

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102521\
 Data File : VY006467.D
 Acq On : 25 Oct 2021 15:27
 Operator : SY/MD
 Sample : M4300-10
 Misc : 5.39G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TH-CCD

Quant Time: Oct 26 02:44:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

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

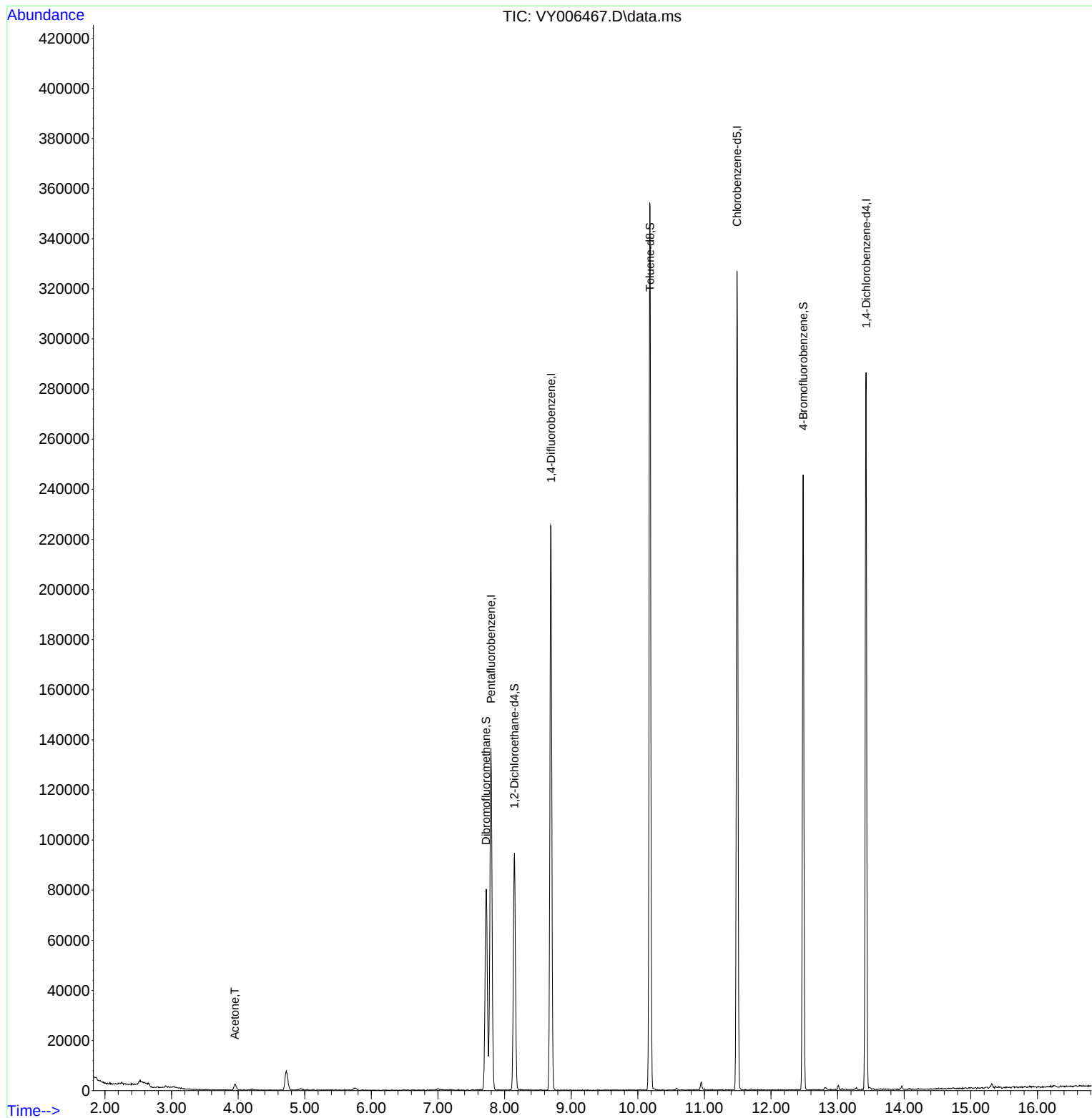
Internal Standards						
1) Pentafluorobenzene	7.795	168	103867	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	178827	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	164086	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	69850	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	76664	59.980	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.960%
35) Dibromofluoromethane	7.722	113	53717	53.893	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.780%
50) Toluene-d8	10.185	98	224094	53.036	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.080%
62) 4-Bromofluorobenzene	12.483	95	66781	46.919	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.840%
Target Compounds						Qvalue
16) Acetone	3.948	43	4189	11.382	ug/l	98

