

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110421\
 Data File : VY006637.D
 Acq On : 04 Nov 2021 22:11
 Operator : SY/MD
 Sample : M4485-08
 Misc : 7.45G/5ML/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 AG-9

Quant Time: Nov 05 14:04:13 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	125037	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	212379	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	192653	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	73694	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	95538	62.092	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.180%	
35) Dibromofluoromethane	7.728	113	65464	55.303	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.600%	
50) Toluene-d8	10.185	98	269761	53.758	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.520%	
62) 4-Bromofluorobenzene	12.483	95	83814	49.583	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 99.160%	

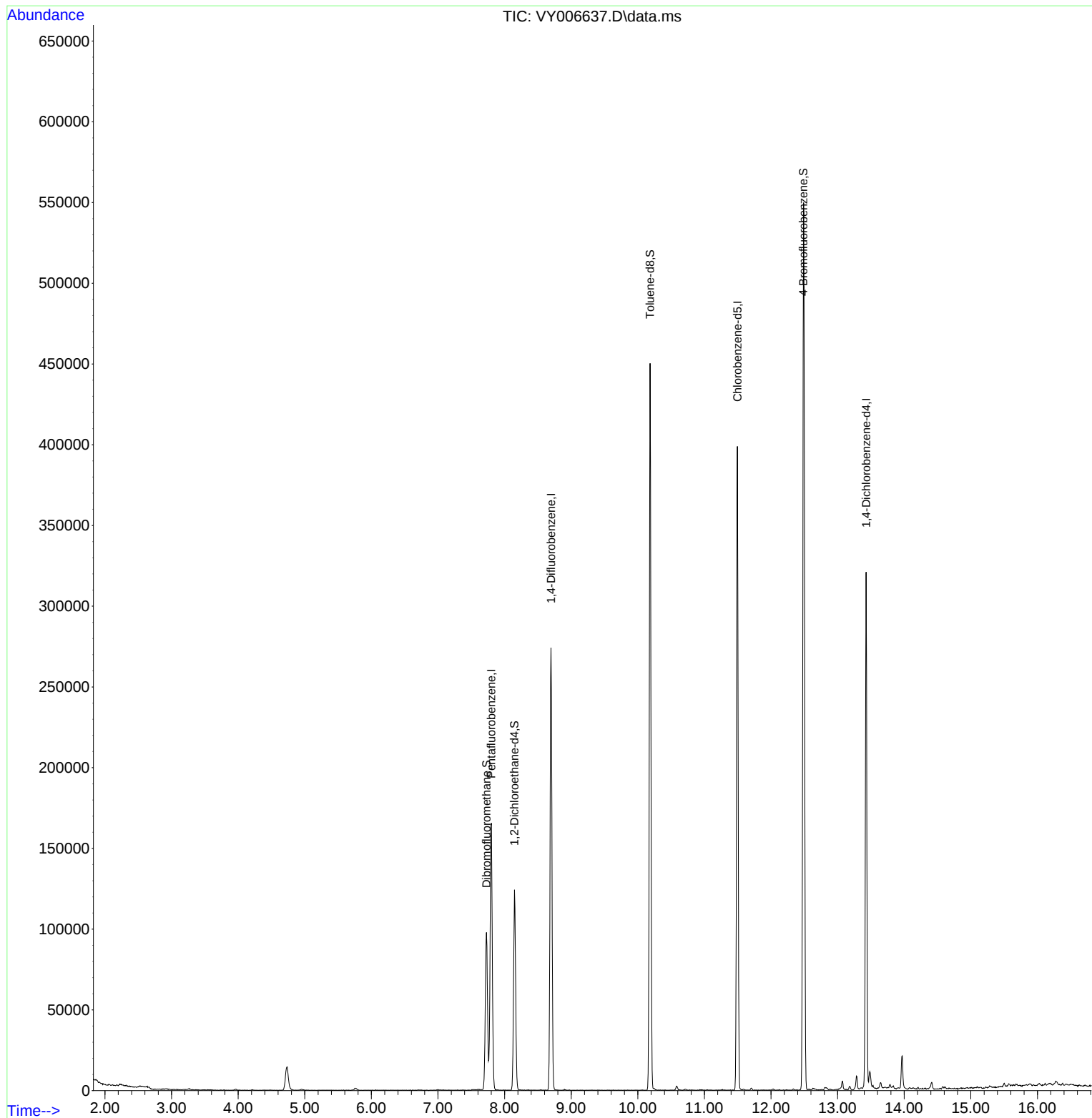
Target Compounds	Qvalue

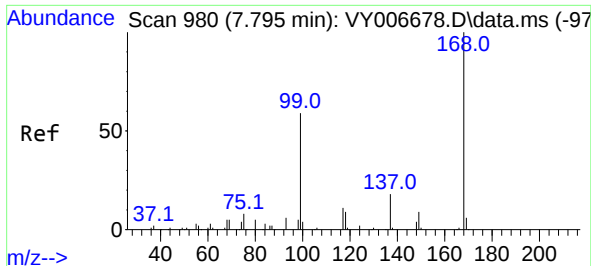
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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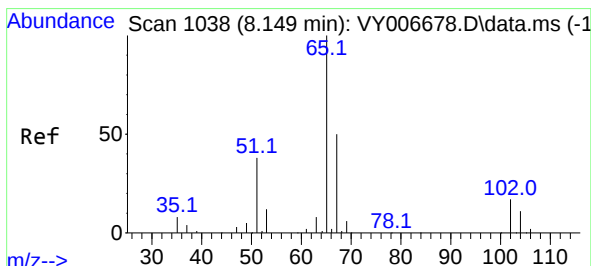
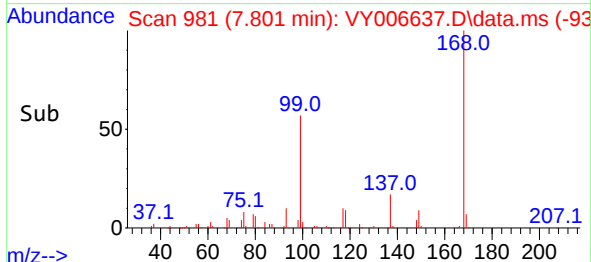
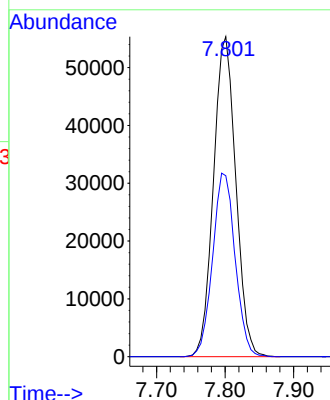
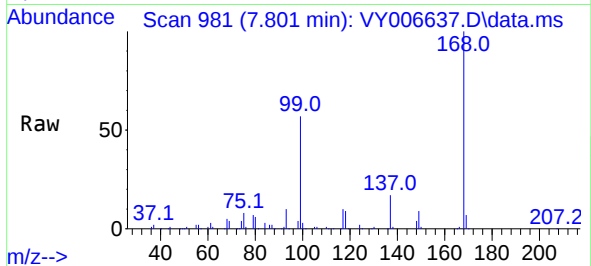




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY006637.D
Acq: 04 Nov 2021 22:11

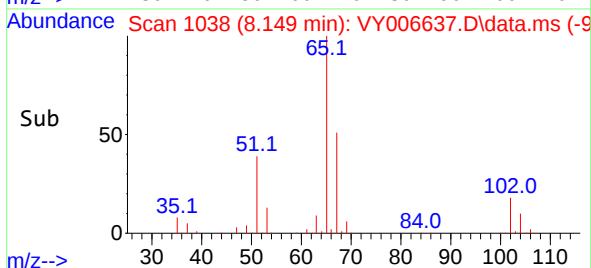
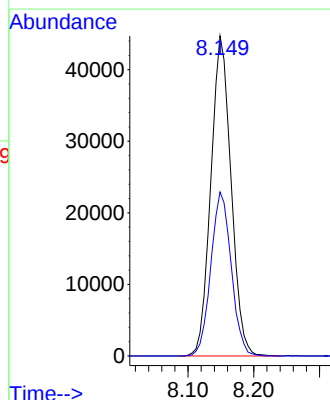
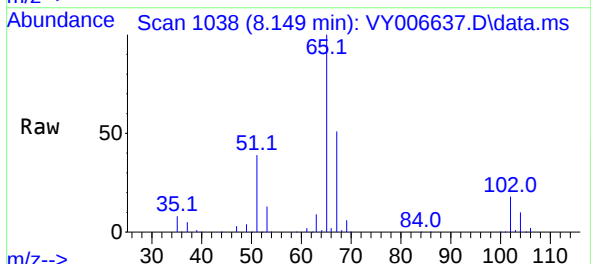
Instrument :
MSVOA_Y
ClientSampleId :
AG-9

