

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091021\
 Data File : VY005994.D
 Acq On : 10 Sep 2021 19:36
 Operator : SY/MD
 Sample : M3687-19
 Misc : 6.44G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 11 01:24:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 01 05:32:43 2021
 Response via : Initial Calibration

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

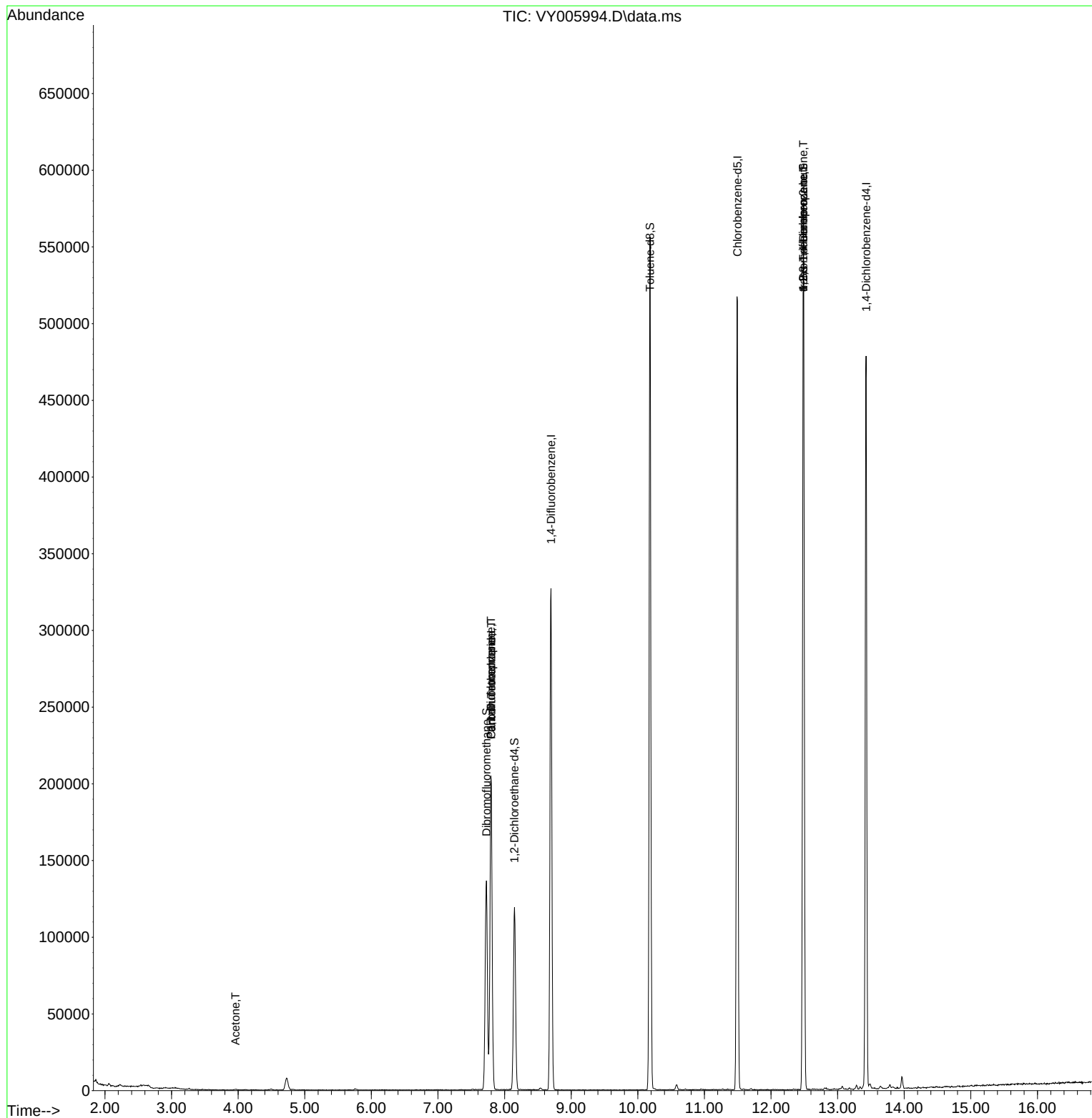
Internal Standards						
1) Pentafluorobenzene	7.801	168	176686	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	296601	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	301689	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	135440	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	96382	54.132	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.260%	
35) Dibromofluoromethane	7.728	113	93543	56.158	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.320%	
50) Toluene-d8	10.184	98	368758	52.750	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.500%	
62) 4-Bromofluorobenzene	12.483	95	122461	52.170	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.340%	
Target Compounds						
					Qvalue	
16) Acetone	3.960	43	965	2.126	ug/l	91
20) Methylene Chloride	4.728	84	6221	Below Cal		91
36) 1,1-Dichloropropene	7.795	75	10728	3.842	ug/l #	50
38) Carbon Tetrachloride	7.801	117	15506	5.123	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	63026	49.718	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	63026	94.553	ug/l #	14

