

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110421\
 Data File : VY006638.D
 Acq On : 04 Nov 2021 22:35
 Operator : SY/MD
 Sample : M4485-09
 Misc : 5.95G/5ML/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 AG-10

Quant Time: Nov 05 14:04:34 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)

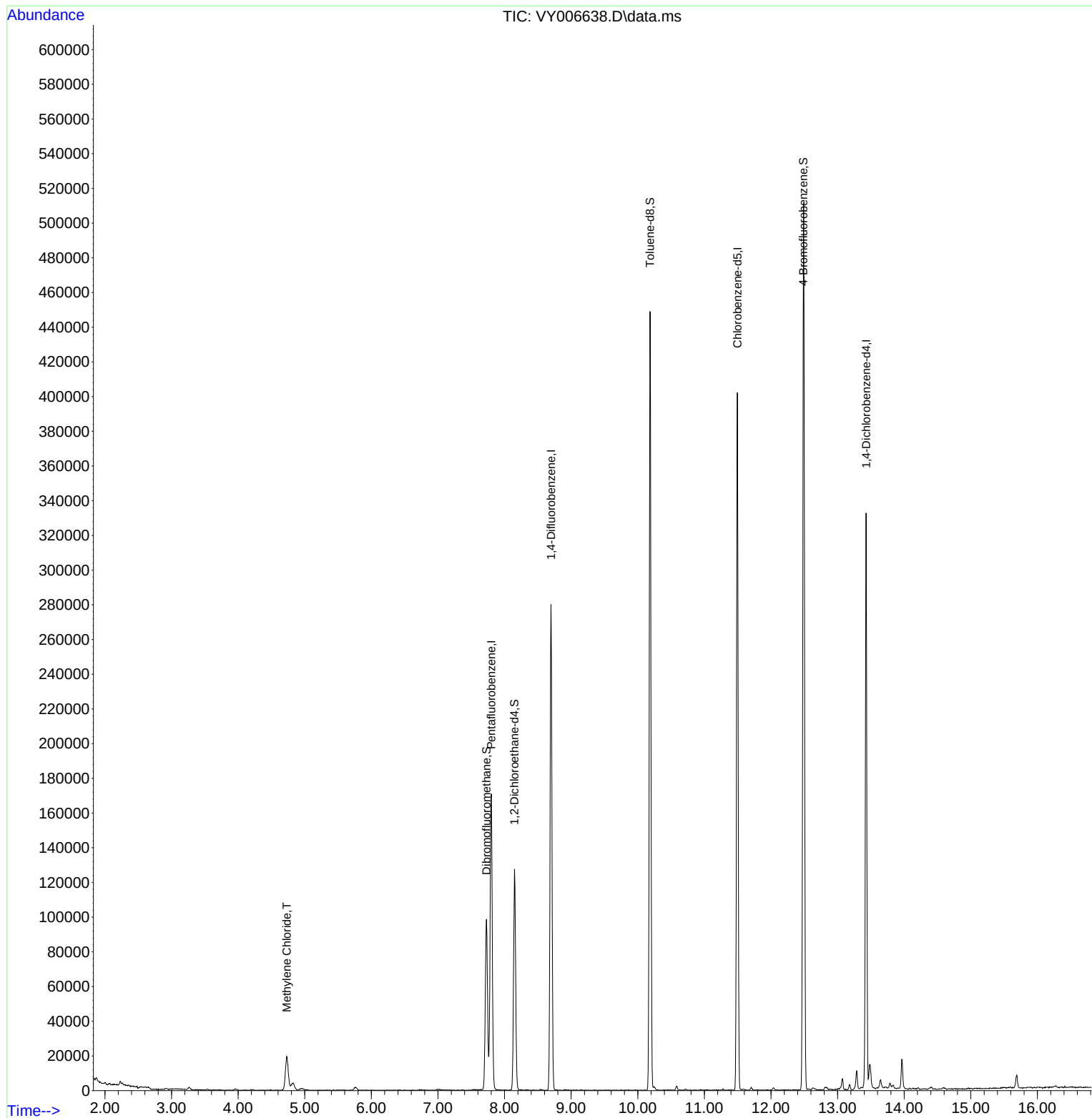
Internal Standards						
1) Pentafluorobenzene	7.801	168	128850	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	217106	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	196196	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	74880	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	98570	62.166	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 124.340%		
35) Dibromofluoromethane	7.728	113	66284	54.776	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 109.560%		
50) Toluene-d8	10.185	98	276221	53.847	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 107.700%		
62) 4-Bromofluorobenzene	12.483	95	84172	48.711	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 97.420%		
Target Compounds						Qvalue
20) Methylene Chloride	4.729	84	12816	5.454	ug/l	96

