

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042121\
 Data File : VY004551.D
 Acq On : 21 Apr 2021 13:27
 Operator : SY/MD
 Sample : M2112-01
 Misc : 5.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 M-1

Quant Time: Apr 22 11:16:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

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

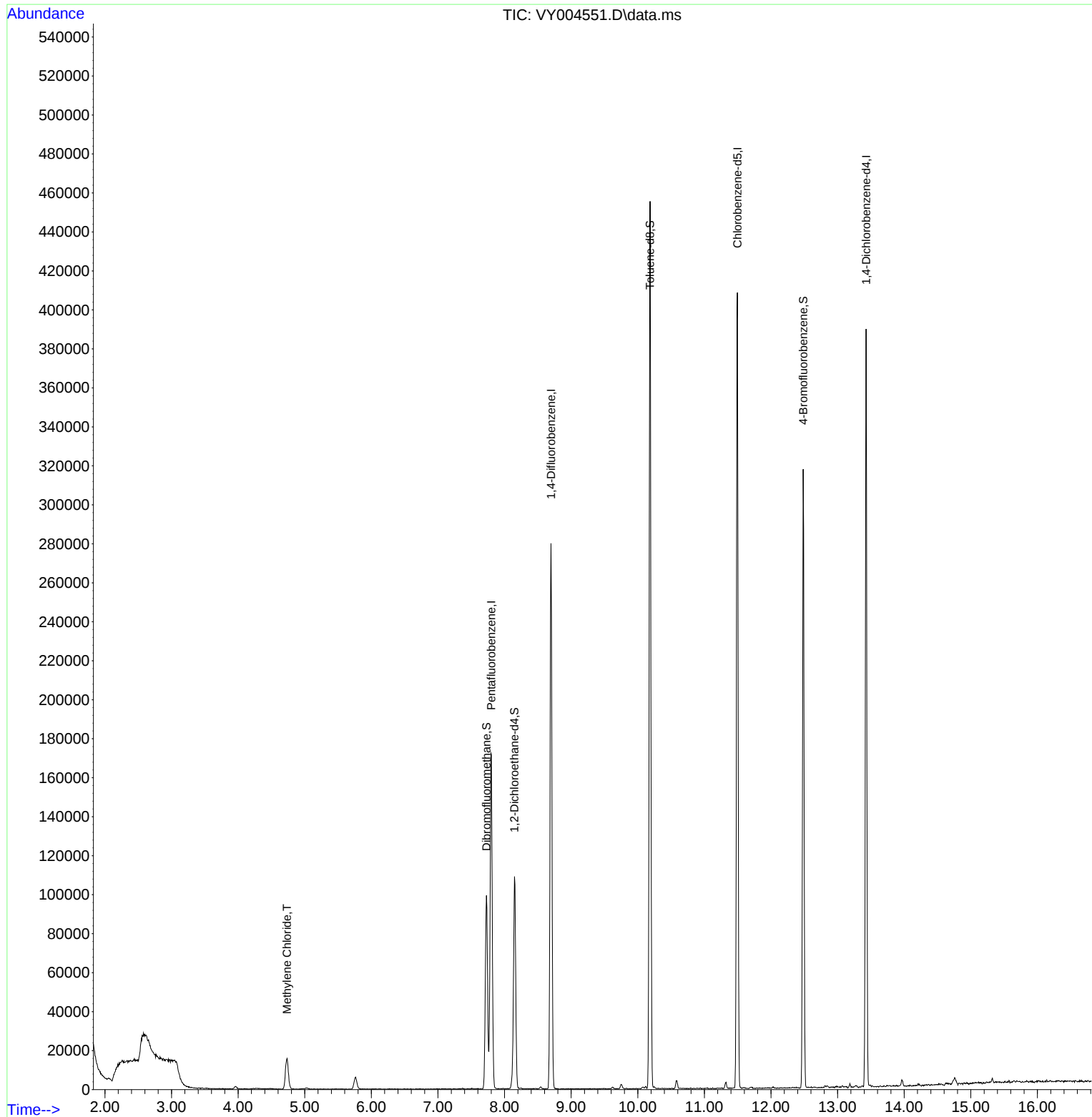
Internal Standards						
1) Pentafluorobenzene	7.801	168	129090	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	225015	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	209840	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	91390	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	82530	57.54	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.08%
35) Dibromofluoromethane	7.728	113	69141	55.37	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.74%
50) Toluene-d8	10.185	98	277364	52.22	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.44%
62) 4-Bromofluorobenzene	12.483	95	91172	50.58	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.16%
Target Compounds						Qvalue
20) Methylene Chloride	4.735	84	11191	8.08	ug/l	95

