

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092721\
 Data File : VY006161.D
 Acq On : 27 Sep 2021 14:25
 Operator : SY/MD
 Sample : M3934-07
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2

Quant Time: Sep 28 06:20:27 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)

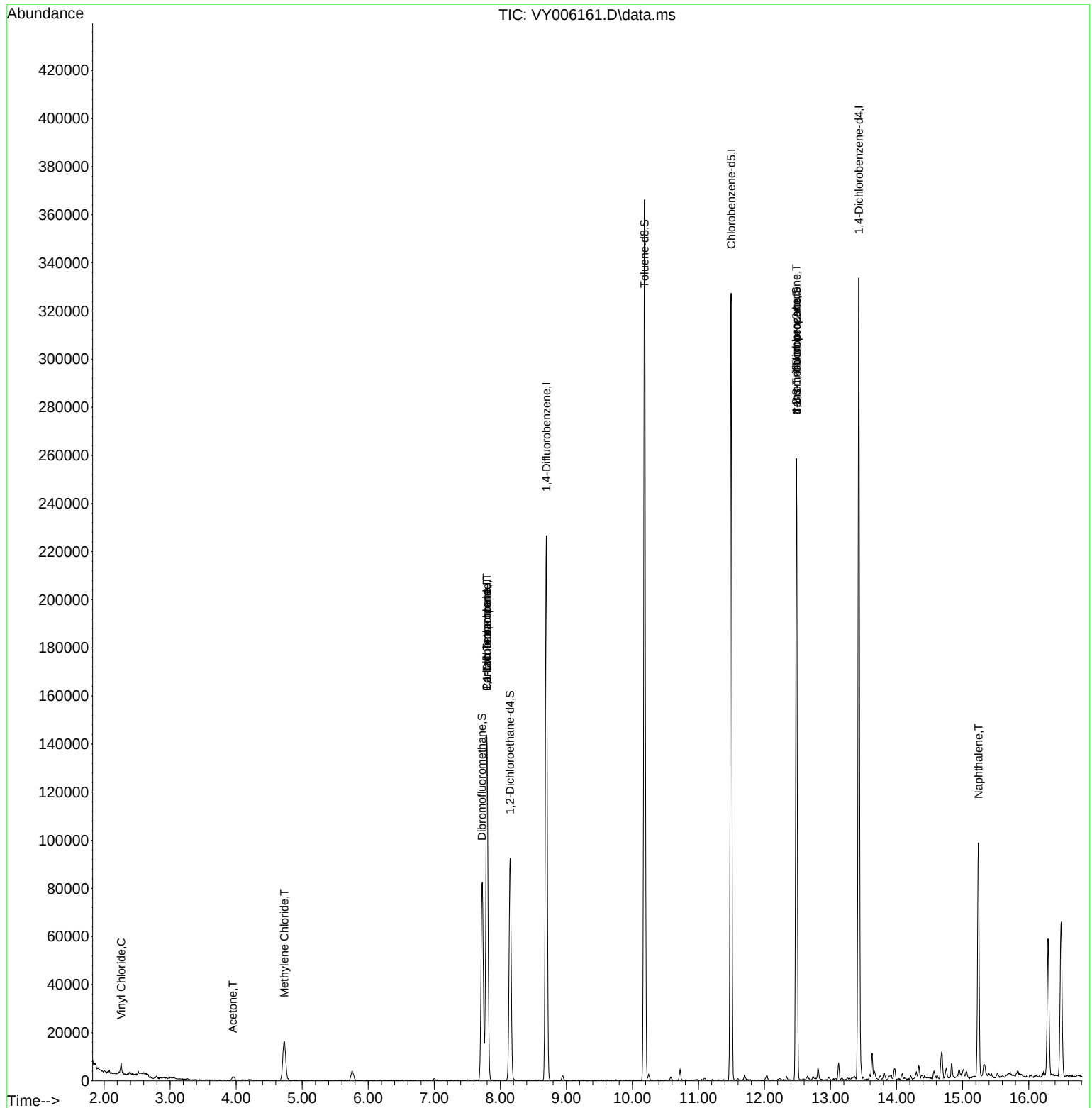
Internal Standards						
1) Pentafluorobenzene	7.795	168	114445	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	187288	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	173788	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	82725	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	77943	49.030	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.060%
35) Dibromofluoromethane	7.722	113	56488	48.559	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.120%
50) Toluene-d8	10.185	98	231305	46.653	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.300%
62) 4-Bromofluorobenzene	12.483	95	72751	43.219	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.440%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.259	62	2901	1.709	ug/l	96
11) Tert butyl alcohol	4.954	59	187	Below Cal	#	77
16) Acetone	3.948	43	2841	6.516	ug/l	96
20) Methylene Chloride	4.728	84	12420	4.940	ug/l #	82
36) 1,1-Dichloropropene	7.795	75	8437	4.174	ug/l #	50
38) Carbon Tetrachloride	7.795	117	10771	4.894	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	41825	47.420	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	41825	87.183	ug/l #	7
95) Naphthalene	15.239	128	78802	23.842	ug/l	100