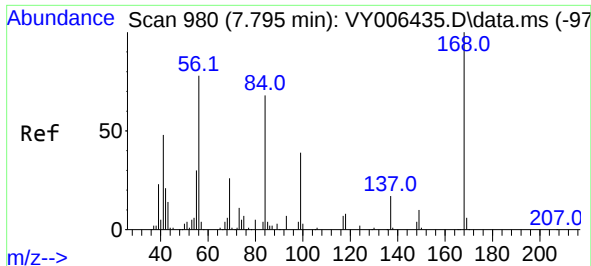
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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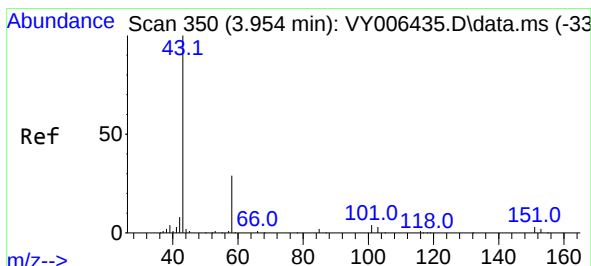
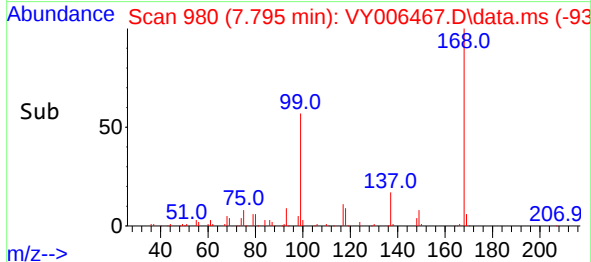
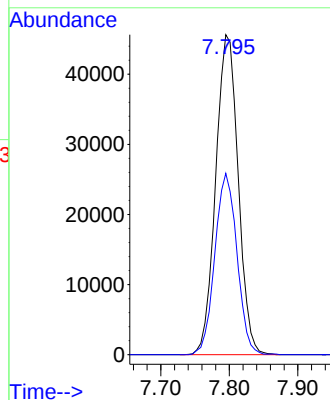
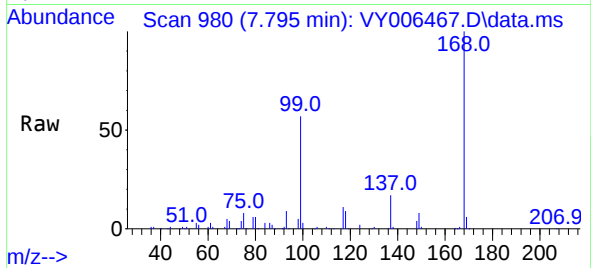




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006467.D
Acq: 25 Oct 2021 15:27