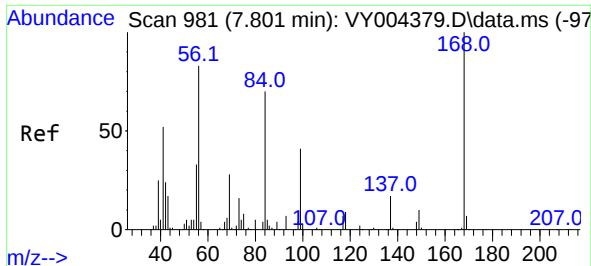
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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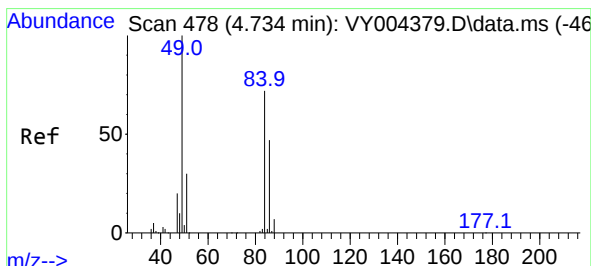
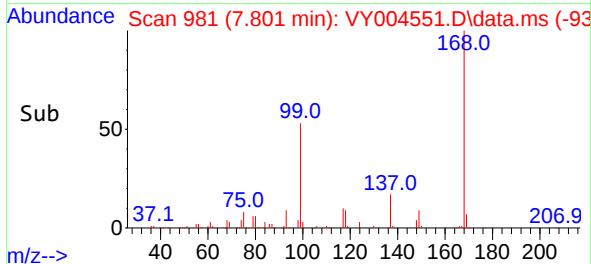
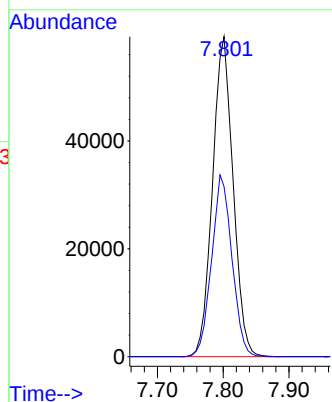
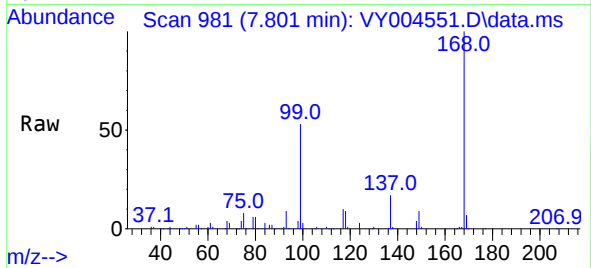




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004551.D
Acq: 21 Apr 2021 13:27