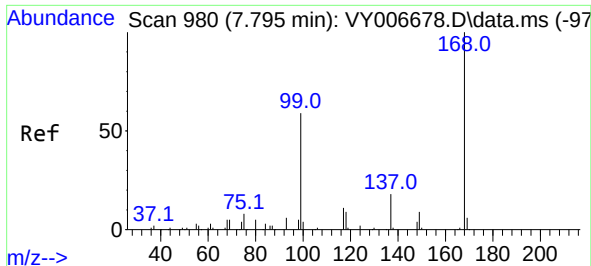
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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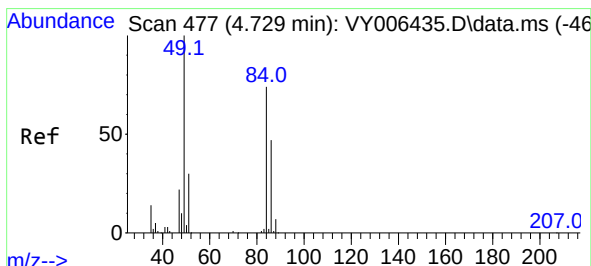
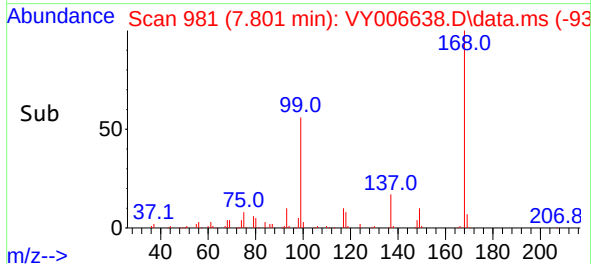
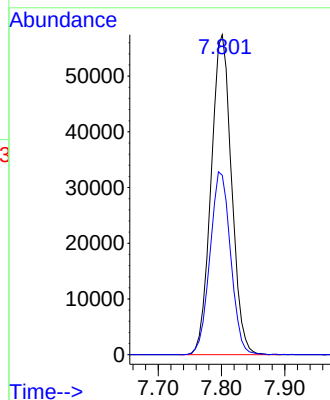
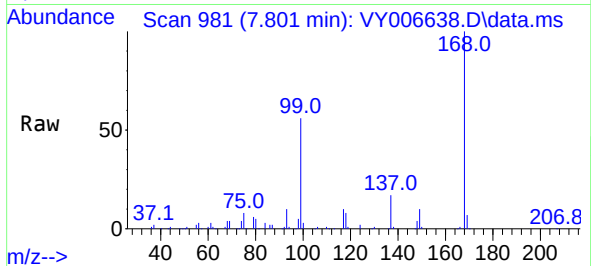




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY006638.D
Acq: 04 Nov 2021 22:35

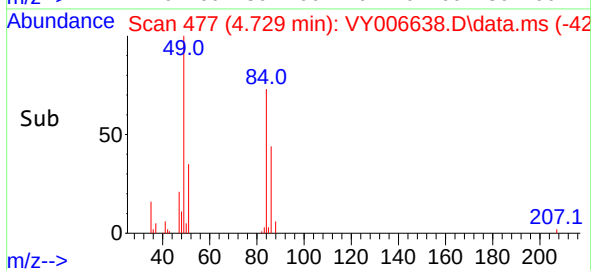
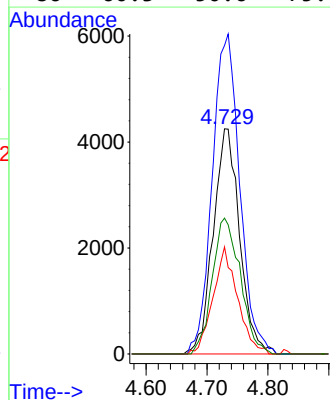
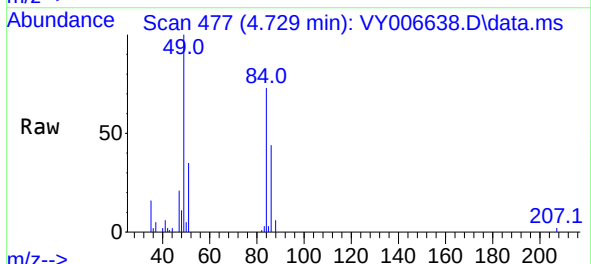
Instrument :
MSVOA_Y
ClientSampleId :
AG-10