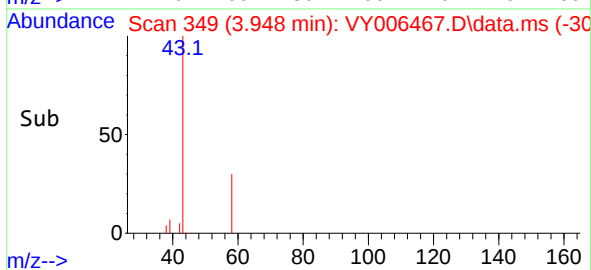
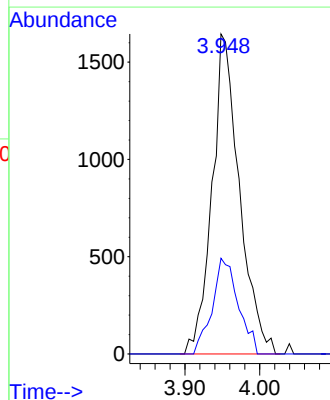
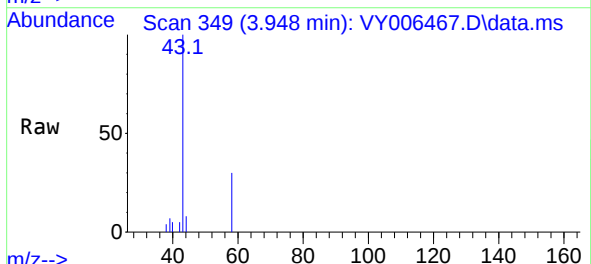
Instrument :
MSVOA_Y
ClientSampleId :
TH-CCD

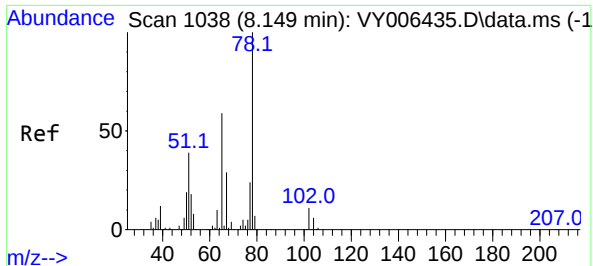
Tgt Ion:168 Resp: 103867
Ion Ratio Lower Upper
168 100
99 56.7 44.8 67.2



#16
Acetone
Concen: 11.382 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY006467.D
Acq: 25 Oct 2021 15:27

Tgt Ion: 43 Resp: 4189
Ion Ratio Lower Upper
43 100
58 29.9 22.9 34.3

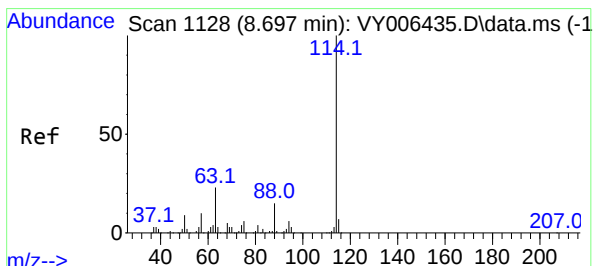
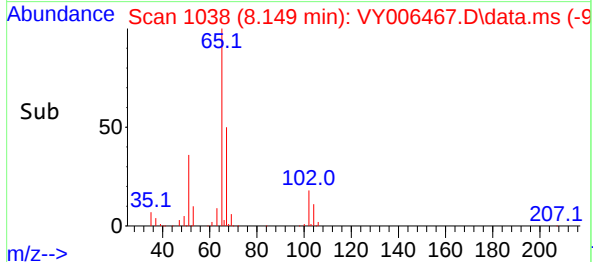
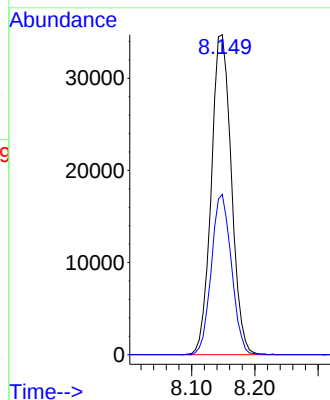
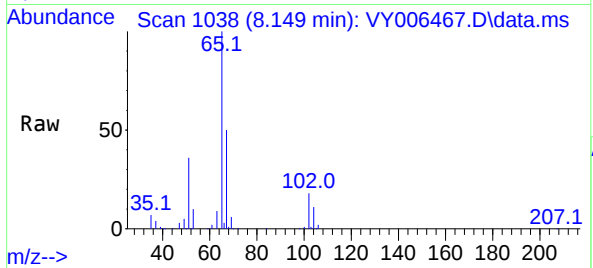




#33
1,2-Dichloroethane-d4
Concen: 59.980 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006467.D
Acq: 25 Oct 2021 15:27