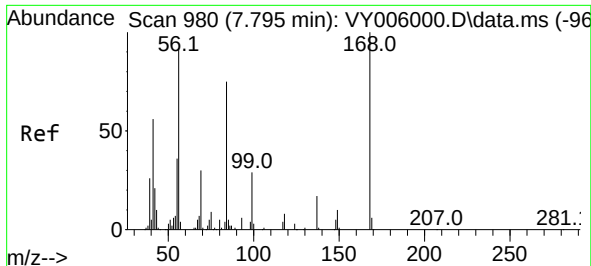
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_Y
ClientSampled :
TP-2

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
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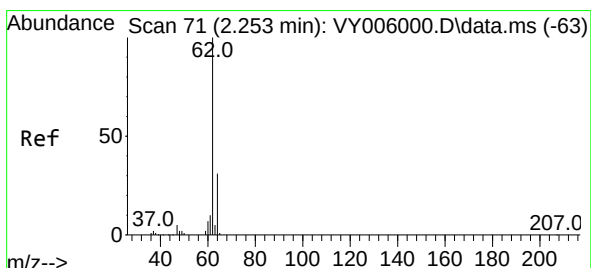
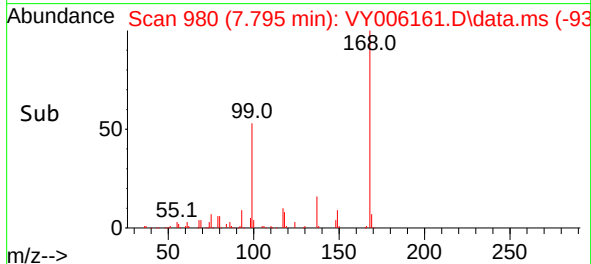
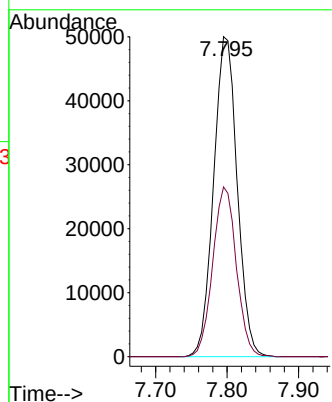
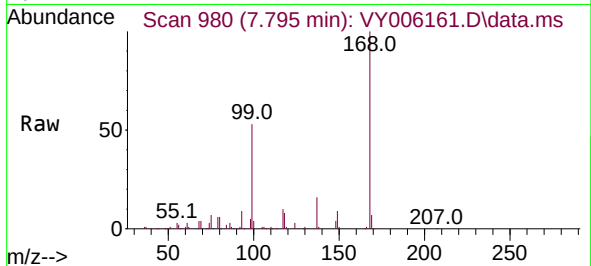




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006161.D
Acq: 27 Sep 2021 14:25

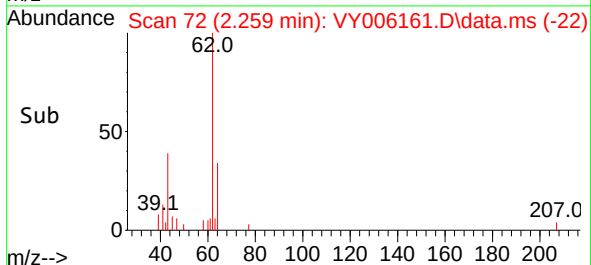
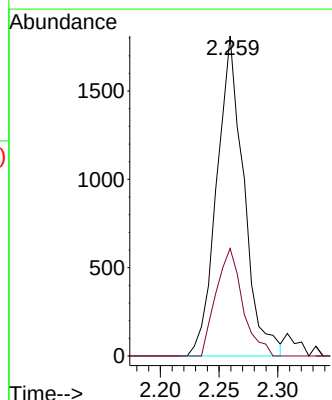
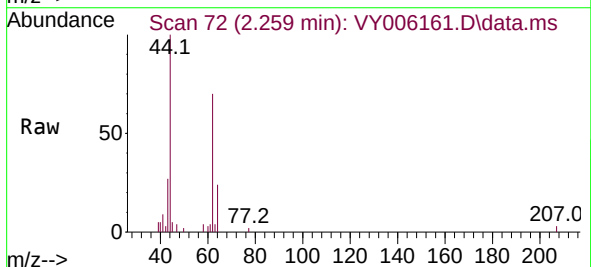
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

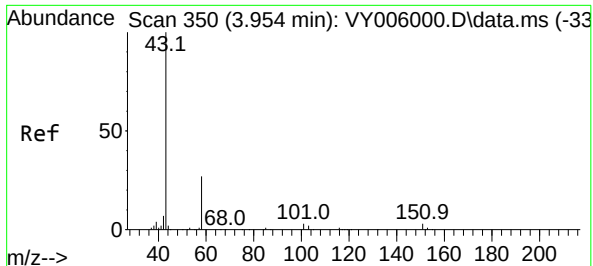
Tgt Ion:168 Resp: 114445
Ion Ratio Lower Upper
168 100
99 53.1 46.9 70.3



#4
Vinyl Chloride
Concen: 1.709 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.006 min
Lab File: VY006161.D
Acq: 27 Sep 2021 14:25