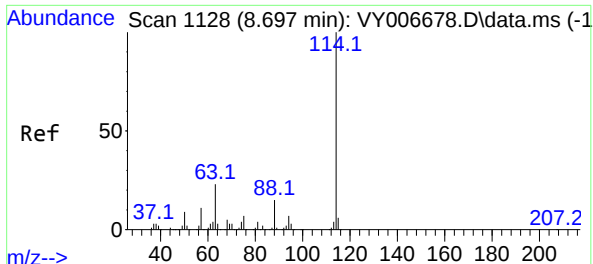
Tgt Ion:168 Resp: 125037
Ion Ratio Lower Upper
168 100
99 56.6 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 62.092 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006637.D
Acq: 04 Nov 2021 22:11

Tgt Ion: 65 Resp: 95538
Ion Ratio Lower Upper
65 100
67 51.6 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: VY006637.D

Acq: 04 Nov 2021 22:11

Instrument :

MSVOA_Y

ClientSampleId :

AG-9

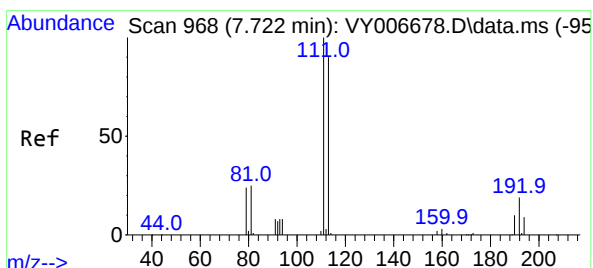
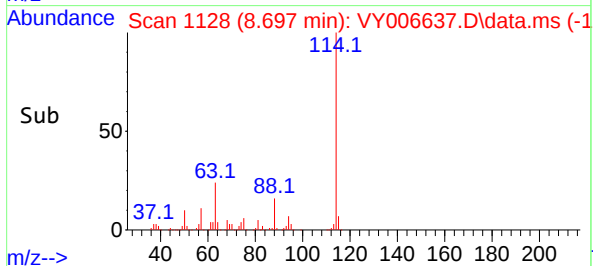
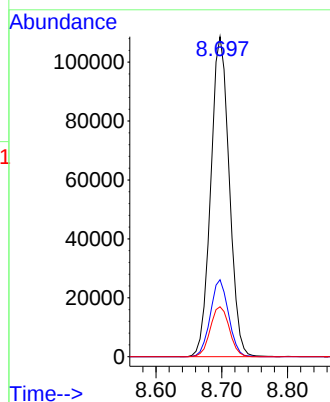
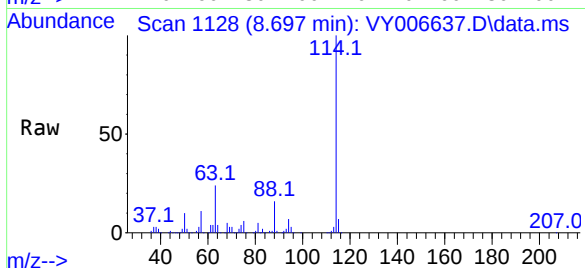
Tgt Ion:114 Resp: 212379

Ion Ratio Lower Upper

114 100

63 24.0 0.0 45.0

88 15.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.303 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY006637.D

Acq: 04 Nov 2021 22:11

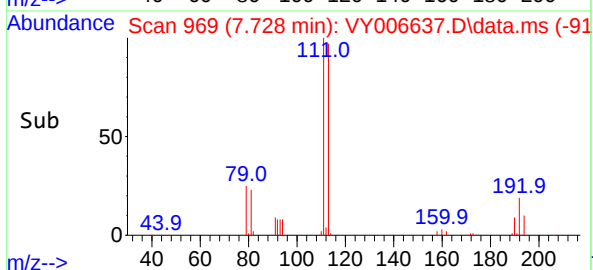
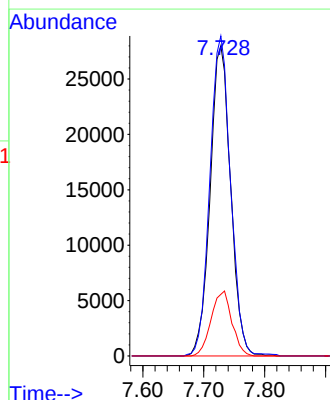
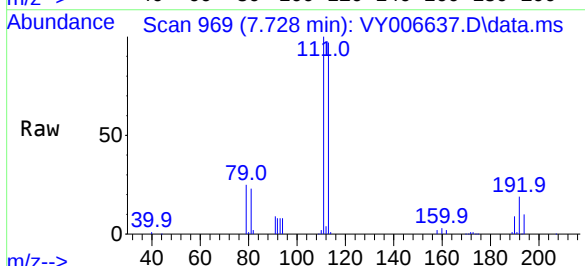
Tgt Ion:113 Resp: 65464