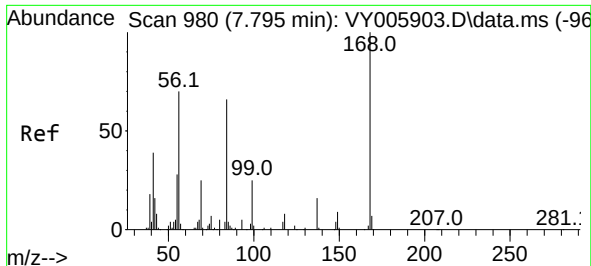
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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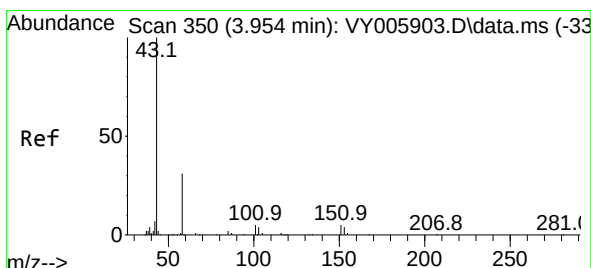
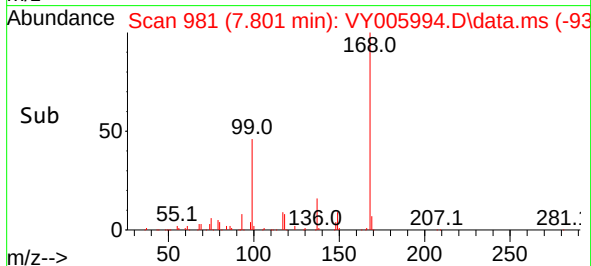
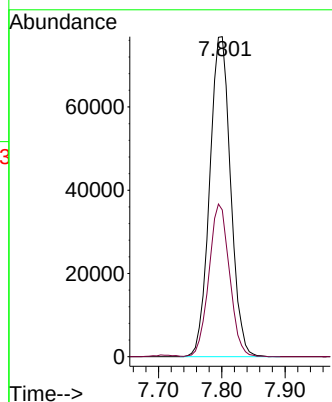
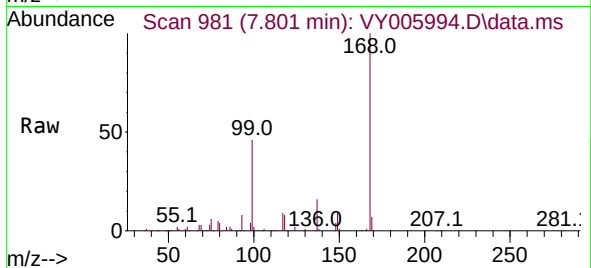




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY005994.D
Acq: 10 Sep 2021 19:36

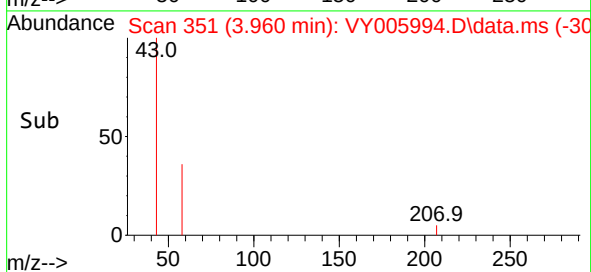
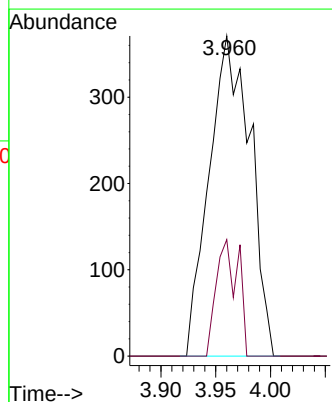
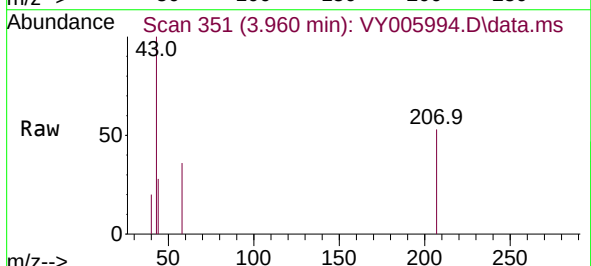
Instrument :
MSVOA_Y
ClientSampled :