Tgt Ion: 62 Resp: 2901
Ion Ratio Lower Upper
62 100
64 33.6 25.0 37.6

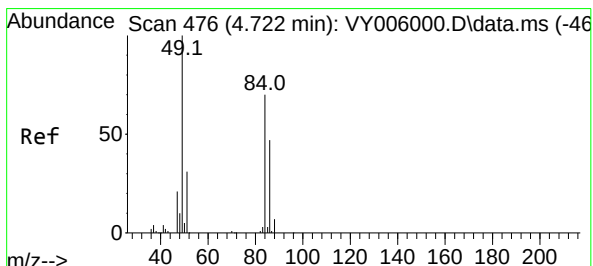
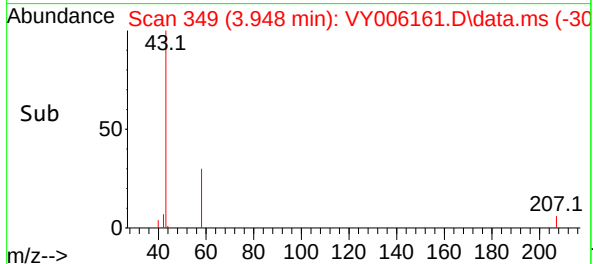
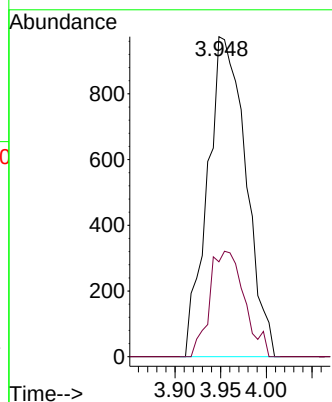
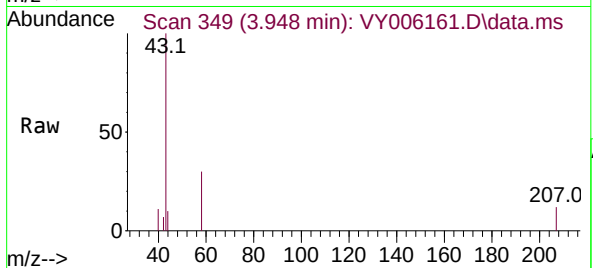




#16
Acetone
Concen: 6.516 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY006161.D
Acq: 27 Sep 2021 14:25

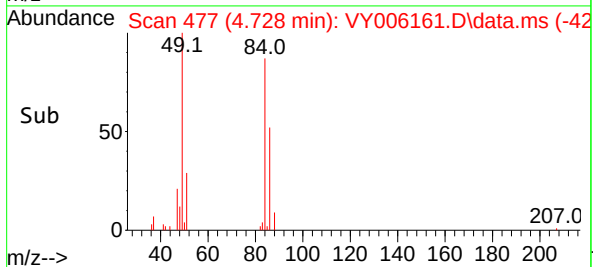
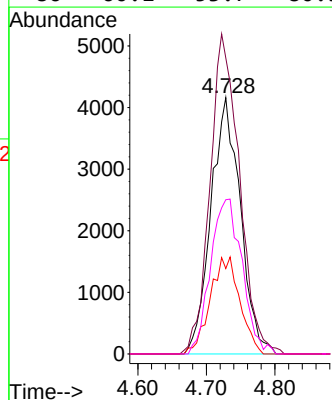
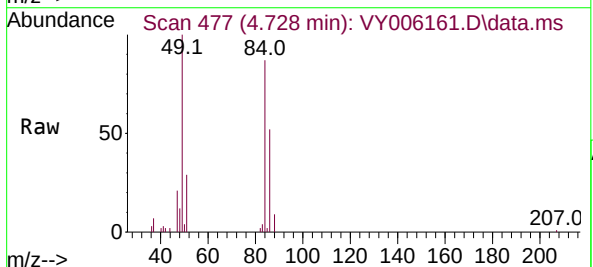
Instrument :
MSVOA_Y
ClientSampled :
TP-2

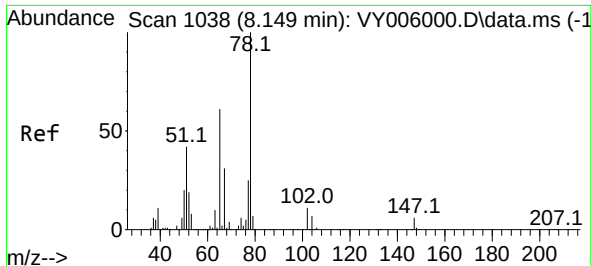
Tgt Ion: 43 Resp: 2841
Ion Ratio Lower Upper
43 100
58 29.7 22.0 33.0



#20
Methylene Chloride
Concen: 4.940 ug/l
RT: 4.728 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY006161.D
Acq: 27 Sep 2021 14:25

Tgt Ion: 84 Resp: 12420
Ion Ratio Lower Upper
84 100
49 115.5 114.4 171.6
51 33.3 35.3 52.9#
86 60.1 53.7 80.5