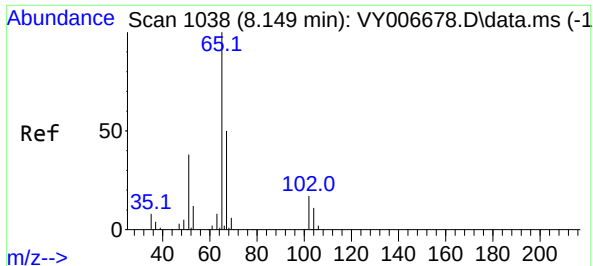
Tgt Ion:168 Resp: 128850
Ion Ratio Lower Upper
168 100
99 56.1 44.8 67.2



#20
Methylene Chloride
Concen: 5.454 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY006638.D
Acq: 04 Nov 2021 22:35

Tgt Ion: 84 Resp: 12816
Ion Ratio Lower Upper
84 100
49 137.0 107.8 161.8
51 47.6 32.8 49.2
86 60.3 50.6 75.8





#33

1,2-Dichloroethane-d4

Concen: 62.166 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY006638.D

Acq: 04 Nov 2021 22:35

Instrument :

MSVOA_Y

ClientSampleId :

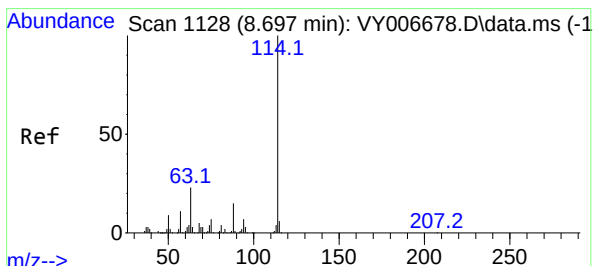
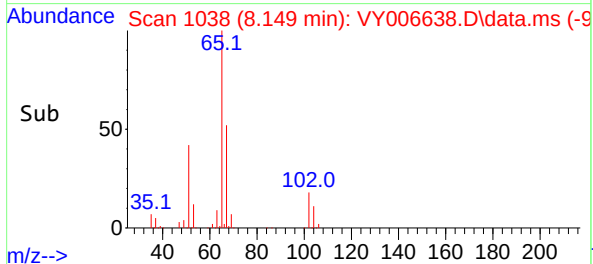
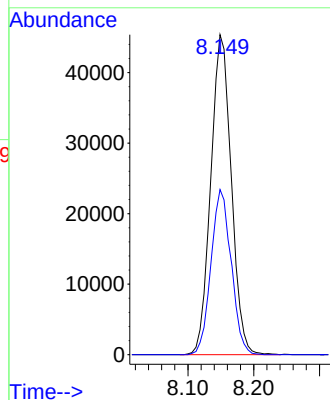
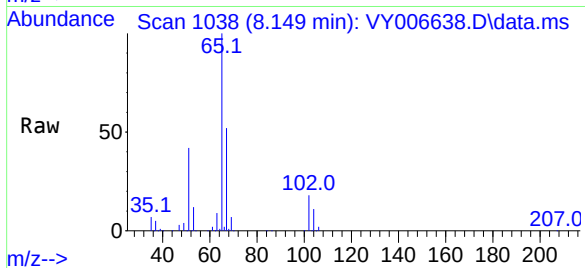
AG-10