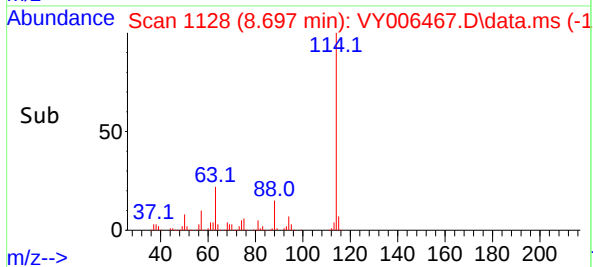
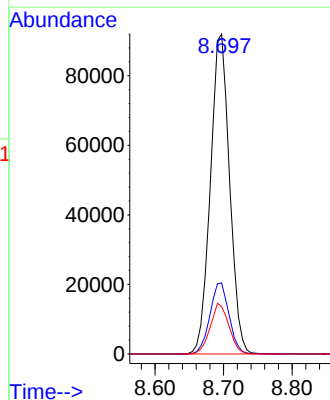
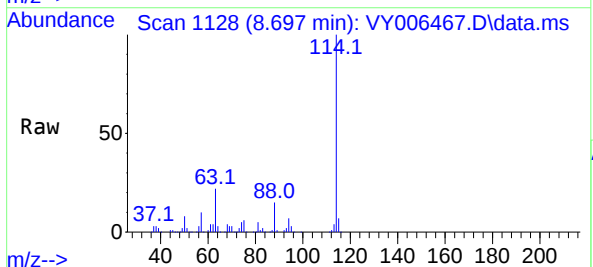
Instrument :
MSVOA_Y
ClientSampleId :
TH-CCD

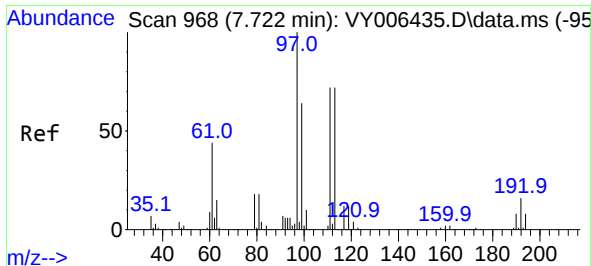
Tgt Ion: 65 Resp: 76664
Ion Ratio Lower Upper
65 100
67 50.0 0.0 98.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY006467.D
Acq: 25 Oct 2021 15:27

Tgt Ion: 114 Resp: 178827
Ion Ratio Lower Upper
114 100
63 22.2 0.0 45.0
88 14.8 0.0 30.6

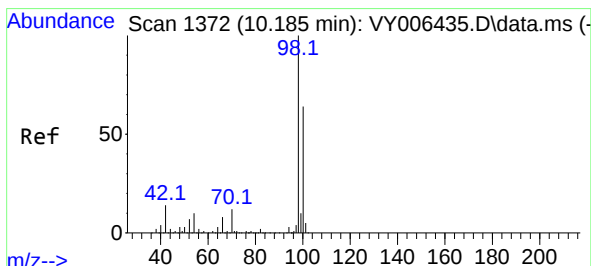
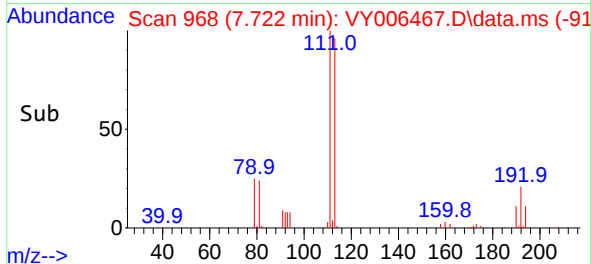
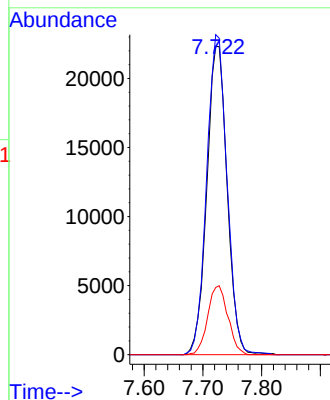
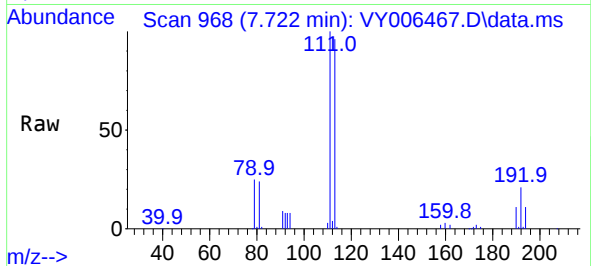