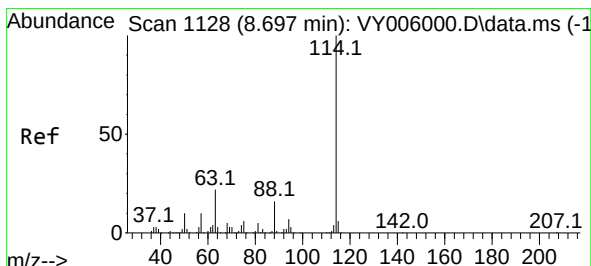
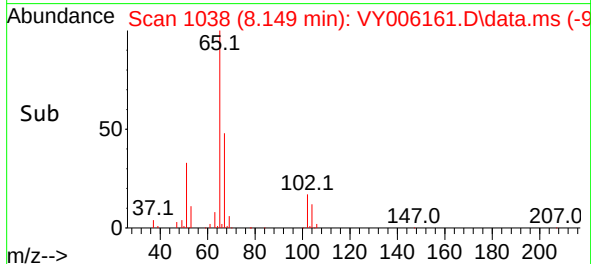
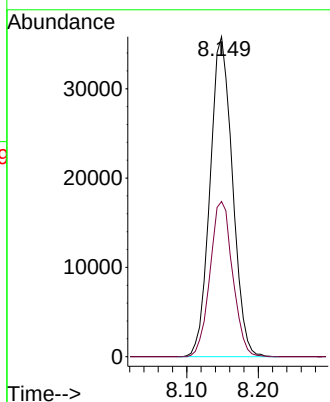
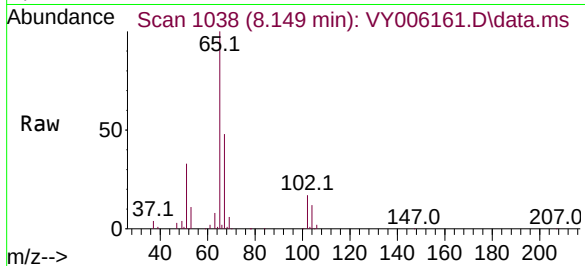




#33
 1,2-Dichloroethane-d4
 Concen: 49.030 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY006161.D
 Acq: 27 Sep 2021 14:25

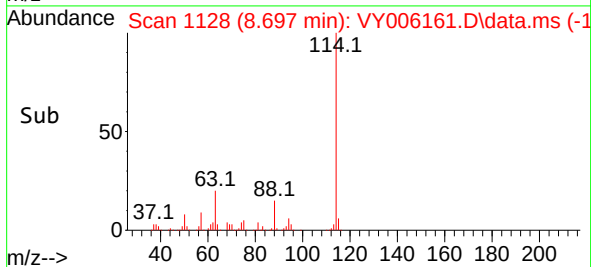
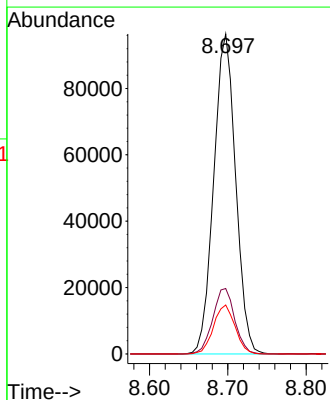
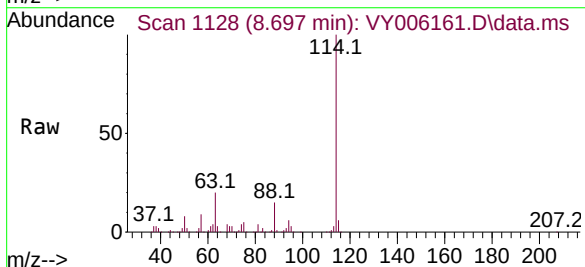
Instrument :
 MSVOA_Y
 ClientSampled :
 TP-2

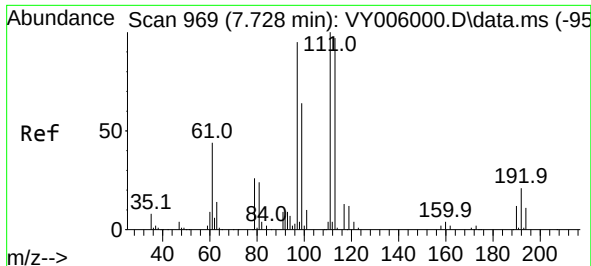
Tgt Ion: 65 Resp: 77943
 Ion Ratio Lower Upper
 65 100
 67 48.9 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VY006161.D
 Acq: 27 Sep 2021 14:25

Tgt Ion: 114 Resp: 187288
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 43.2
 88 15.3 0.0 31.8

