

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110521\
 Data File : VY006652.D
 Acq On : 05 Nov 2021 13:16
 Operator : SY/MD
 Sample : M4498-01
 Misc : 5.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 06 20:37:58 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)

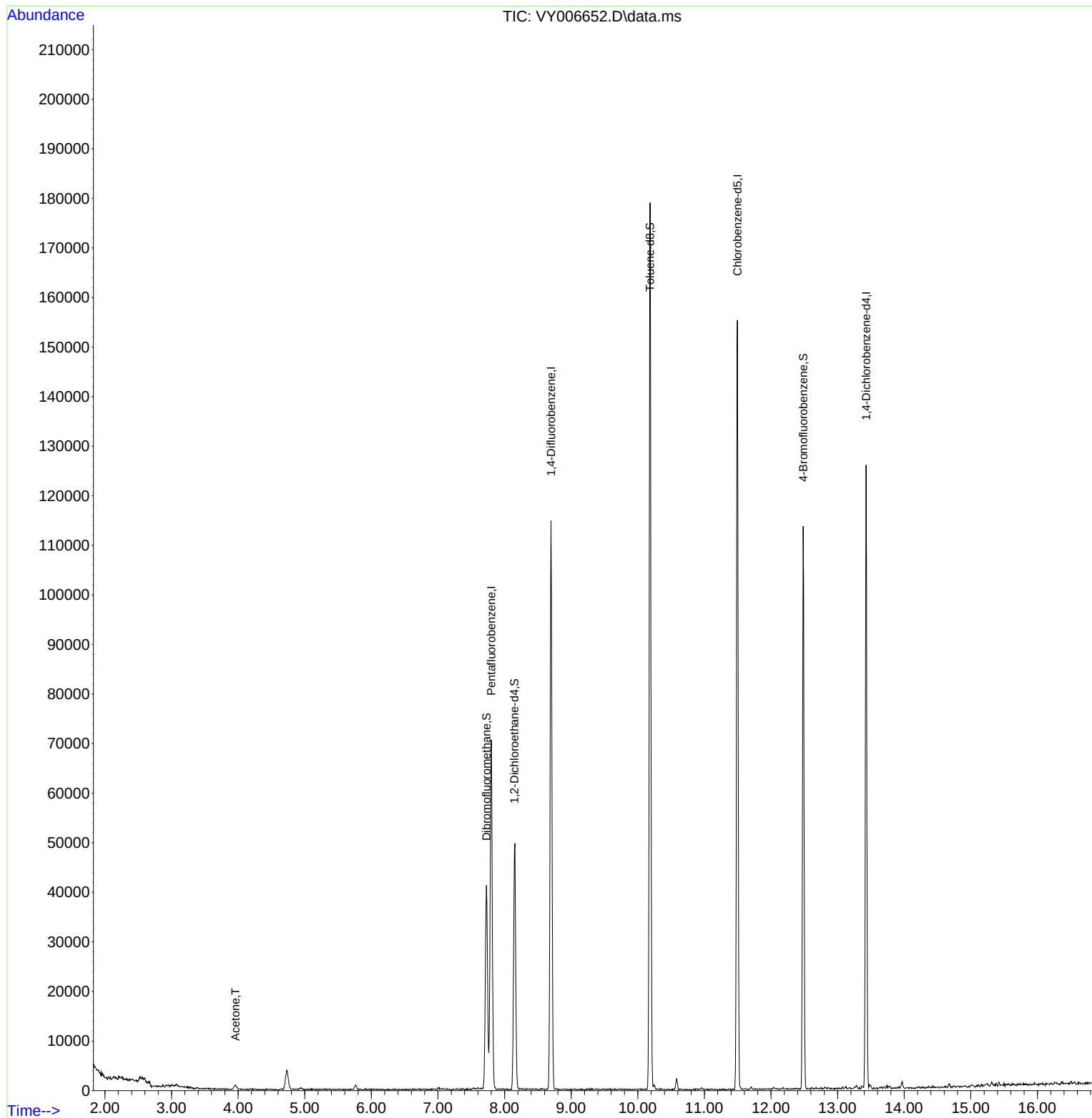
Internal Standards						
1) Pentafluorobenzene	7.801	168	51342	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	87382	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	80521	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	28508	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	39317	62.230	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.460%	
35) Dibromofluoromethane	7.728	113	27604	56.677	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.360%	
50) Toluene-d8	10.185	98	110666	53.600	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.200%	
62) 4-Bromofluorobenzene	12.483	95	32122	46.186	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 92.380%	
Target Compounds						
16) Acetone	3.960	43	1689	9.284	ug/l	Qvalue 95