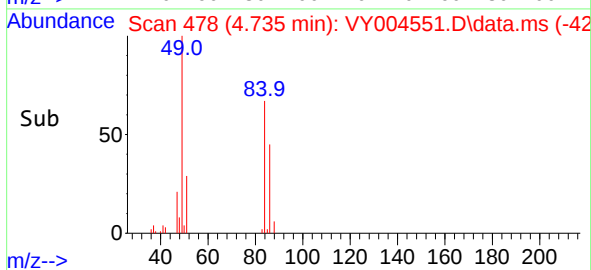
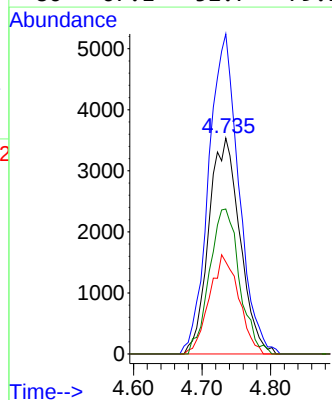
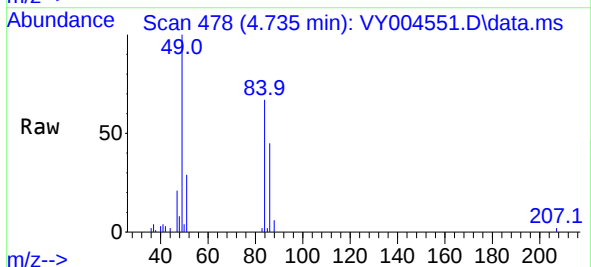
Instrument :
MSVOA_Y
ClientSampleId :
M-1

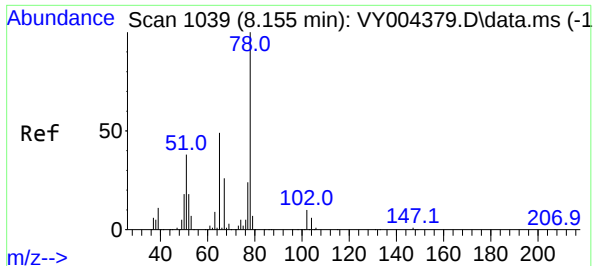
Tgt Ion:168 Resp: 129090
Ion Ratio Lower Upper
168 100
99 53.1 45.5 68.3



#20
Methylene Chloride
Concen: 8.08 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.000 min
Lab File: VY004551.D
Acq: 21 Apr 2021 13:27

Tgt Ion: 84 Resp: 11191
Ion Ratio Lower Upper
84 100
49 148.2 111.2 166.8
51 42.6 33.4 50.2
86 67.1 52.7 79.1

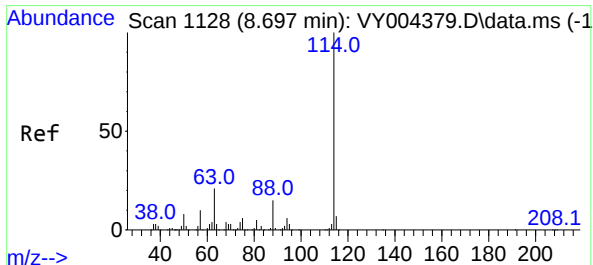
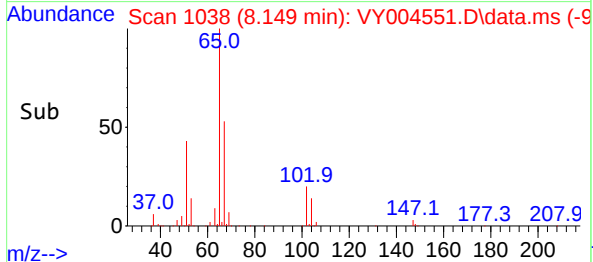
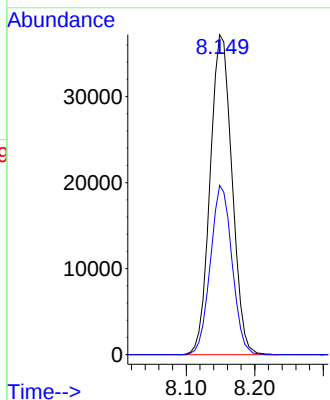
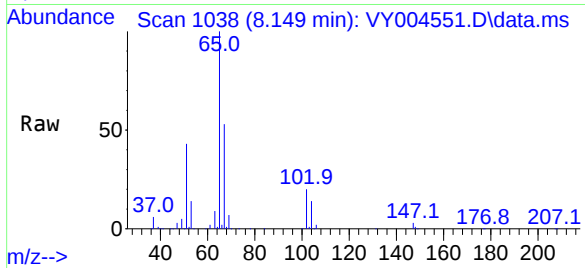




#33
1,2-Dichloroethane-d4
Concen: 57.54 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004551.D
Acq: 21 Apr 2021 13:27