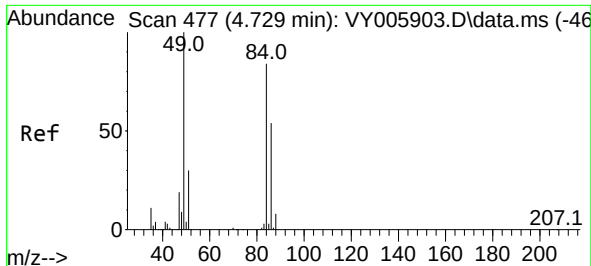
Tgt Ion:168 Resp: 176686
Ion Ratio Lower Upper
168 100
99 45.8 40.6 60.8



#16
Acetone
Concen: 2.126 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY005994.D
Acq: 10 Sep 2021 19:36

Tgt Ion: 43 Resp: 965
Ion Ratio Lower Upper
43 100
58 36.4 25.1 37.7





#20

Methylene Chloride

Concen: Below Cal

RT: 4.728 min Scan# 477

Delta R.T. -0.001 min

Lab File: VY005994.D

Acq: 10 Sep 2021 19:36

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 84 Resp: 6221

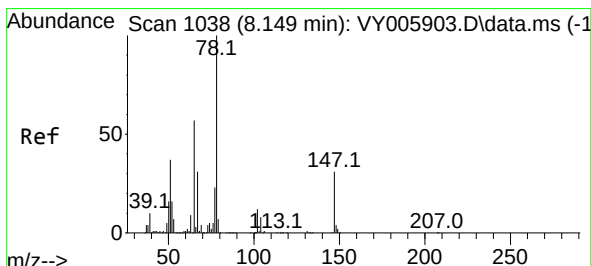
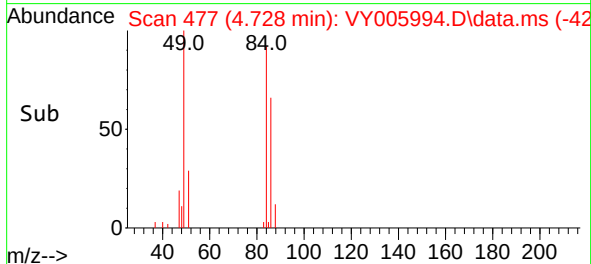
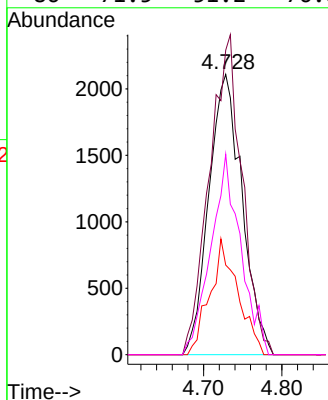
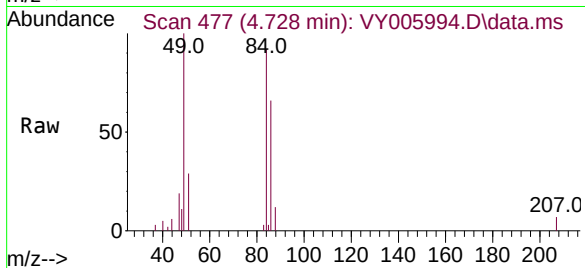
Ion Ratio Lower Upper

84 100

49 108.6 95.7 143.5

51 31.9 29.0 43.6

86 71.5 51.2 76.8



#33

1,2-Dichloroethane-d4

Concen: 54.132 ug/l

RT: 8.148 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VY005994.D

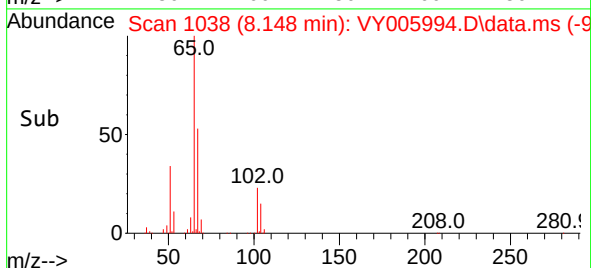
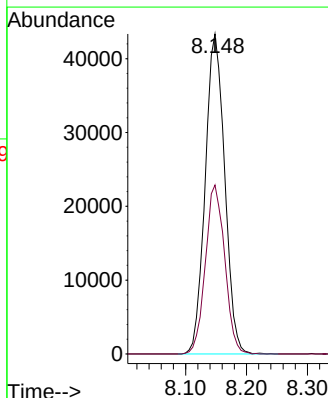
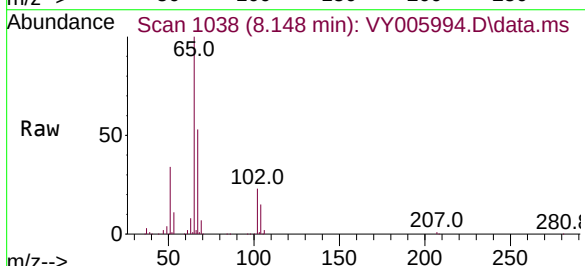
Acq: 10 Sep 2021 19:36