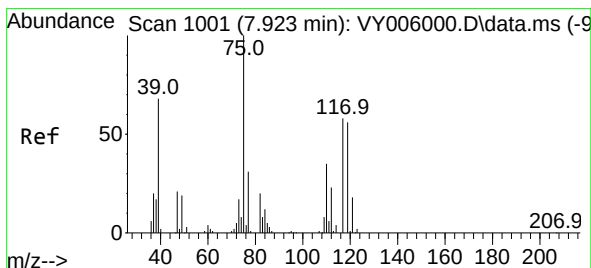
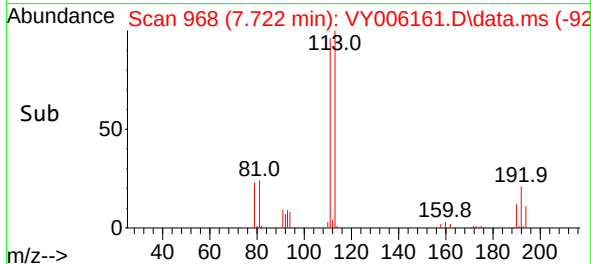
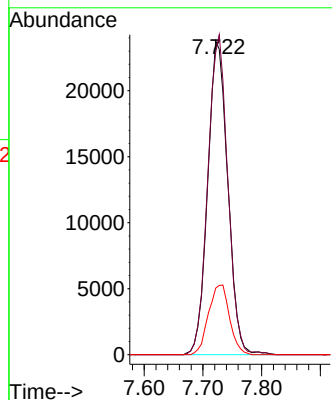
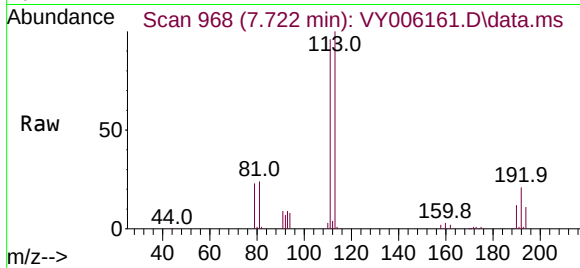




#35
Dibromofluoromethane
Concen: 48.559 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY006161.D
Acq: 27 Sep 2021 14:25

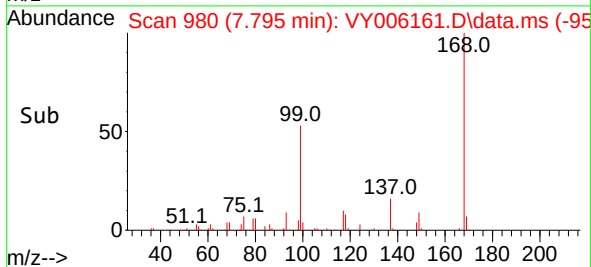
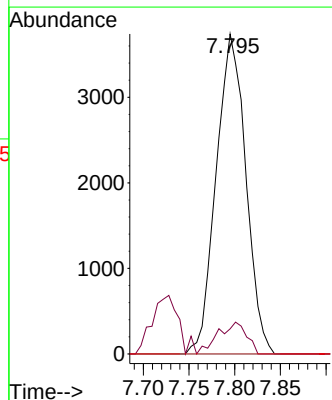
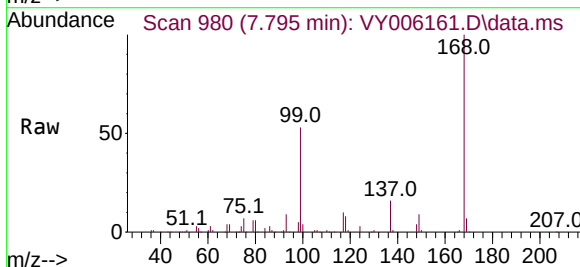
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

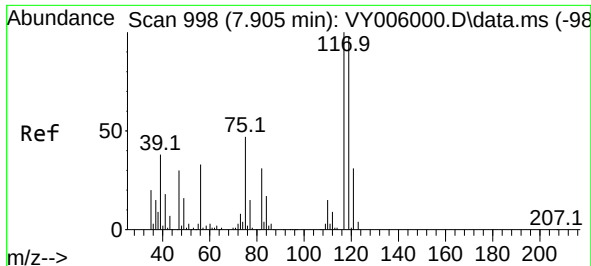
Tgt Ion:113 Resp: 56488
Ion Ratio Lower Upper
113 100
111 101.4 82.6 124.0
192 23.2 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.174 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006161.D
Acq: 27 Sep 2021 14:25

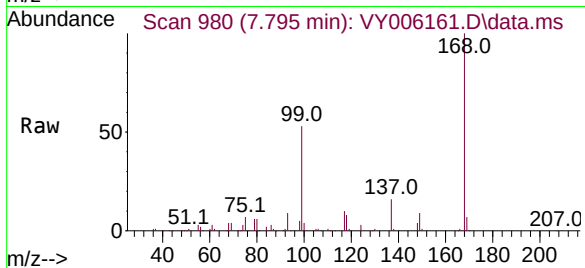
Tgt Ion: 75 Resp: 8437
Ion Ratio Lower Upper
75 100
110 8.9 17.1 51.2#
77 0.0 24.4 36.6#