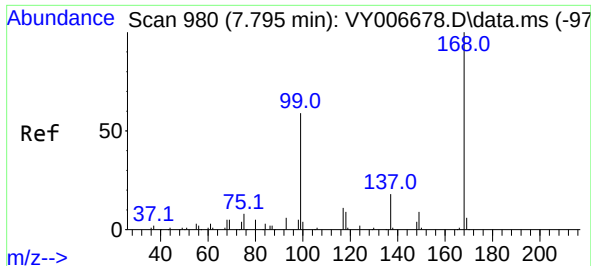
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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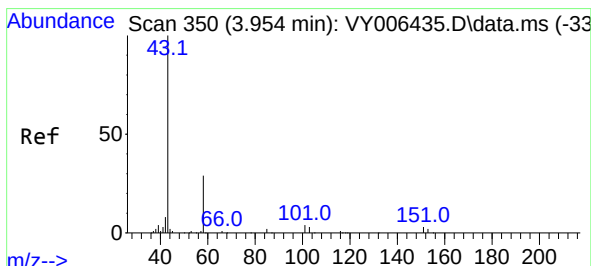
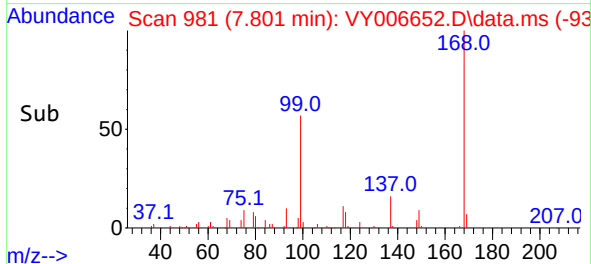
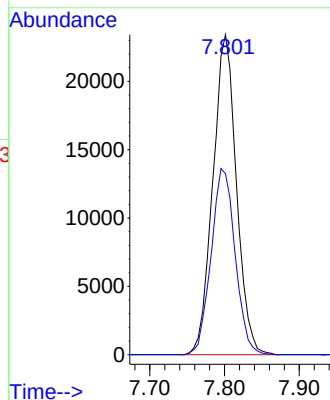
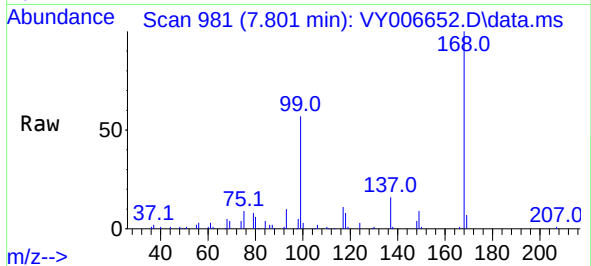




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY006652.D
Acq: 05 Nov 2021 13:16

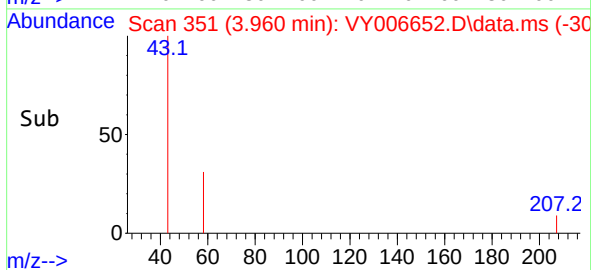
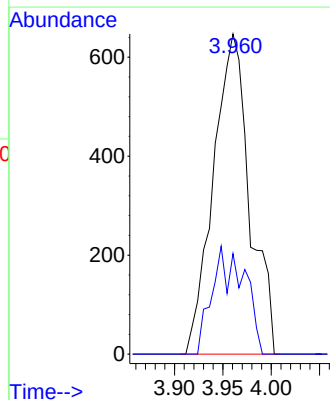
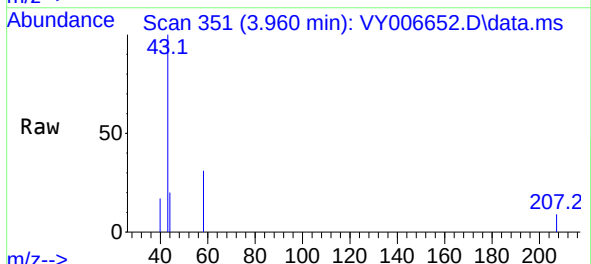
Instrument :
MSVOA_Y
ClientSampleId :