Tgt Ion: 65 Resp: 98570

Ion Ratio Lower Upper

65 100

67 50.7 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: VY006638.D

Acq: 04 Nov 2021 22:35

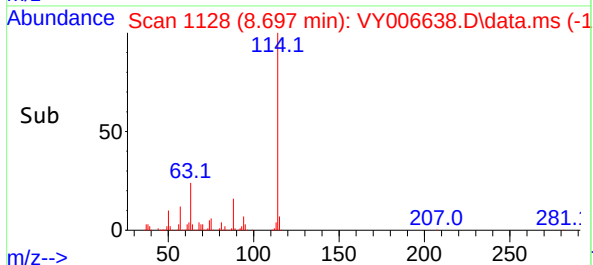
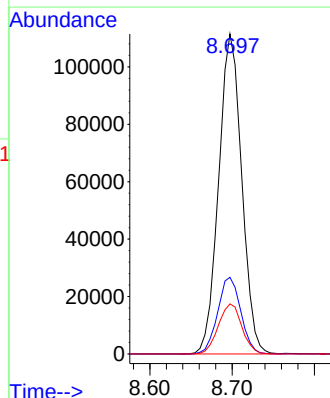
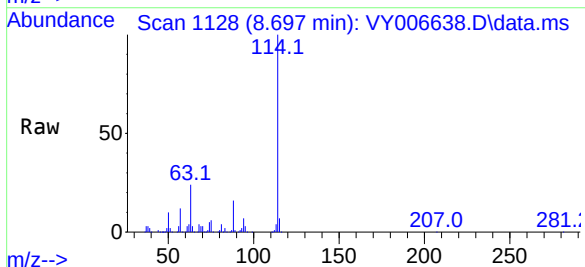
Tgt Ion: 114 Resp: 217106

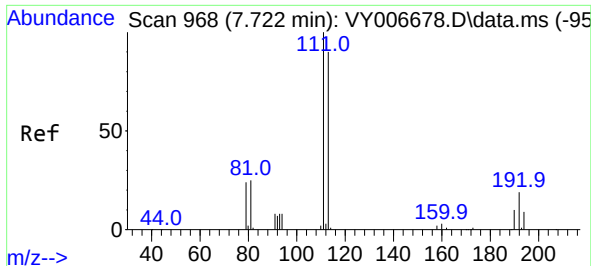
Ion Ratio Lower Upper

114 100

63 24.0 0.0 45.0

88 15.7 0.0 30.6

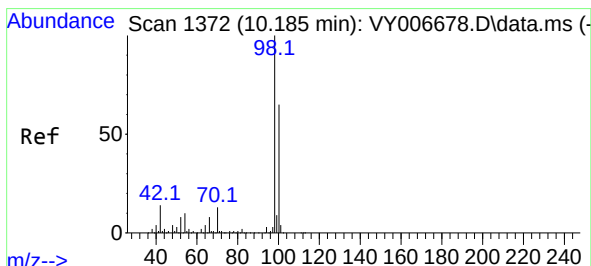
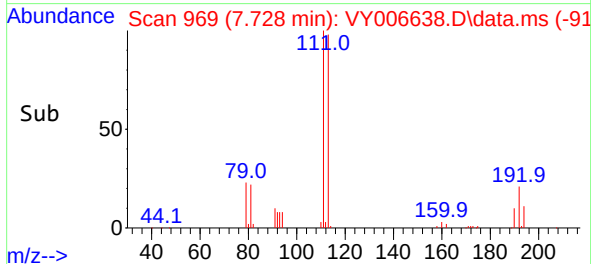
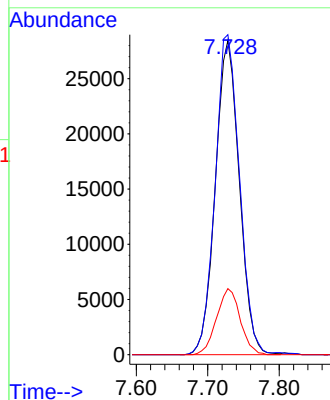
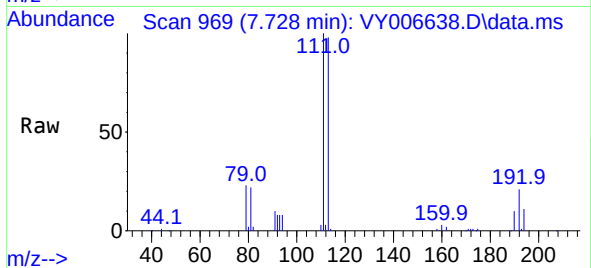