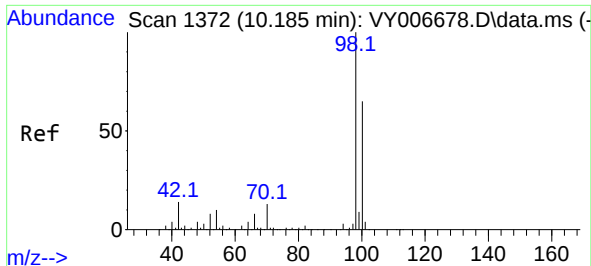
Ion Ratio Lower Upper

113 100

111 104.3 82.3 123.5

192 21.2 17.4 26.2

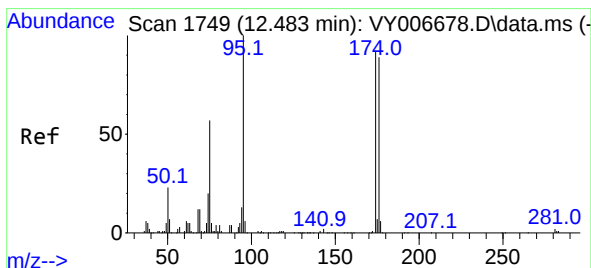
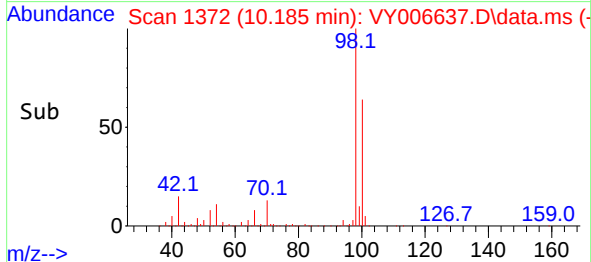
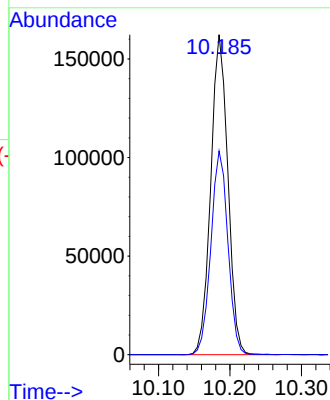
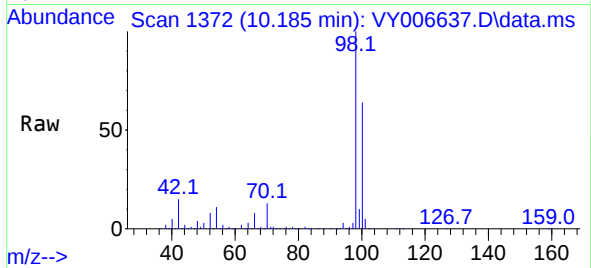




#50
Toluene-d8
Concen: 53.758 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006637.D
Acq: 04 Nov 2021 22:11