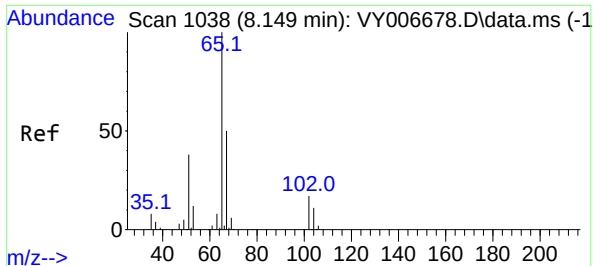
Tgt Ion:168 Resp: 51342
Ion Ratio Lower Upper
168 100
99 56.5 44.8 67.2



#16
Acetone
Concen: 9.284 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY006652.D
Acq: 05 Nov 2021 13:16

Tgt Ion: 43 Resp: 1689
Ion Ratio Lower Upper
43 100
58 31.4 22.9 34.3

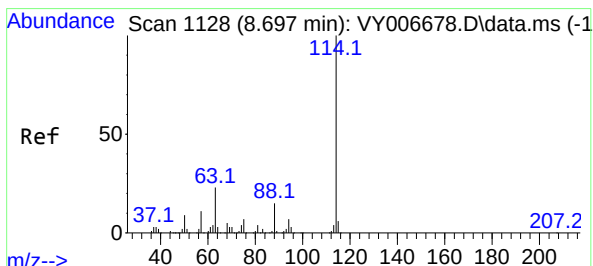
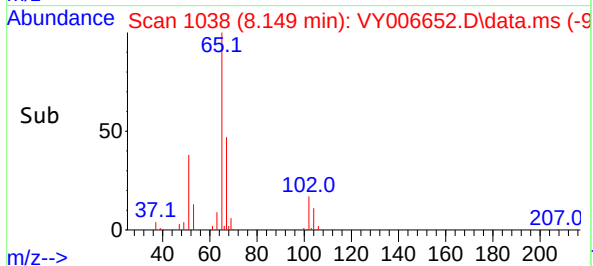
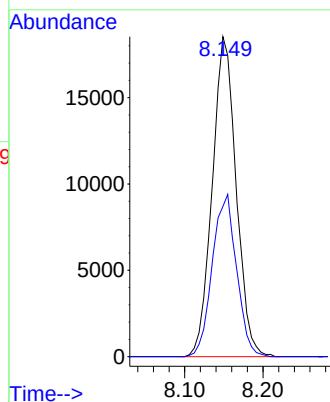
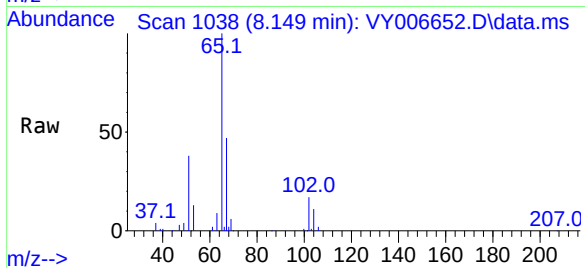




#33
1,2-Dichloroethane-d4
Concen: 62.230 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006652.D
Acq: 05 Nov 2021 13:16

