

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110821\
 Data File : VY006670.D
 Acq On : 08 Nov 2021 11:08
 Operator : SY/MD
 Sample : VY1108SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1108SBL01

Quant Time: Nov 08 11:29:00 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	123563	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	207308	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	204412	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	82885	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	88142	57.968	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.940%
35) Dibromofluoromethane	7.728	113	62407	54.010	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.020%
50) Toluene-d8	10.185	98	269989	55.120	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.240%
62) 4-Bromofluorobenzene	12.483	95	85558	51.853	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.700%

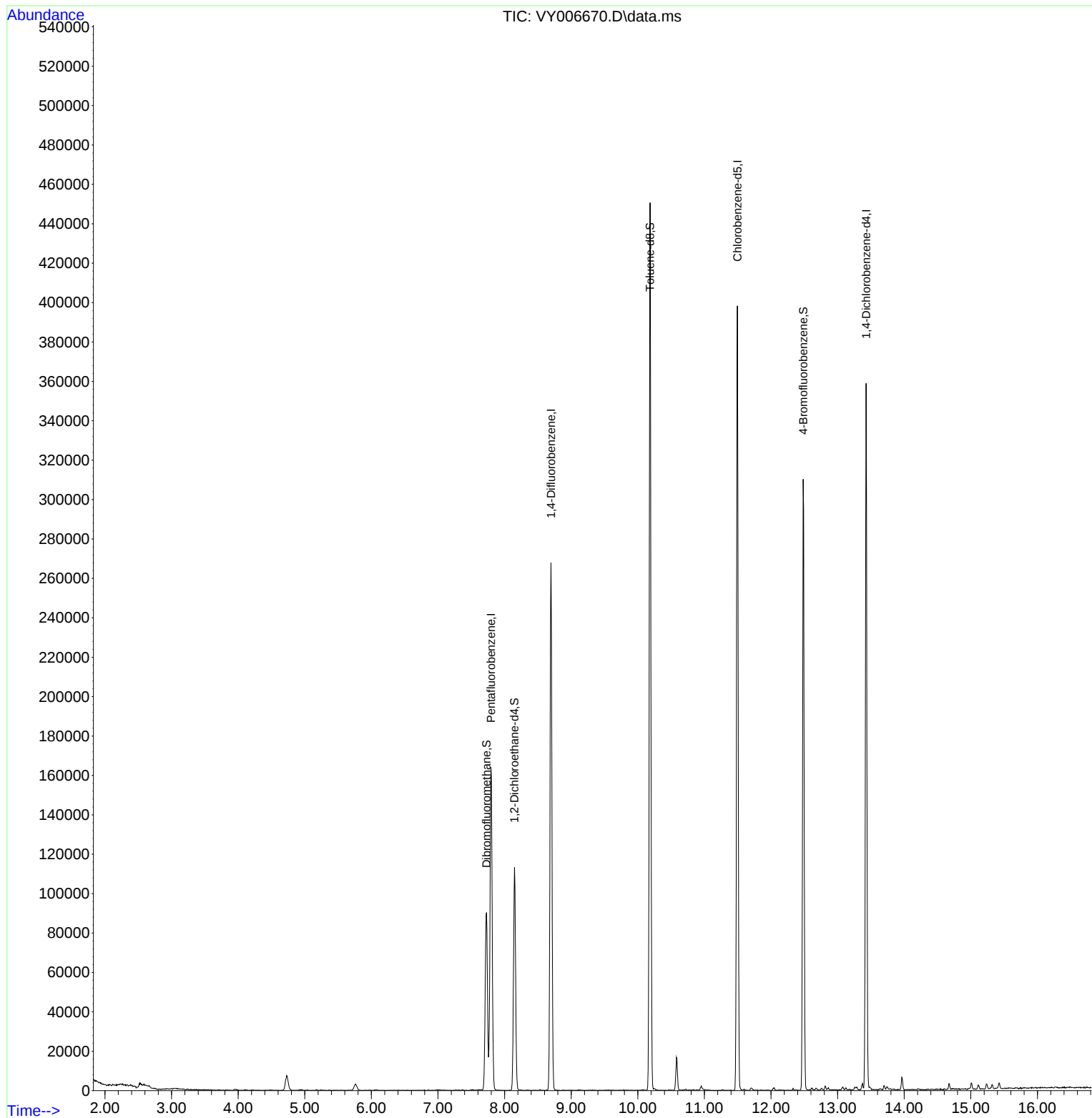
Target Compounds	Qvalue

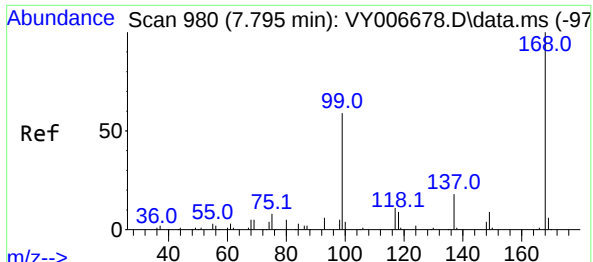
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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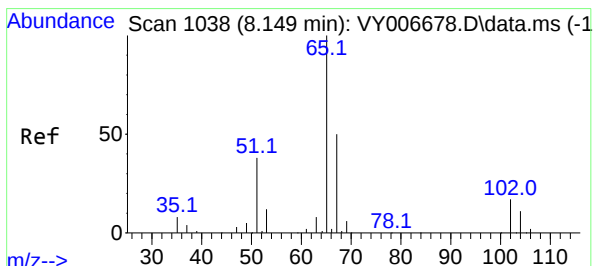
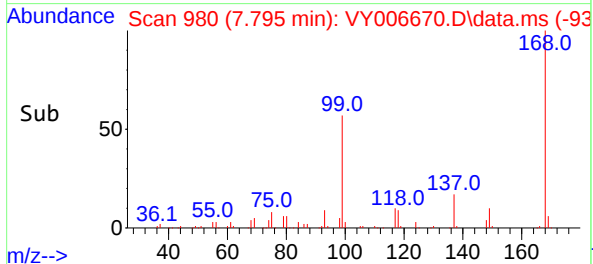
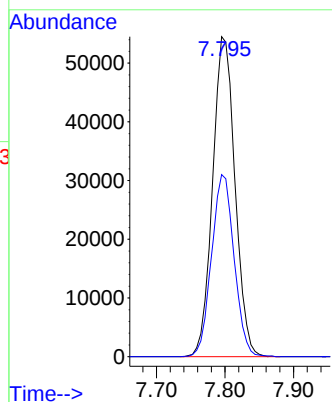
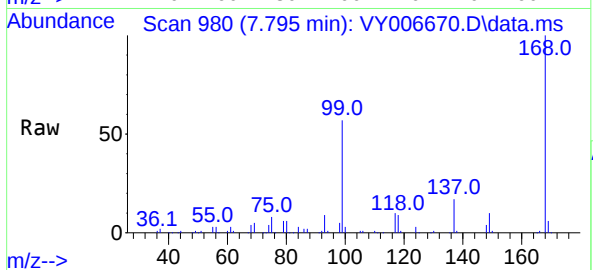




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY006670.D
Acq: 08 Nov 2021 11:08

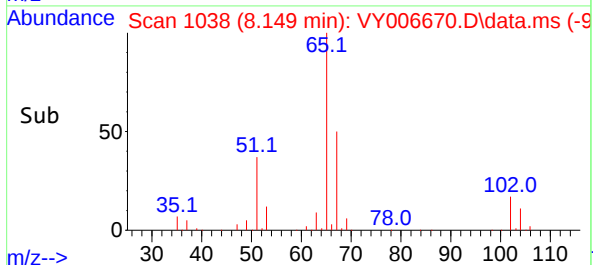
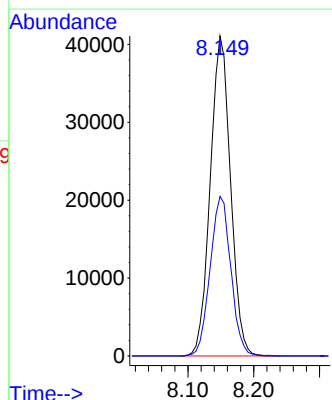
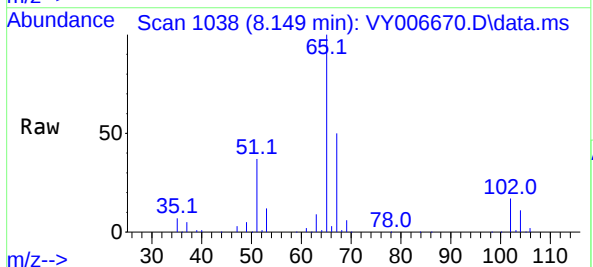
Instrument :
MSVOA_Y
ClientSampleId :
VY1108SBL01

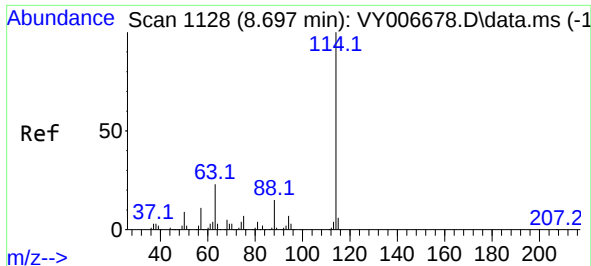
Tgt Ion:168 Resp: 123563
Ion Ratio Lower Upper
168 100
99 56.9 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 57.968 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006670.D
Acq: 08 Nov 2021 11:08