#35
Dibromofluoromethane
Concen: 53.893 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY006467.D
Acq: 25 Oct 2021 15:27

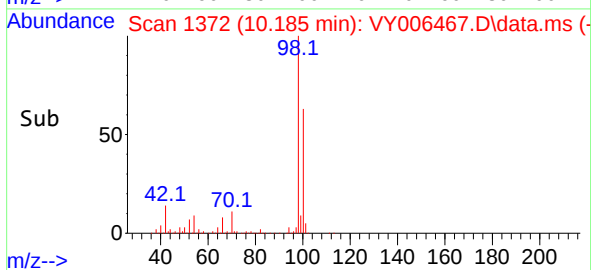
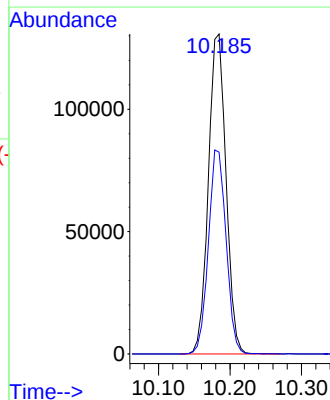
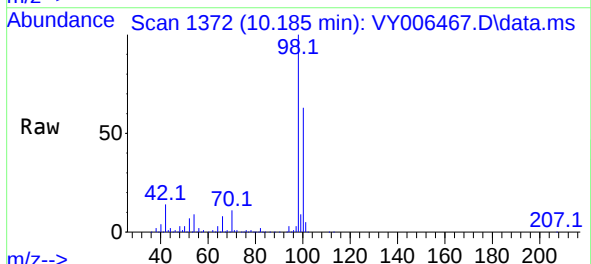
Instrument :
MSVOA_Y
ClientSampleId :
TH-CCD

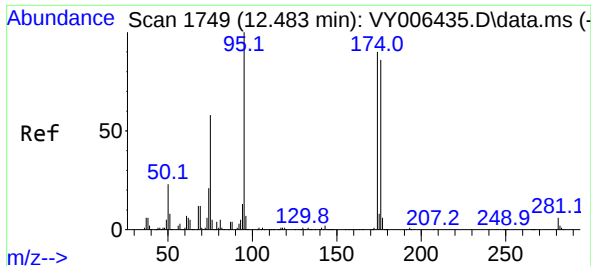
Tgt Ion:113 Resp: 53717
Ion Ratio Lower Upper
113 100
111 103.7 82.3 123.5
192 22.2 17.4 26.2



#50
Toluene-d8
Concen: 53.036 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006467.D
Acq: 25 Oct 2021 15:27

