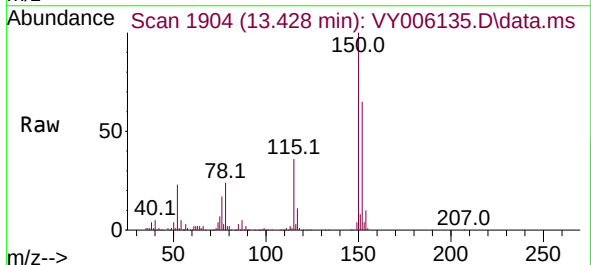
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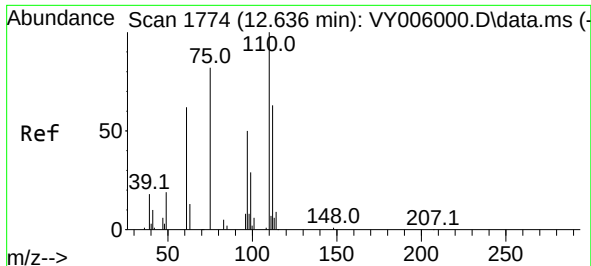
Tgt Ion:117 Resp: 210678
Ion Ratio Lower Upper
117 100
82 56.4 43.0 64.4
119 31.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006135.D
Acq: 24 Sep 2021 13:59

Tgt Ion:152 Resp: 99010
Ion Ratio Lower Upper
152 100
115 55.8 28.2 84.7
150 157.8 0.0 347.6

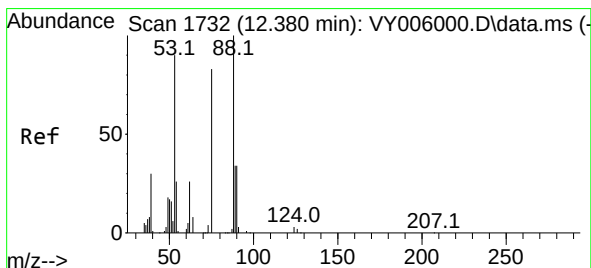
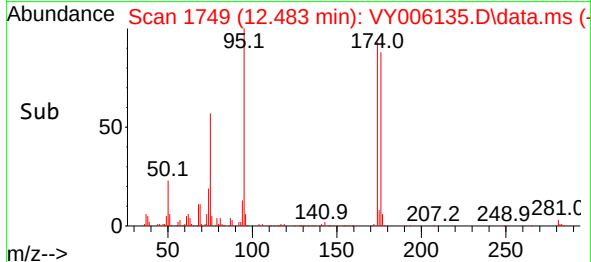
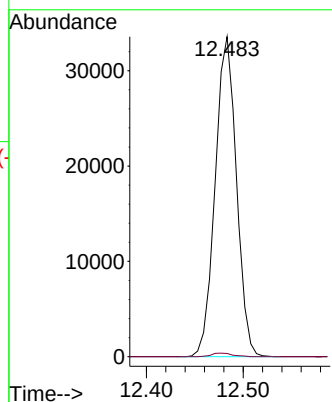
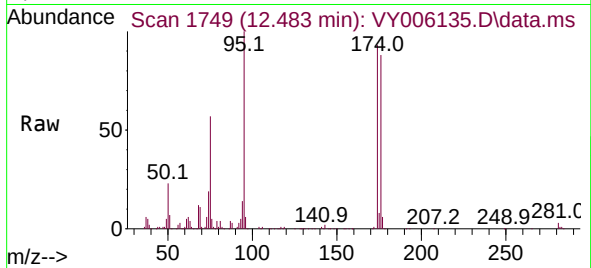




#76
1,2,3-Trichloropropane
Concen: 48.517 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006135.D
Acq: 24 Sep 2021 13:59

Instrument :
MSVOA_Y
ClientSampleId :
CONC-4

Tgt Ion: 75 Resp: 51216
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.199 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006135.D
Acq: 24 Sep 2021 13:59

Tgt Ion: 75 Resp: 51216
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