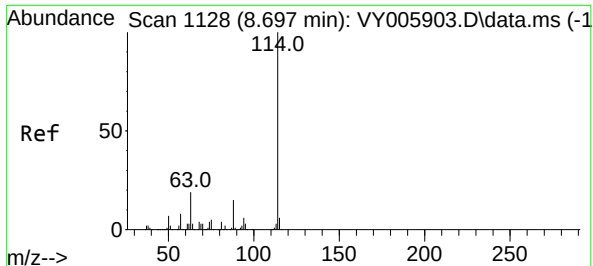
Tgt Ion: 65 Resp: 96382

Ion Ratio Lower Upper

65 100

67 52.3 0.0 105.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY005994.D

Acq: 10 Sep 2021 19:36

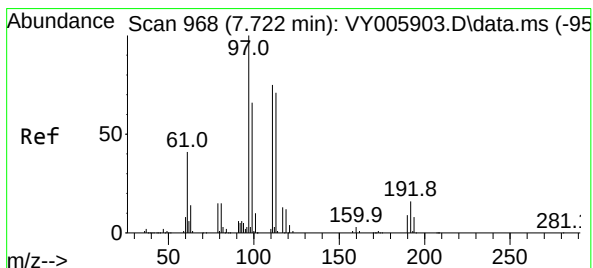
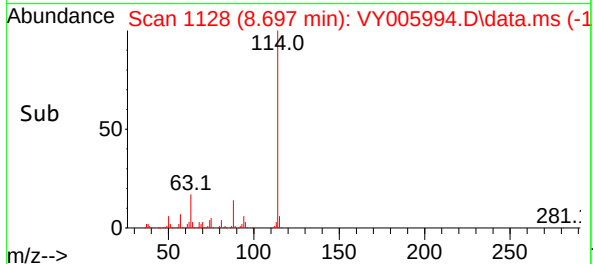
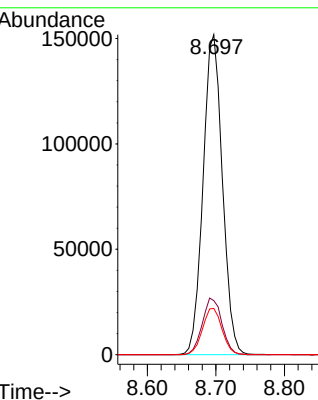
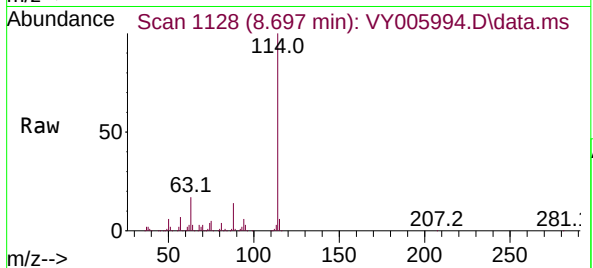
Tgt Ion:114 Resp: 296601