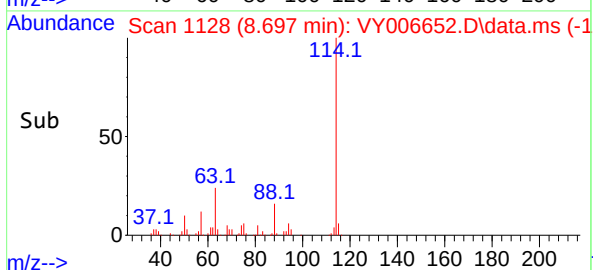
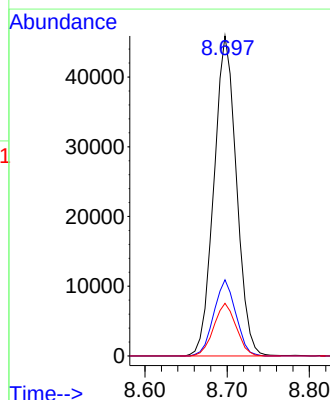
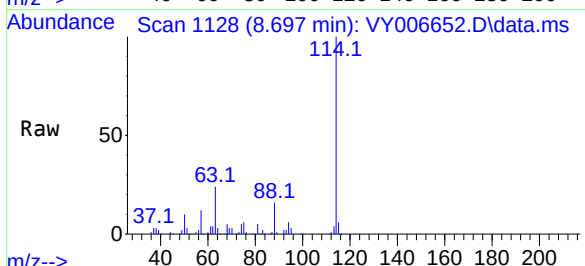
Instrument :
MSVOA_Y
ClientSampleId :

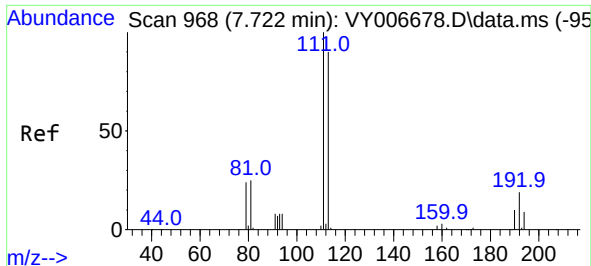
Tgt Ion: 65 Resp: 39317
Ion Ratio Lower Upper
65 100
67 51.3 0.0 98.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006652.D
Acq: 05 Nov 2021 13:16

Tgt Ion: 114 Resp: 87382
Ion Ratio Lower Upper
114 100
63 23.8 0.0 45.0
88 16.5 0.0 30.6

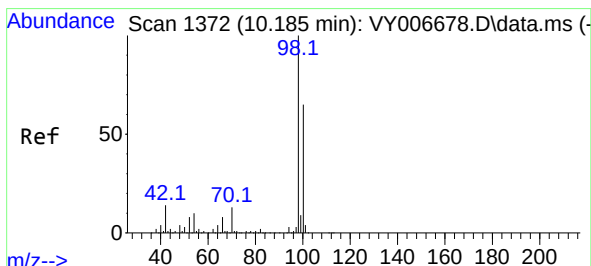
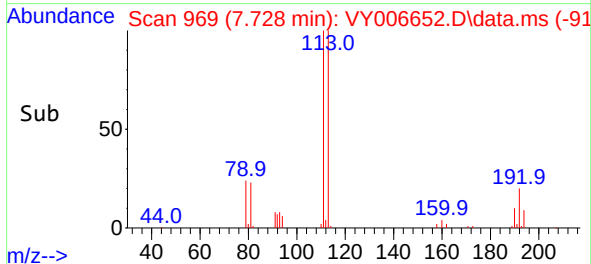
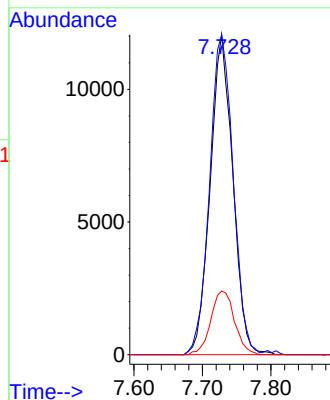
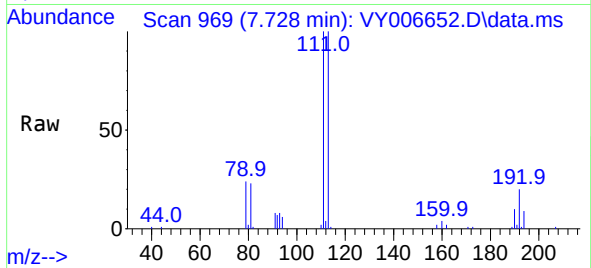