#35
Dibromofluoromethane
Concen: 54.776 ug/l
RT: 7.728 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY006638.D
Acq: 04 Nov 2021 22:35

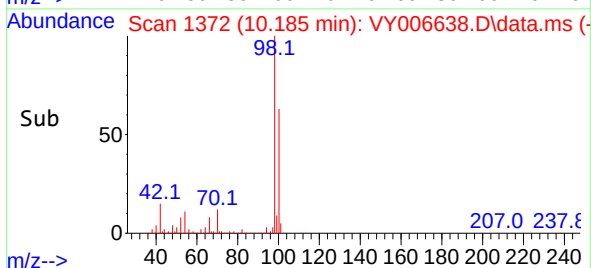
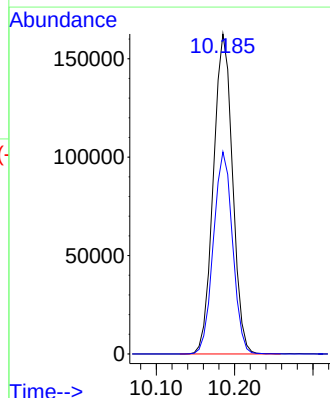
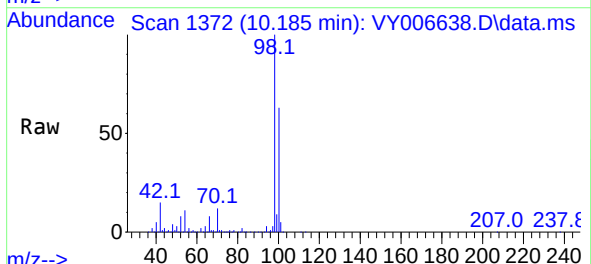
Instrument :
MSVOA_Y
ClientSampleId :
AG-10

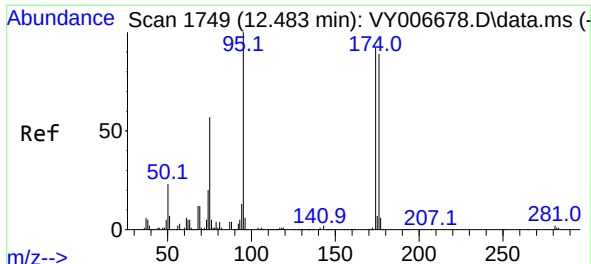
Tgt Ion:113 Resp: 66284
Ion Ratio Lower Upper
113 100
111 103.6 82.3 123.5
192 20.7 17.4 26.2



#50
Toluene-d8
Concen: 53.847 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006638.D
Acq: 04 Nov 2021 22:35

Tgt Ion: 98 Resp: 276221
Ion Ratio Lower Upper
98 100
100 63.2 50.9 76.3

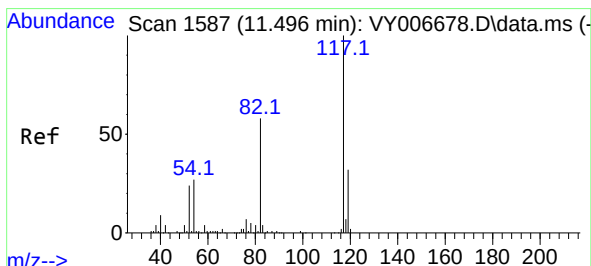
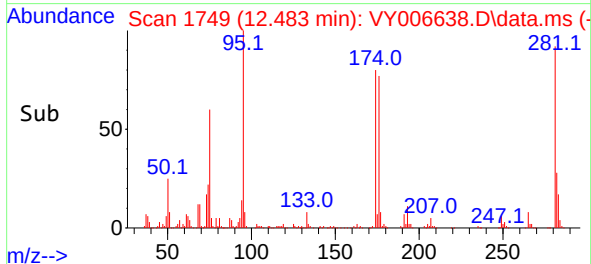
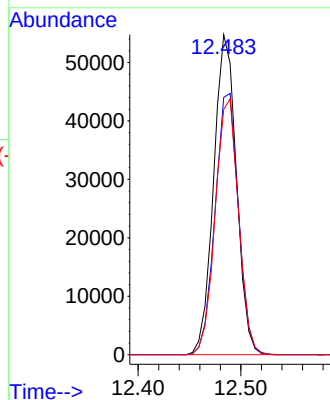
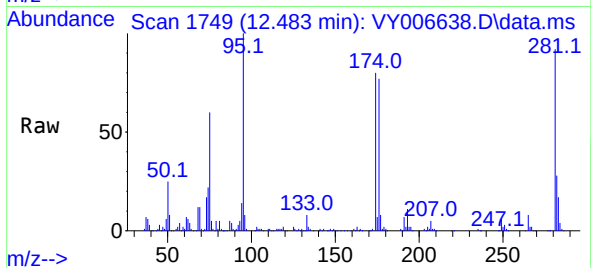