Ion Ratio Lower Upper

114 100

63 16.9 0.0 38.4

88 14.4 0.0 30.0



#35

Dibromofluoromethane

Concen: 56.158 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY005994.D

Acq: 10 Sep 2021 19:36

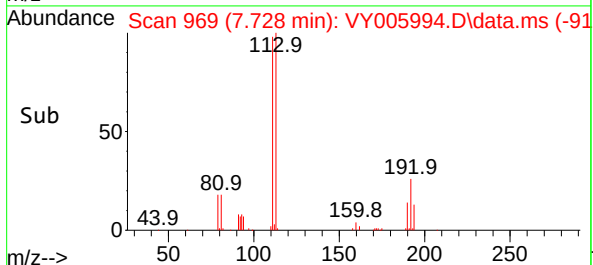
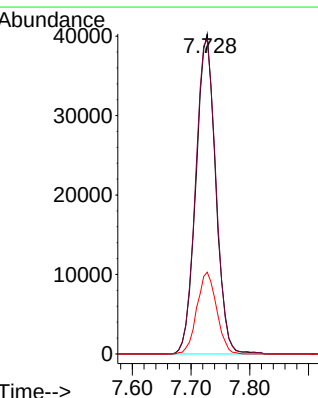
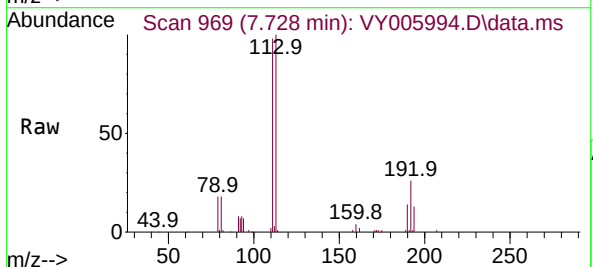
Tgt Ion:113 Resp: 93543

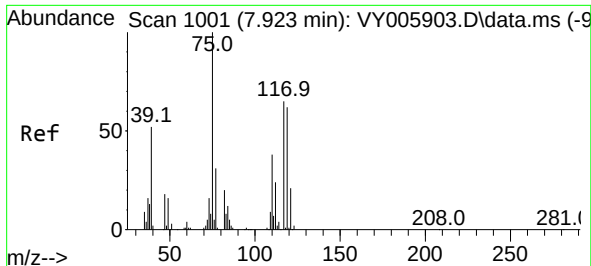
Ion Ratio Lower Upper

113 100

111 101.7 81.9 122.9

192 25.6 19.4 29.0





#36

1,1-Dichloropropene

Concen: 3.842 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

Lab File: VY005994.D

Acq: 10 Sep 2021 19:36

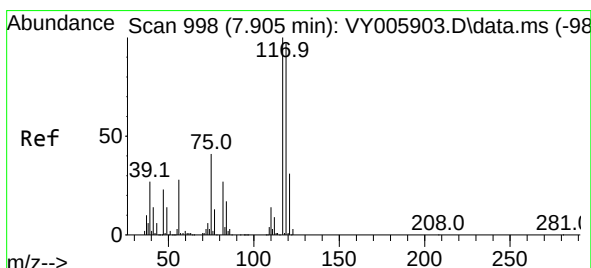
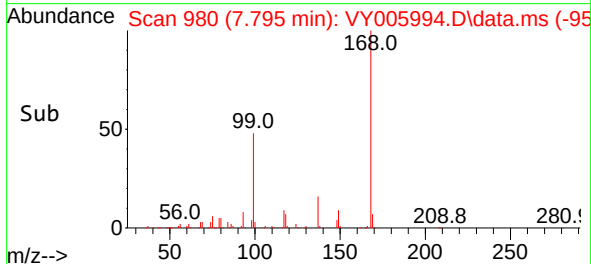
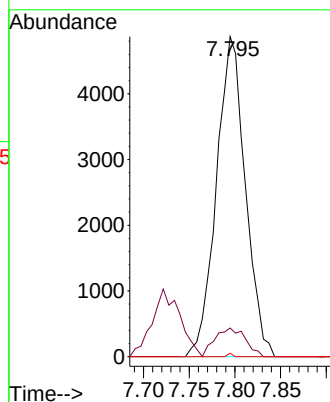
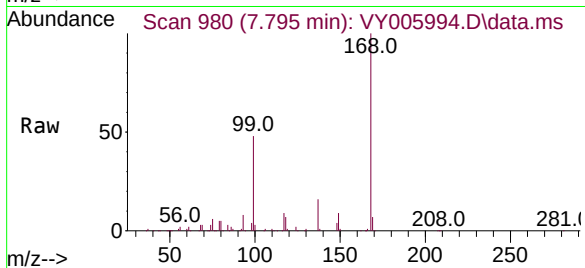
Tgt Ion: 75 Resp: 10728