#35
Dibromofluoromethane
Concen: 56.677 ug/l
RT: 7.728 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY006652.D
Acq: 05 Nov 2021 13:16

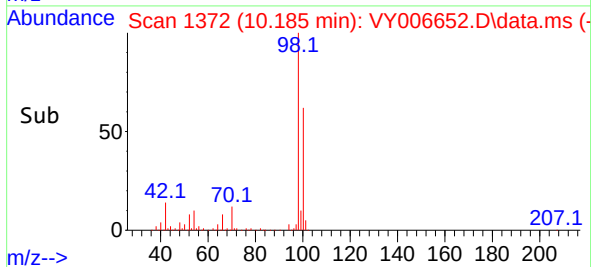
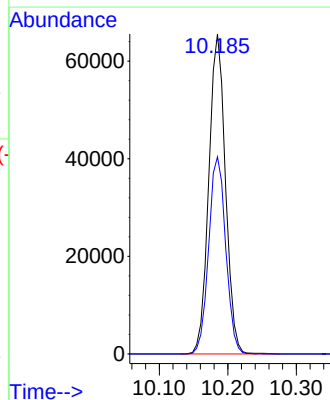
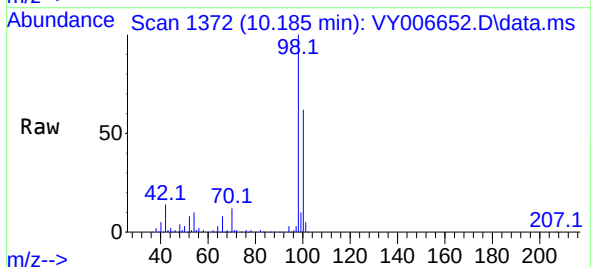
Instrument :
MSVOA_Y
ClientSampleId :

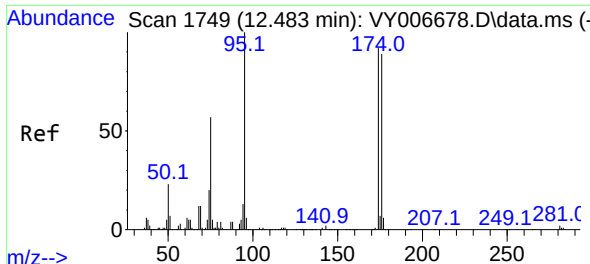
Tgt Ion:113 Resp: 27604
Ion Ratio Lower Upper
113 100
111 104.2 82.3 123.5
192 20.8 17.4 26.2



#50
Toluene-d8
Concen: 53.600 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006652.D
Acq: 05 Nov 2021 13:16

Tgt Ion: 98 Resp: 110666
Ion Ratio Lower Upper
98 100
100 63.0 50.9 76.3

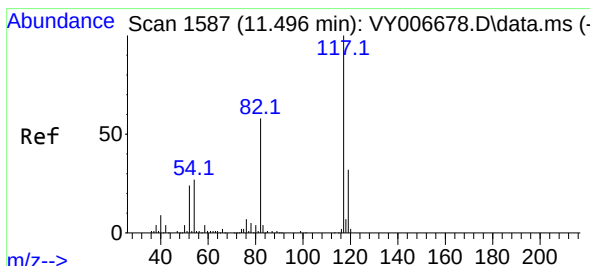
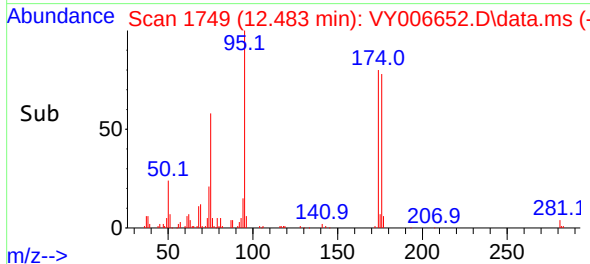
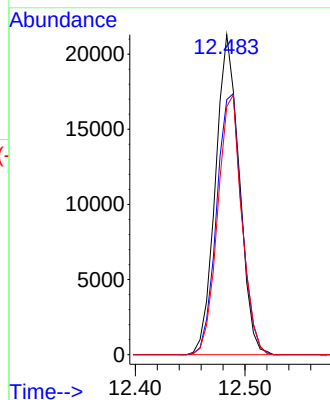
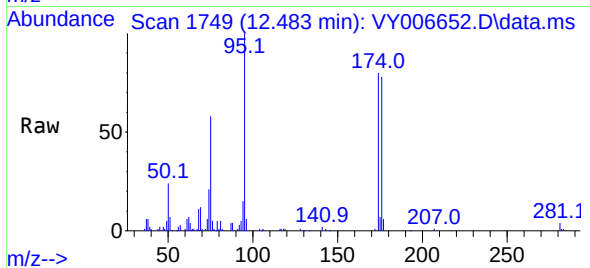