#62
4-Bromofluorobenzene
Concen: 48.711 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY006638.D
Acq: 04 Nov 2021 22:35

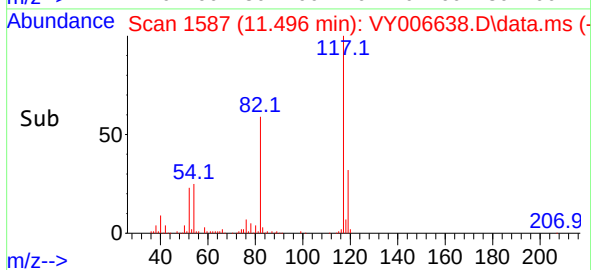
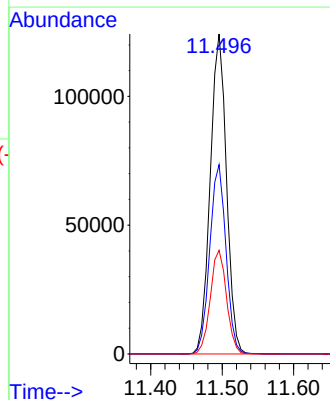
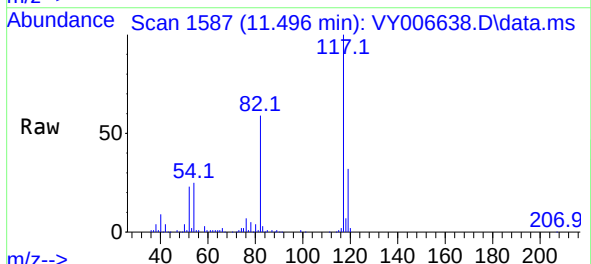
Instrument :
MSVOA_Y
ClientSampleId :
AG-10

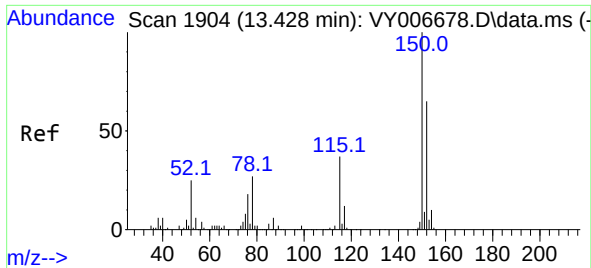
Tgt Ion: 95 Resp: 84172
Ion Ratio Lower Upper
95 100
174 83.6 0.0 177.0
176 81.6 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY006638.D
Acq: 04 Nov 2021 22:35

Tgt Ion: 117 Resp: 196196
Ion Ratio Lower Upper
117 100
82 59.2 45.7 68.5
119 32.4 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: VY006638.D

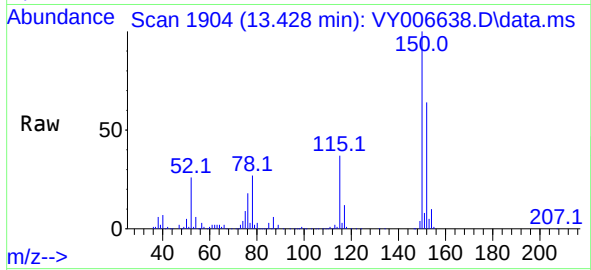
Acq: 04 Nov 2021 22:35

Instrument :

MSVOA_Y

ClientSampleId :

AG-10



Tgt Ion:152 Resp: 74880

Ion Ratio Lower Upper

152 100

115 58.0 28.5 85.5

150 158.6 0.0 348.2