Ion Ratio Lower Upper

75 100

110 9.4 18.1 54.3#

77 0.2 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 5.123 ug/l

RT: 7.801 min Scan# 981

Delta R.T. -0.104 min

Lab File: VY005994.D

Acq: 10 Sep 2021 19:36

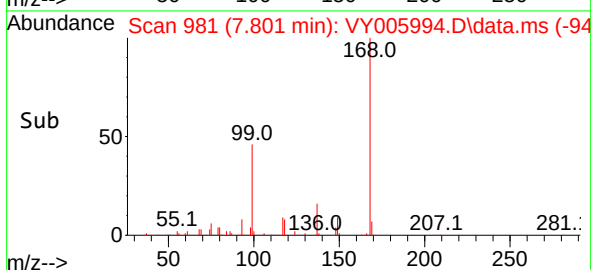
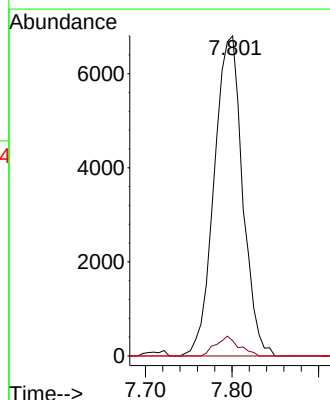
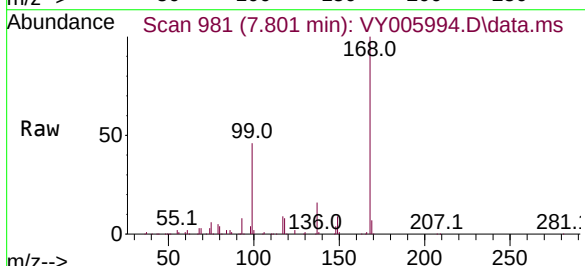
Tgt Ion: 117 Resp: 15506

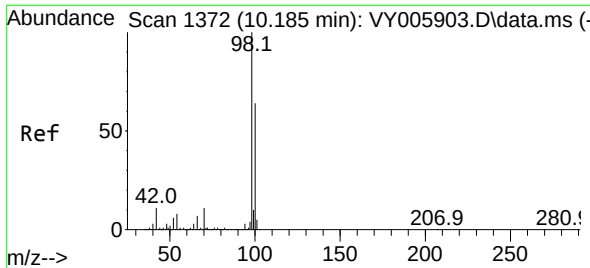
Ion Ratio Lower Upper

117 100

119 4.7 77.5 116.3#

121 0.0 25.0 37.6#

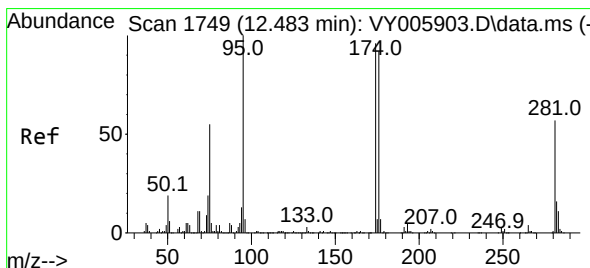
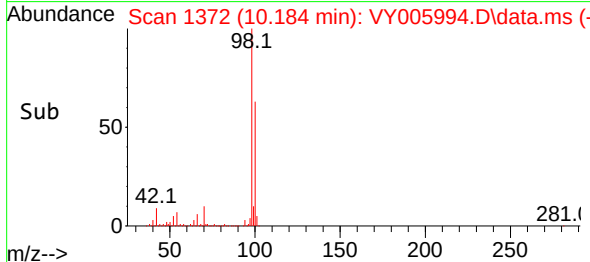
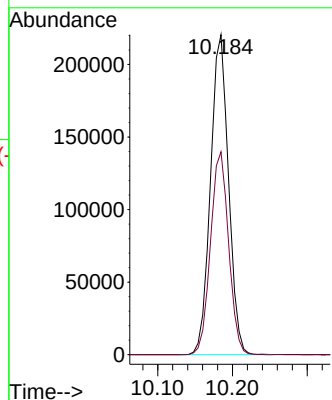
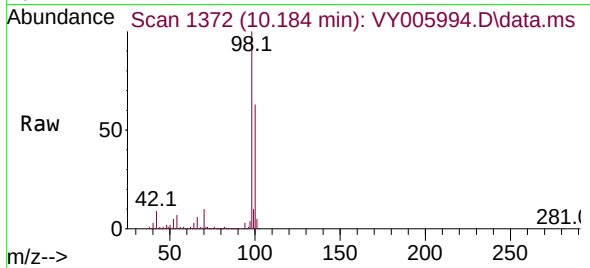




#50
Toluene-d8
Concen: 52.750 ug/l
RT: 10.184 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005994.D
Acq: 10 Sep 2021 19:36