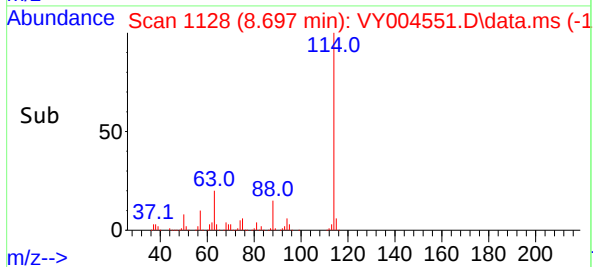
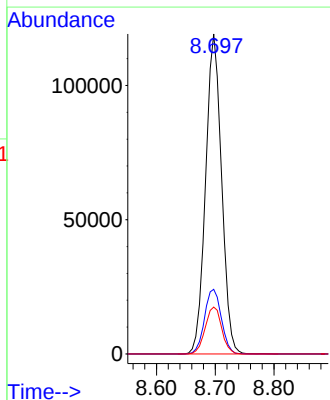
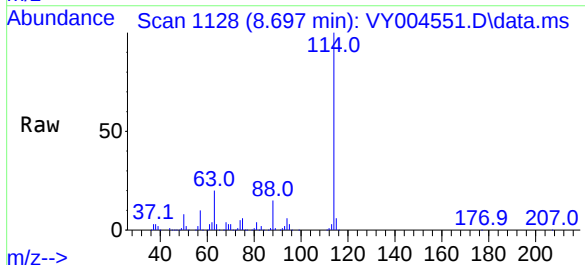
Instrument :
MSVOA_Y
ClientSampleId :
M-1

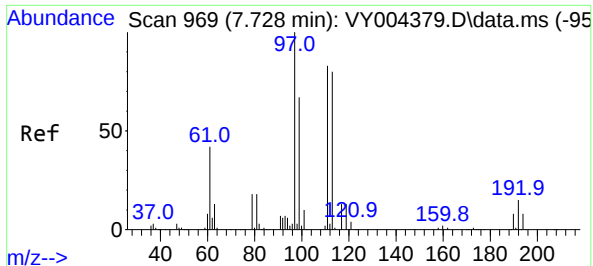
Tgt Ion: 65 Resp: 82530
Ion Ratio Lower Upper
65 100
67 52.3 0.0 106.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004551.D
Acq: 21 Apr 2021 13:27

Tgt Ion:114 Resp: 225015
Ion Ratio Lower Upper
114 100
63 20.2 0.0 42.4
88 14.7 0.0 30.8



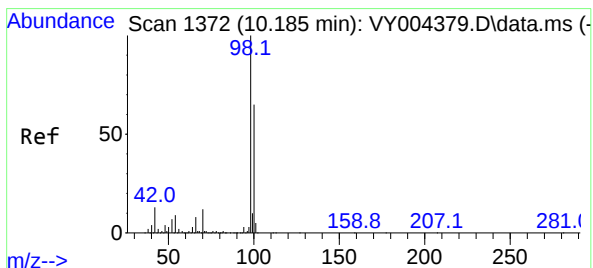
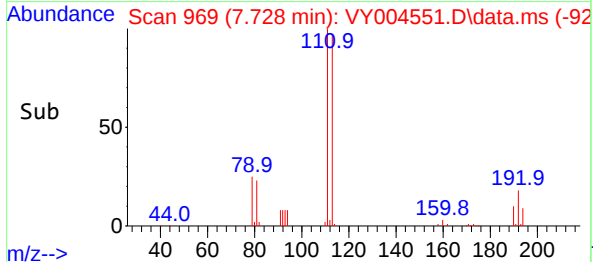
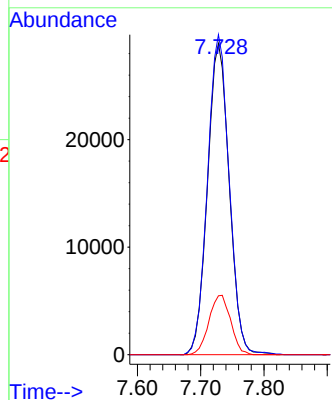
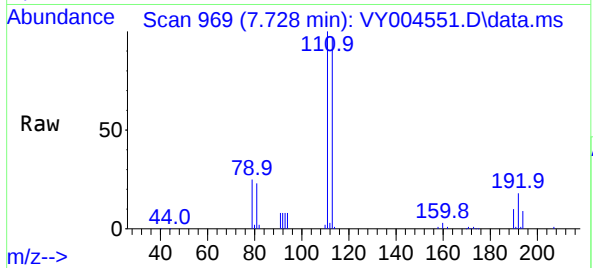