Tgt Ion: 65 Resp: 88142
Ion Ratio Lower Upper
65 100
67 50.9 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: VY006670.D

Acq: 08 Nov 2021 11:08

Instrument :

MSVOA_Y

ClientSampleId :

VY1108SBL01

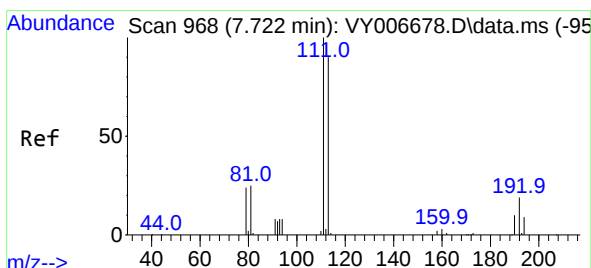
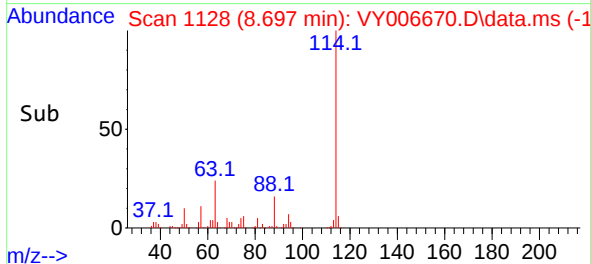
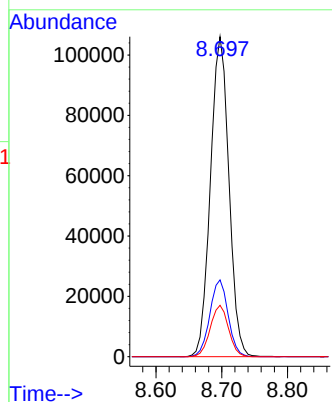
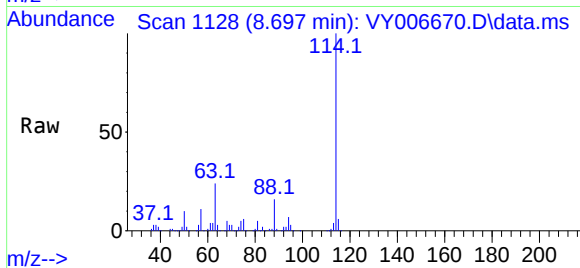
Tgt Ion:114 Resp: 207308

Ion Ratio Lower Upper

114 100

63 24.0 0.0 45.0

88 16.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.010 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY006670.D

Acq: 08 Nov 2021 11:08

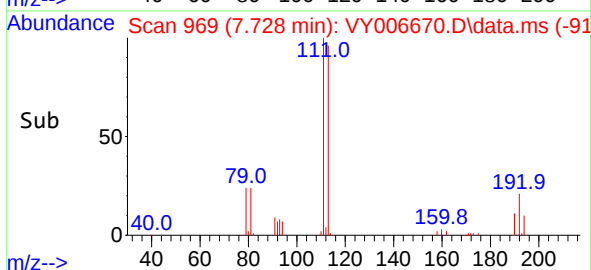
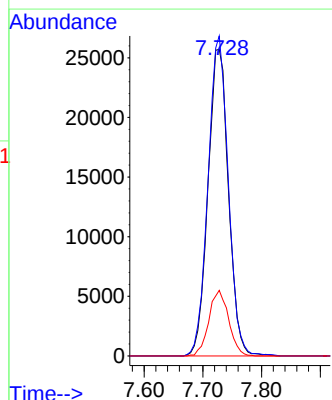
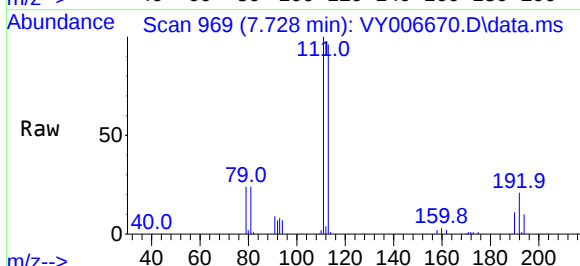
Tgt Ion:113 Resp: 62407