#62
4-Bromofluorobenzene
Concen: 46.186 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY006652.D
Acq: 05 Nov 2021 13:16

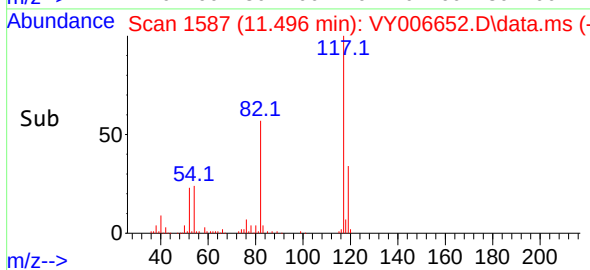
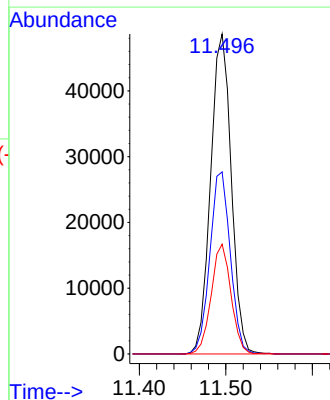
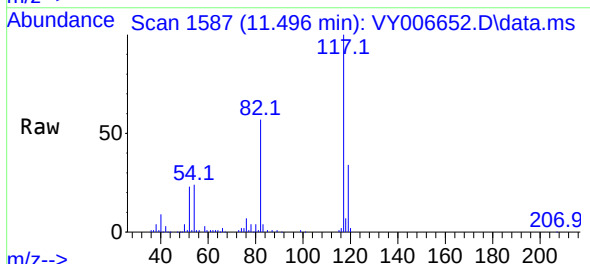
Instrument :
MSVOA_Y
ClientSampleId :

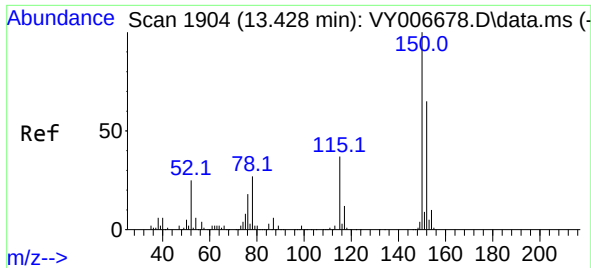
Tgt Ion:	95	Resp:	32122
Ion	Ratio	Lower	Upper
95	100		
174	86.0	0.0	177.0
176	82.1	0.0	169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY006652.D
Acq: 05 Nov 2021 13:16

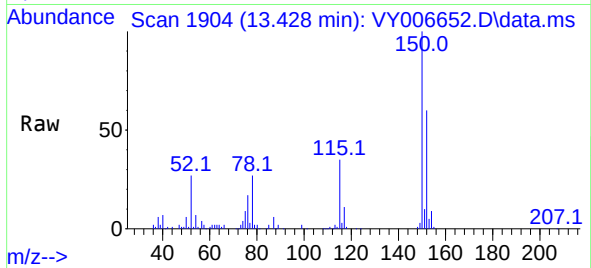
Tgt Ion:	117	Resp:	80521
Ion	Ratio	Lower	Upper
117	100		
82	56.9	45.7	68.5
119	34.3	25.5	38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY006652.D
 Acq: 05 Nov 2021 13:16

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	152	Resp:	28508
Ion	Ratio	Lower	Upper
152	100		
115	57.6	28.5	85.5
150	160.0	0.0	348.2