#35
Dibromofluoromethane
Concen: 55.37 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004551.D
Acq: 21 Apr 2021 13:27

Instrument :
MSVOA_Y
ClientSampleId :
M-1

Tgt Ion: 113 Resp: 69141

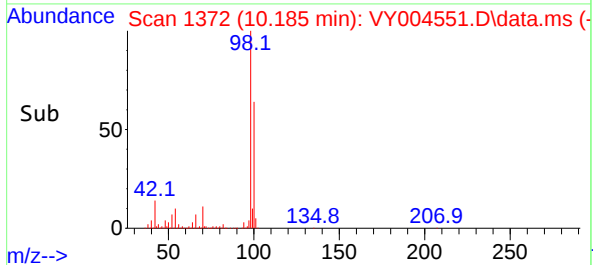
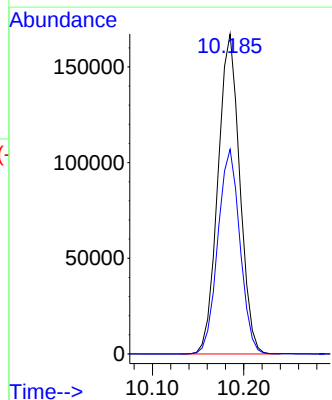
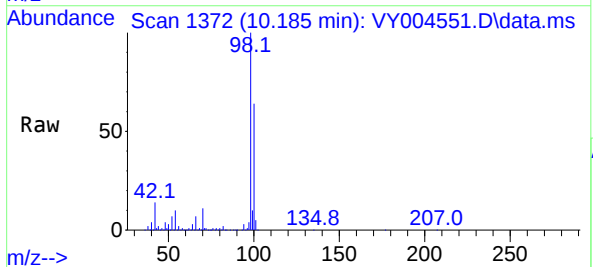
Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.6	123.8
192	19.0	16.1	24.1

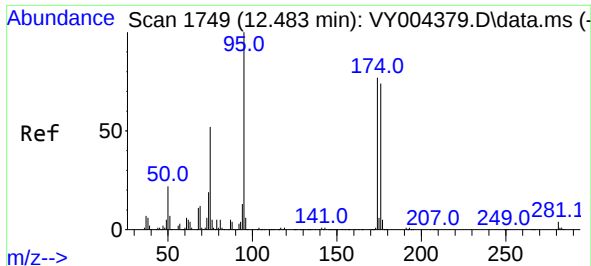


#50
Toluene-d8
Concen: 52.22 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004551.D
Acq: 21 Apr 2021 13:27