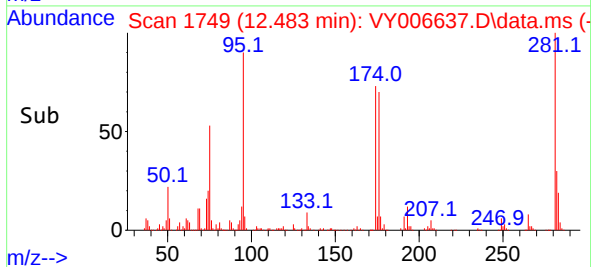
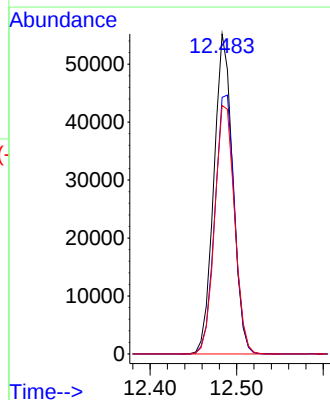
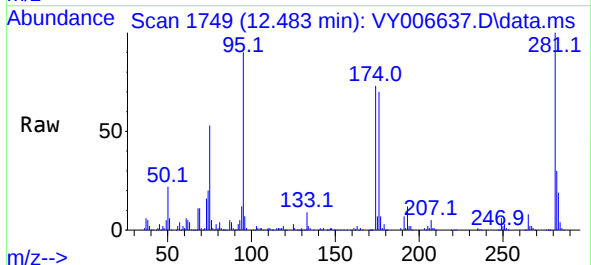
Instrument :
MSVOA_Y
ClientSampleId :
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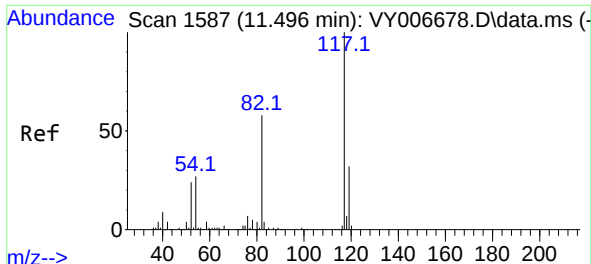
Tgt Ion: 98 Resp: 269761
Ion Ratio Lower Upper
98 100
100 63.2 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 49.583 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006637.D
Acq: 04 Nov 2021 22:11

Tgt Ion: 95 Resp: 83814
Ion Ratio Lower Upper
95 100
174 84.2 0.0 177.0
176 81.5 0.0 169.4

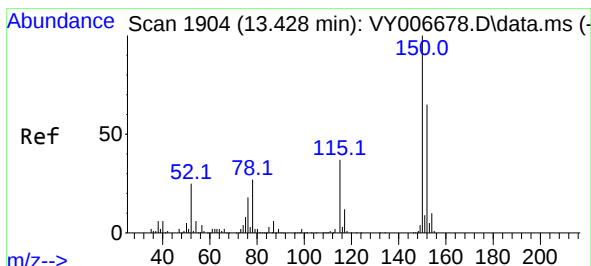
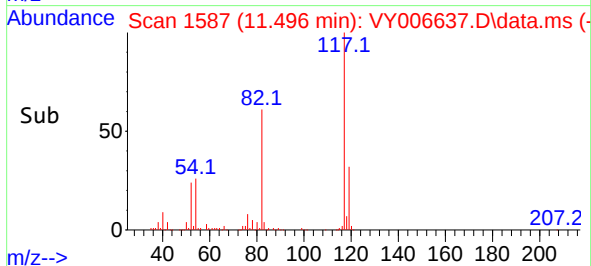
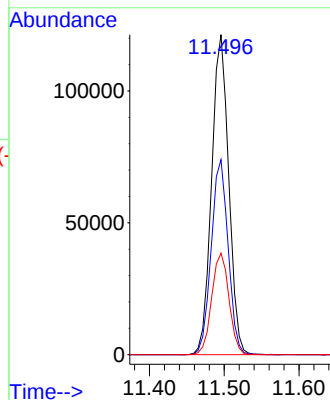
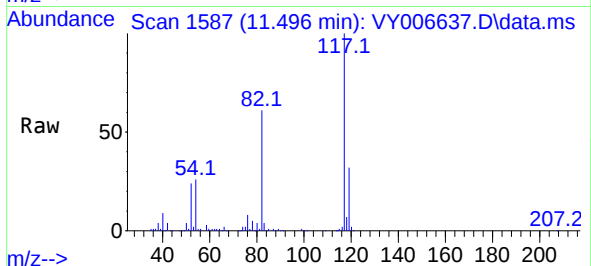




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY006637.D
Acq: 04 Nov 2021 22:11

Instrument :
MSVOA_Y
ClientSampleId :
AG-9

Tgt Ion:117 Resp: 192653
Ion Ratio Lower Upper
117 100
82 61.0 45.7 68.5
119 31.7 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: VY006637.D
Acq: 04 Nov 2021 22:11

Tgt Ion:152 Resp: 73694
Ion Ratio Lower Upper
152 100
115 57.9 28.5 85.5
150 156.5 0.0 348.2