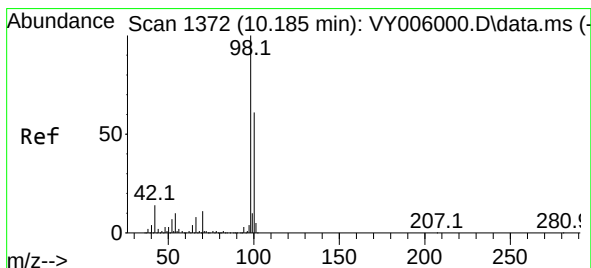
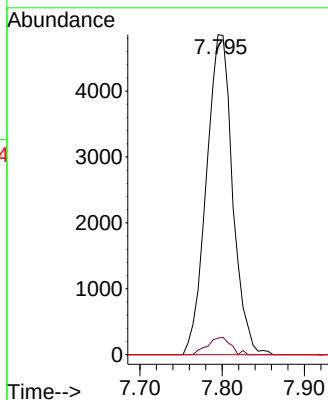
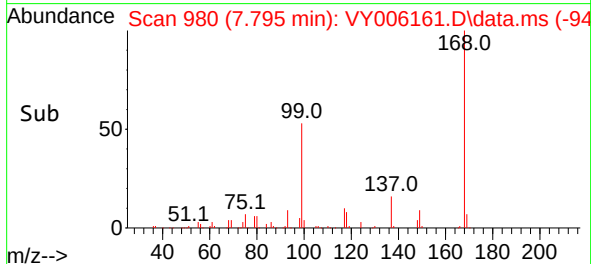


#38
Carbon Tetrachloride
Concen: 4.894 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY006161.D
Acq: 27 Sep 2021 14:25

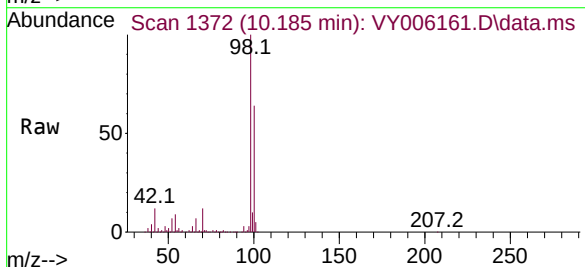
Instrument :
MSVOA_Y
ClientSampled :
TP-2



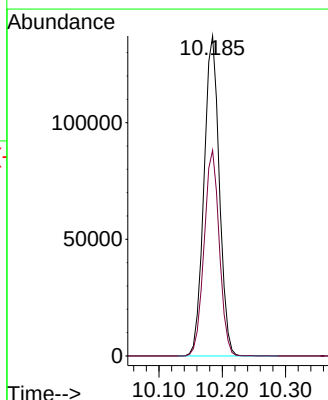
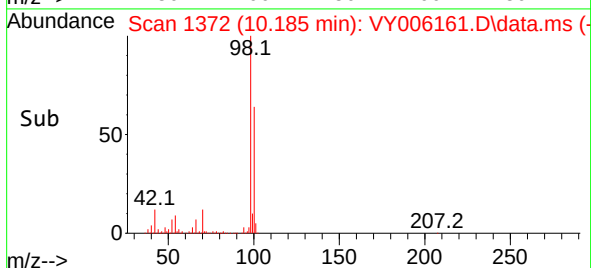
Tgt Ion: 117 Resp: 10771
Ion Ratio Lower Upper
117 100
119 5.2 77.9 116.9#
121 0.0 24.8 37.2#

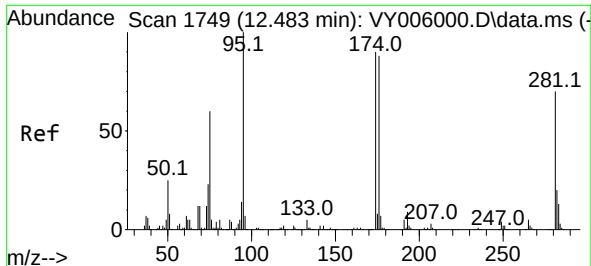


#50
Toluene-d8
Concen: 46.653 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006161.D
Acq: 27 Sep 2021 14:25



Tgt Ion: 98 Resp: 231305
Ion Ratio Lower Upper
98 100
100 63.7 50.2 75.2

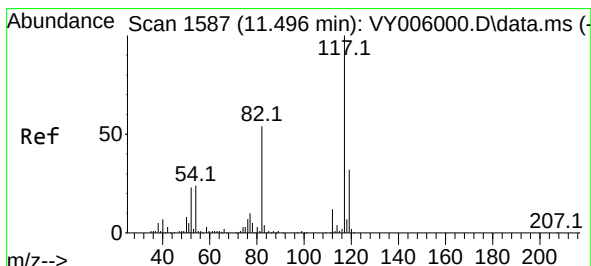
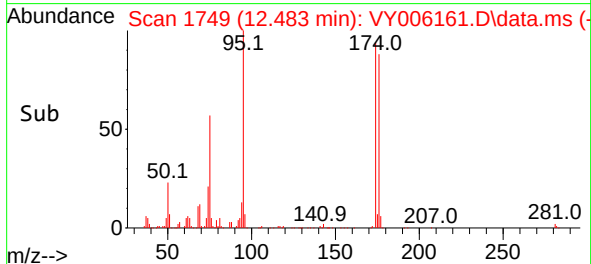
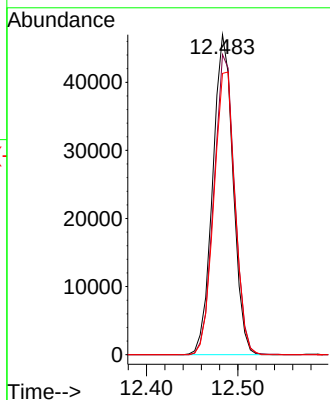
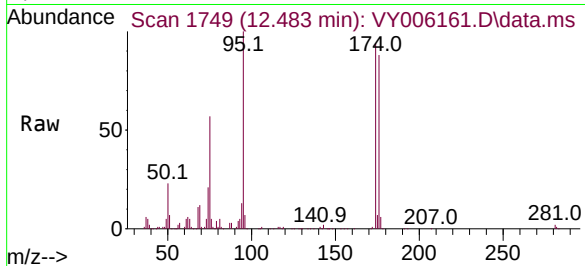