Tgt Ion: 98 Resp: 277364

Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.8	77.6

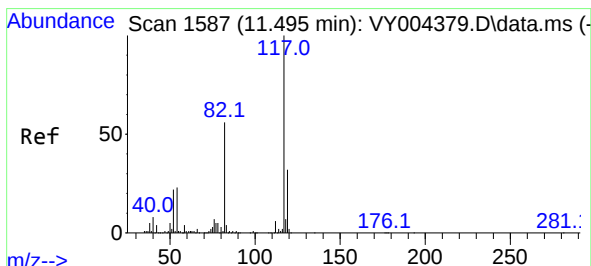
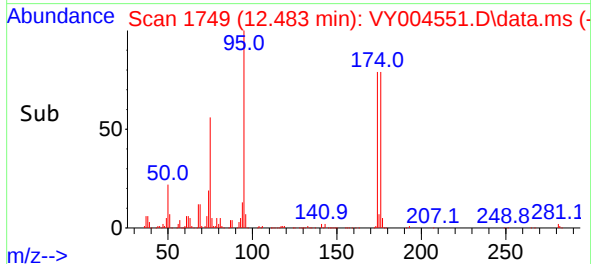
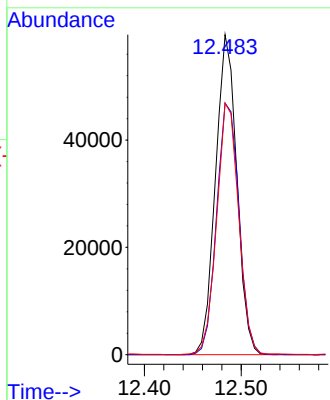
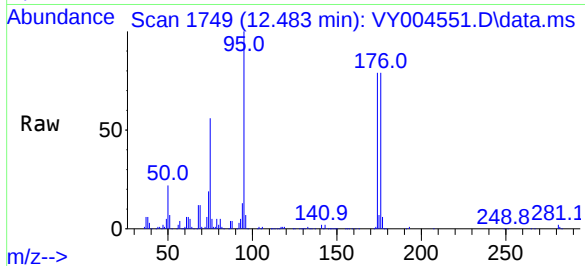




#62
4-Bromofluorobenzene
Concen: 50.58 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004551.D
Acq: 21 Apr 2021 13:27

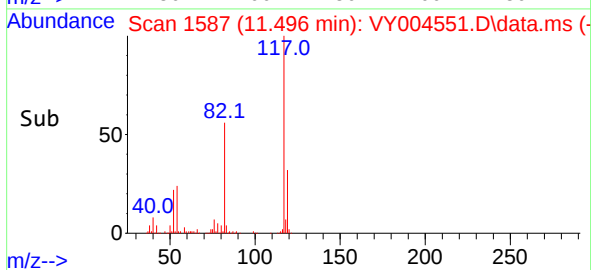
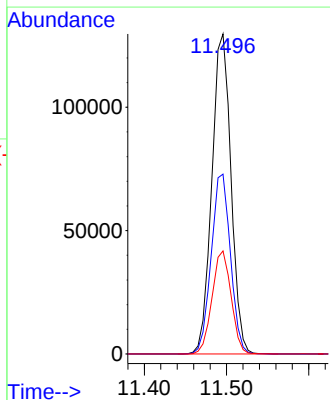
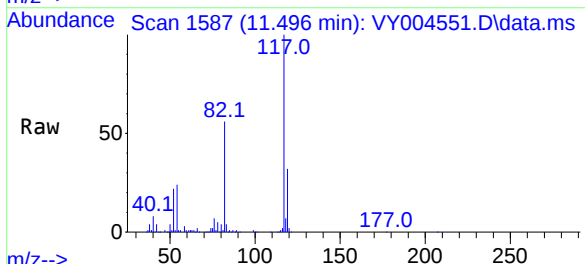
Instrument :
MSVOA_Y
ClientSampleId :
M-1

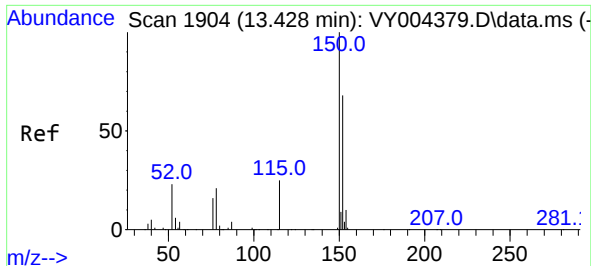
Tgt Ion:	95	Resp:	91172
Ion Ratio	Lower	Upper	
95	100		
174	82.6	0.0	162.4
176	81.3	0.0	156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004551.D
Acq: 21 Apr 2021 13:27

Tgt Ion:	117	Resp:	209840
Ion Ratio	Lower	Upper	
117	100		
82	56.2	44.9	67.3
119	32.2	25.4	38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY004551.D
 Acq: 21 Apr 2021 13:27

Instrument :
 MSVOA_Y
 ClientSampled :
 M-1

Tgt Ion:152 Resp: 91390
 Ion Ratio Lower Upper
 152 100
 115 57.5 29.6 88.8
 150 157.5 0.0 348.4