Tgt Ion: 98 Resp: 224094
Ion Ratio Lower Upper
98 100
100 63.9 50.9 76.3



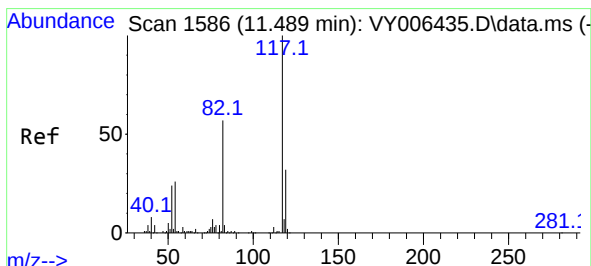
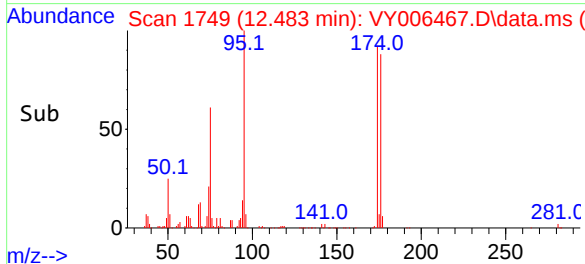
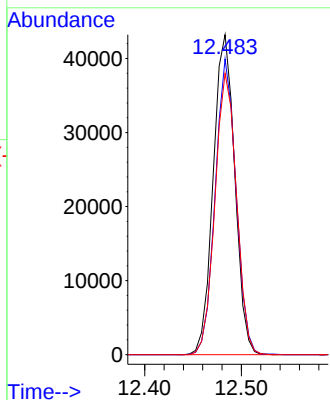
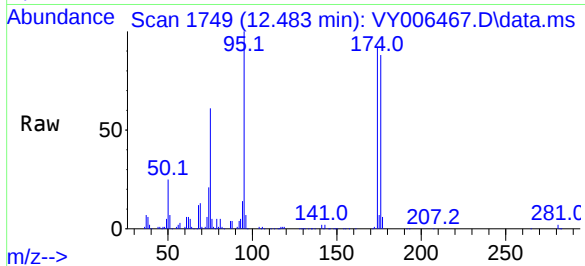


#62
4-Bromofluorobenzene
Concen: 46.919 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006467.D
Acq: 25 Oct 2021 15:27

Instrument :
MSVOA_Y
ClientSampleId :
TH-CCD

Tgt Ion: 95 Resp: 66781

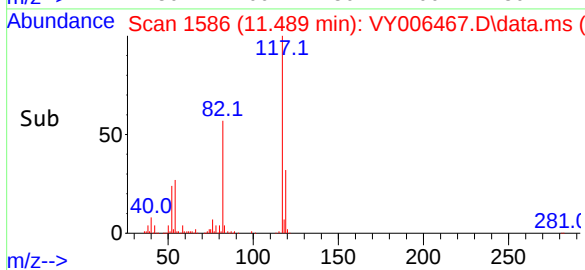
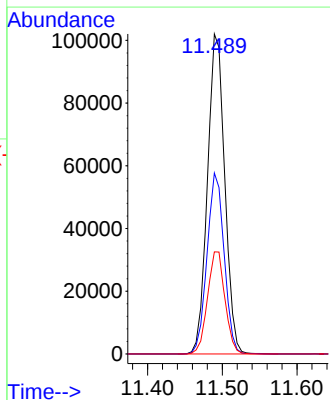
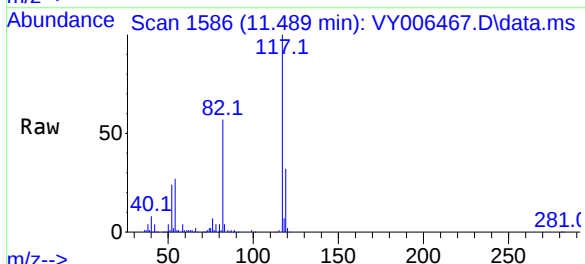
Ion	Ratio	Lower	Upper
95	100		
174	89.5	0.0	177.0
176	87.7	0.0	169.4

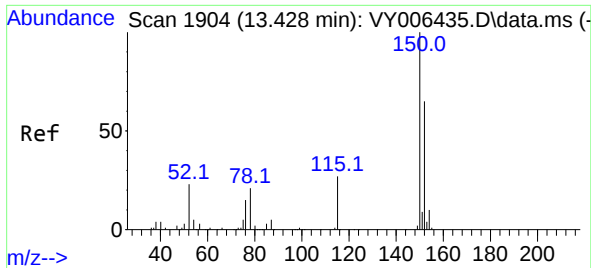


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY006467.D
Acq: 25 Oct 2021 15:27

Tgt Ion: 117 Resp: 164086

Ion	Ratio	Lower	Upper
117	100		
82	56.5	45.7	68.5
119	31.9	25.5	38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY006467.D
 Acq: 25 Oct 2021 15:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 TH-CCD

Tgt Ion:152 Resp: 69850
 Ion Ratio Lower Upper
 152 100
 115 56.7 28.5 85.5
 150 155.3 0.0 348.2