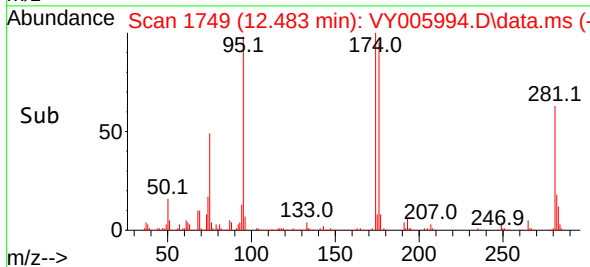
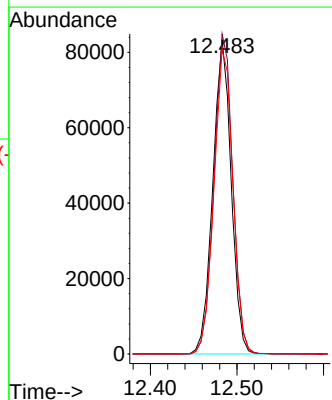
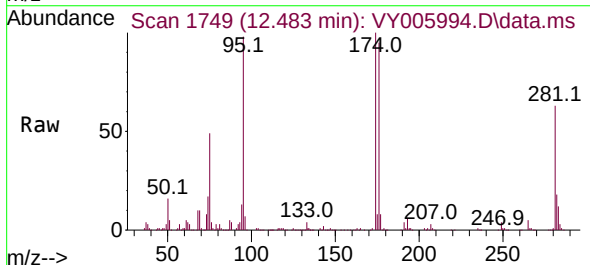
Instrument :
MSVOA_Y
ClientSampled :

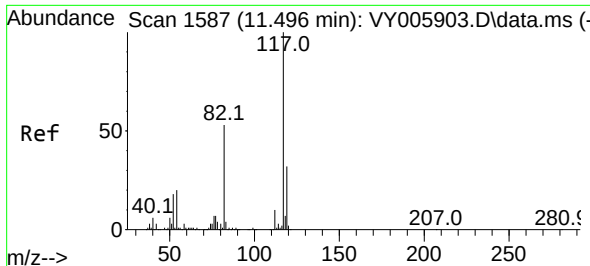
Tgt Ion: 98 Resp: 368758
Ion Ratio Lower Upper
98 100
100 63.8 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 52.170 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005994.D
Acq: 10 Sep 2021 19:36

Tgt Ion: 95 Resp: 122461
Ion Ratio Lower Upper
95 100
174 104.4 0.0 192.4
176 100.1 0.0 186.8

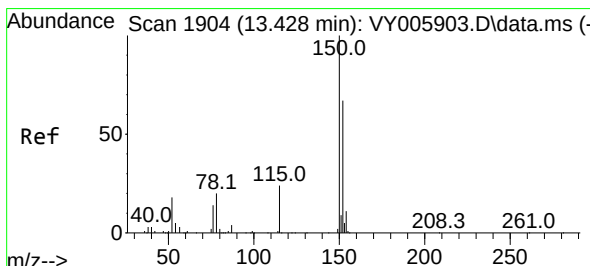
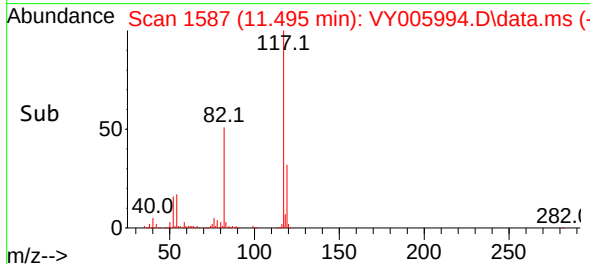
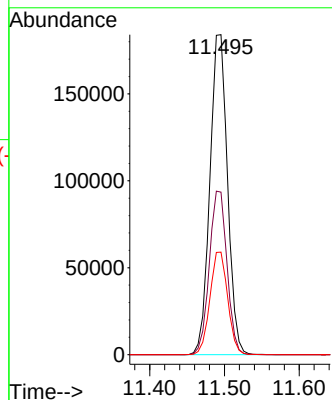
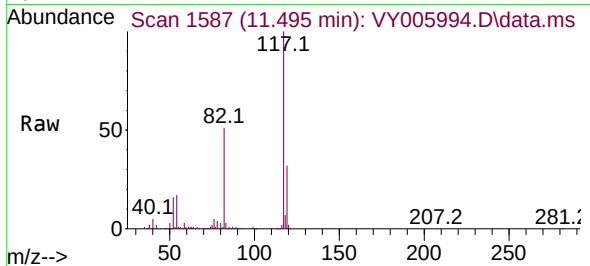




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005994.D
Acq: 10 Sep 2021 19:36