#62
4-Bromofluorobenzene
Concen: 43.219 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006161.D
Acq: 27 Sep 2021 14:25

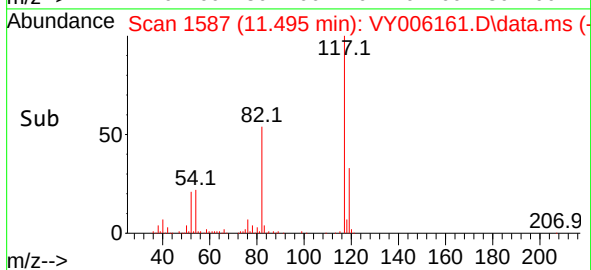
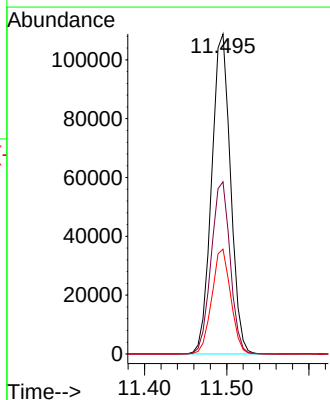
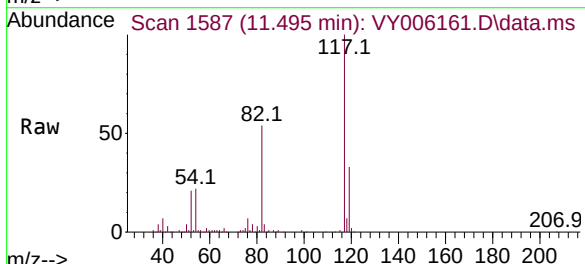
Instrument :
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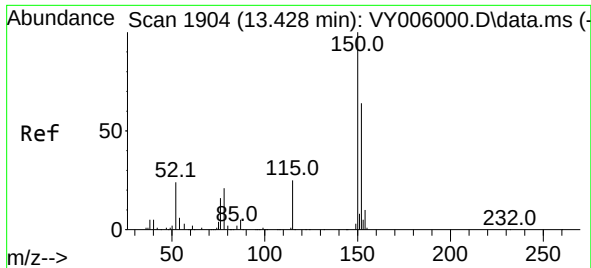
Tgt Ion: 95 Resp: 72751
Ion Ratio Lower Upper
95 100
174 95.2 0.0 177.0
176 91.5 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY006161.D
Acq: 27 Sep 2021 14:25

Tgt Ion: 117 Resp: 173788
Ion Ratio Lower Upper
117 100
82 53.8 43.0 64.4
119 32.8 25.4 38.0

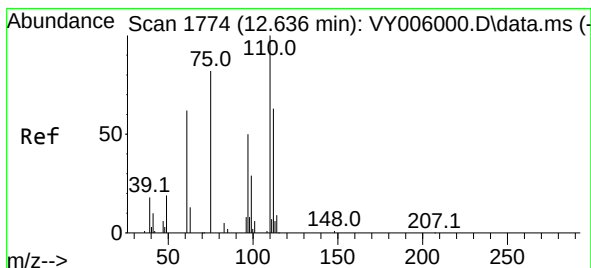
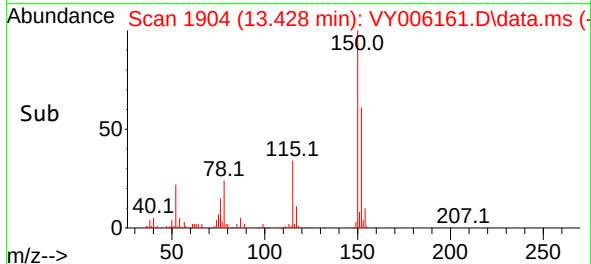
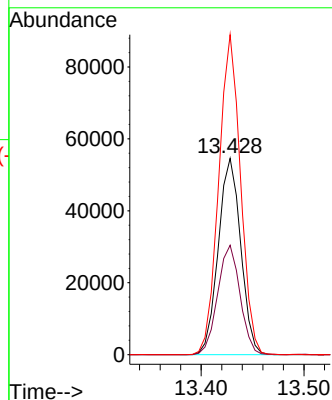
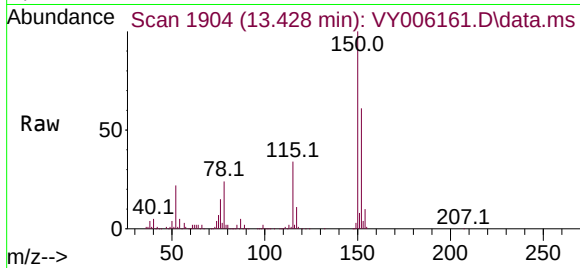




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY006161.D
 Acq: 27 Sep 2021 14:25

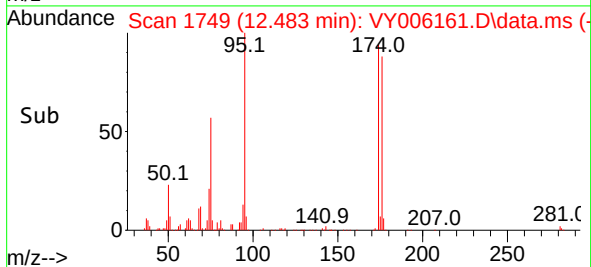
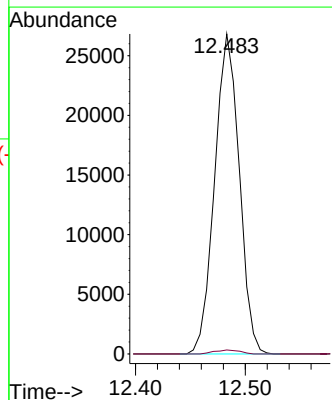
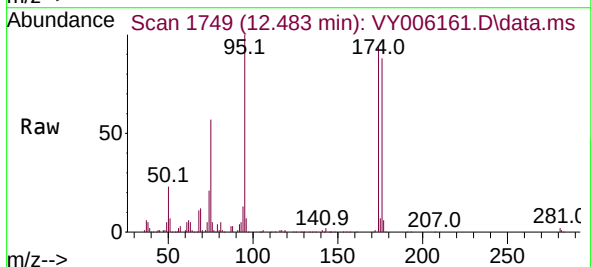
Instrument :
 MSVOA_Y
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 TP-2

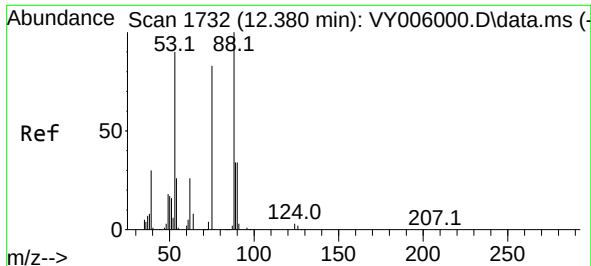
Tgt Ion:152 Resp: 82725
 Ion Ratio Lower Upper
 152 100
 115 55.6 28.2 84.7
 150 158.0 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 47.420 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY006161.D
 Acq: 27 Sep 2021 14:25

Tgt Ion: 75 Resp: 41825
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#

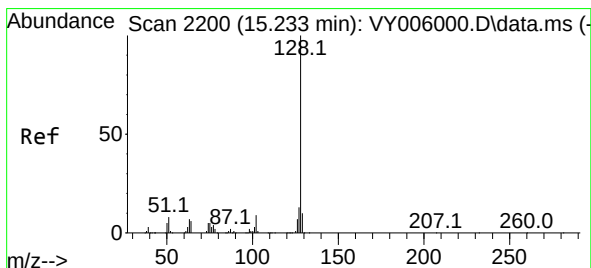
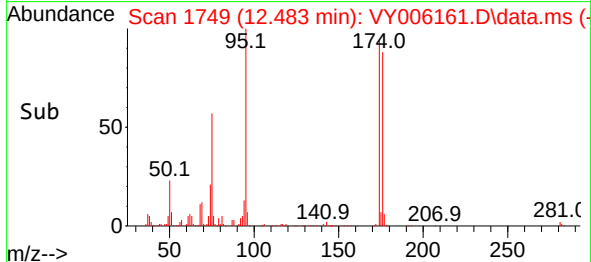
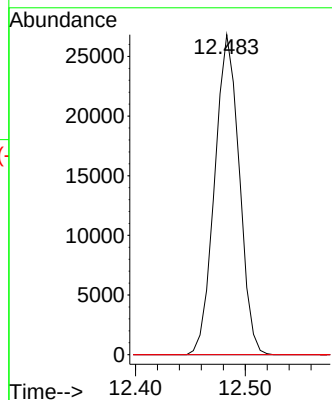
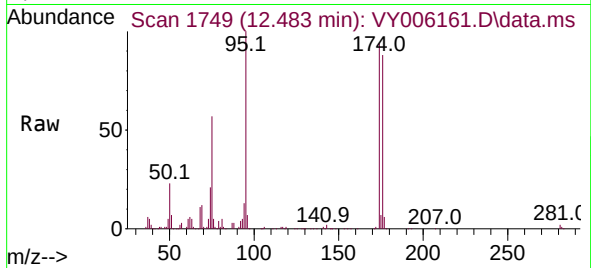




#81
trans-1,4-Dichloro-2-butene
Concen: 87.183 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006161.D
Acq: 27 Sep 2021 14:25

Instrument :
MSVOA_Y
ClientSampled :
TP-2

Tgt Ion: 75 Resp: 41825
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#



#95
Naphthalene
Concen: 23.842 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY006161.D
Acq: 27 Sep 2021 14:25

Tgt Ion:128 Resp: 78802
Ion Ratio Lower Upper
128 100
127 13.4 11.0 16.4
129 10.5 8.4 12.6