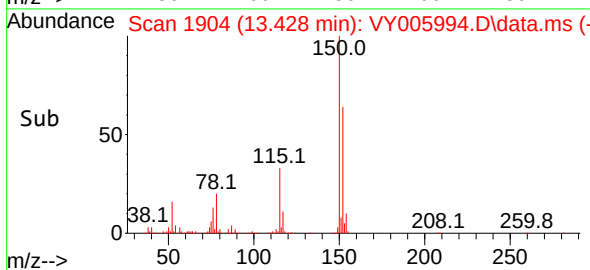
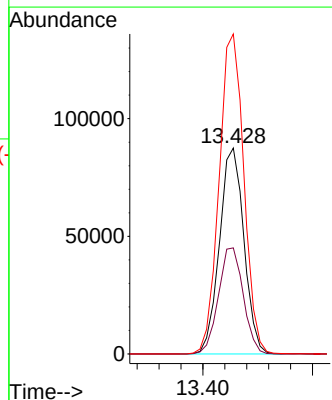
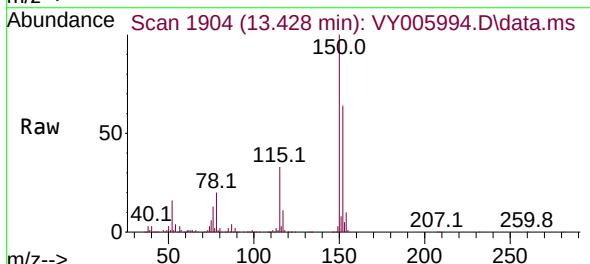
Instrument :
MSVOA_Y
ClientSampleId :

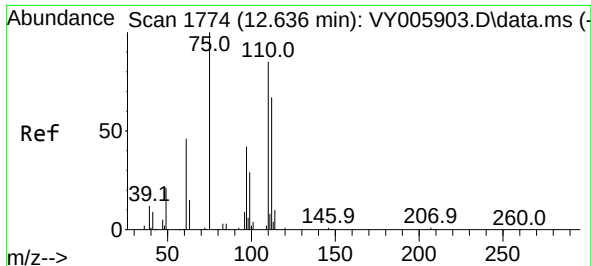
Tgt Ion:117 Resp: 301689
Ion Ratio Lower Upper
117 100
82 50.8 42.4 63.6
119 32.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005994.D
Acq: 10 Sep 2021 19:36

Tgt Ion:152 Resp: 135440
Ion Ratio Lower Upper
152 100
115 52.3 26.8 80.4
150 157.4 0.0 345.6

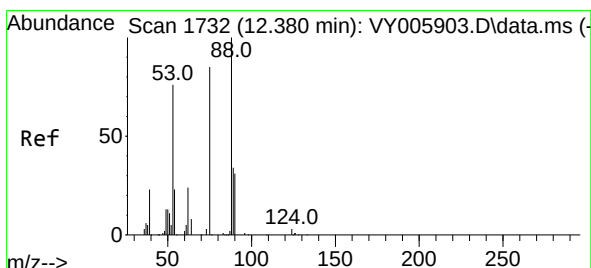
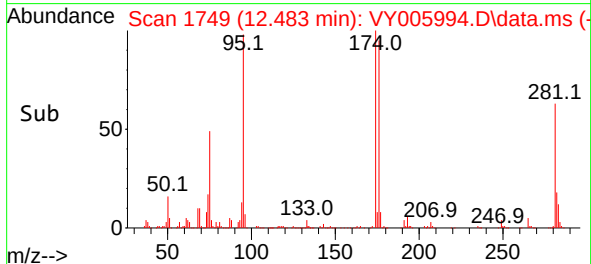
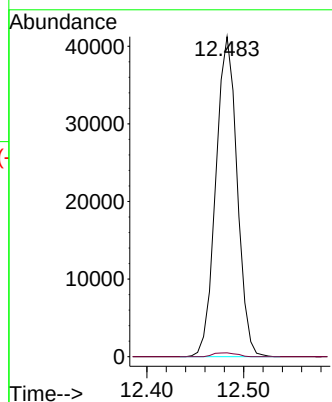
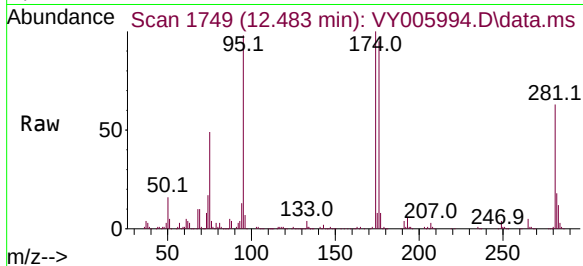




#76
1,2,3-Trichloropropane
Concen: 49.718 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005994.D
Acq: 10 Sep 2021 19:36

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 63026
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 94.553 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY005994.D
Acq: 10 Sep 2021 19:36

Tgt Ion: 75 Resp: 63026
Ion Ratio Lower Upper
75 100
53 0.0 71.8 107.8#
89 0.6 35.8 53.6#