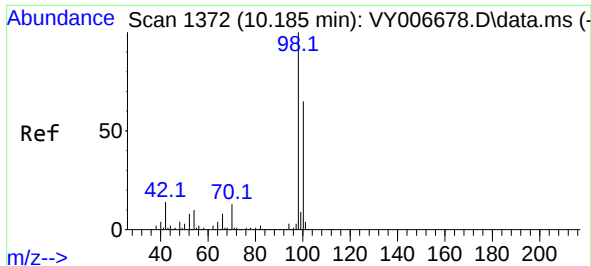
Ion Ratio Lower Upper

113 100

111 103.0 82.3 123.5

192 20.7 17.4 26.2

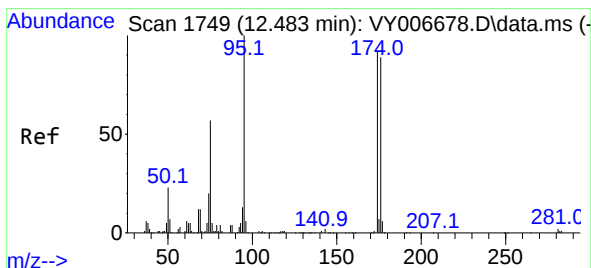
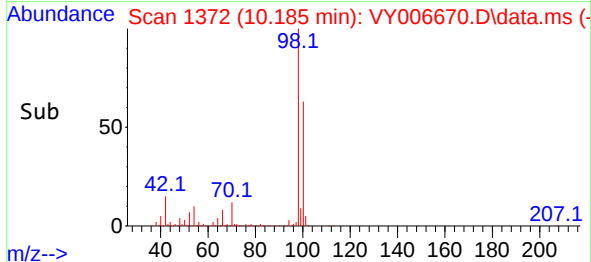
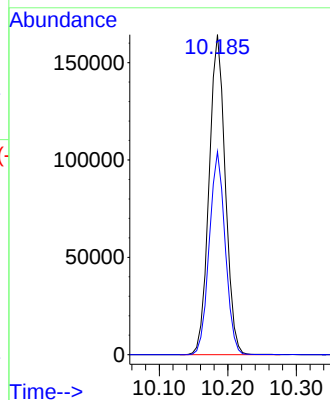
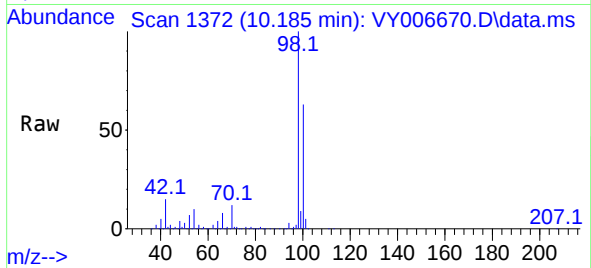




#50
Toluene-d8
Concen: 55.120 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY006670.D
Acq: 08 Nov 2021 11:08

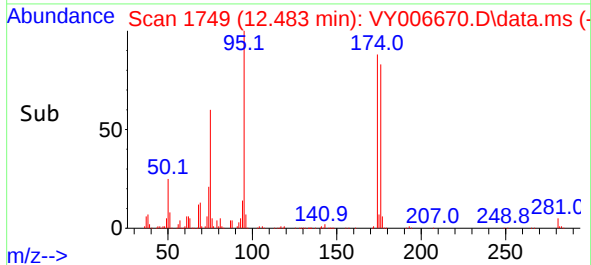
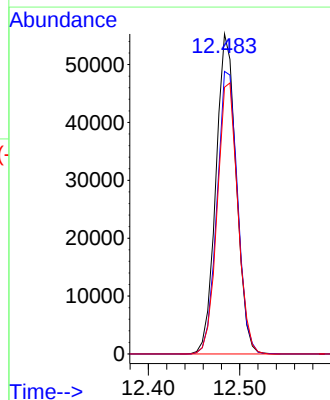
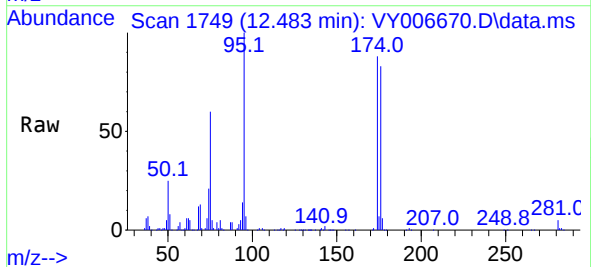
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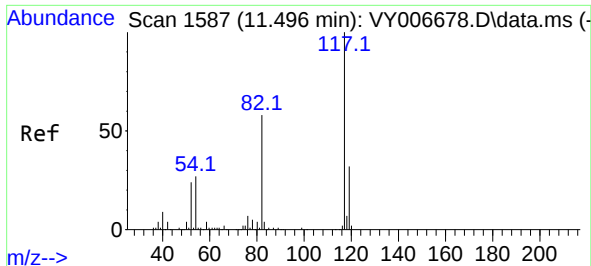
Tgt Ion: 98 Resp: 269989
Ion Ratio Lower Upper
98 100
100 62.3 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 51.853 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006670.D
Acq: 08 Nov 2021 11:08

Tgt Ion: 95 Resp: 85558
Ion Ratio Lower Upper
95 100
174 89.3 0.0 177.0
176 85.3 0.0 169.4

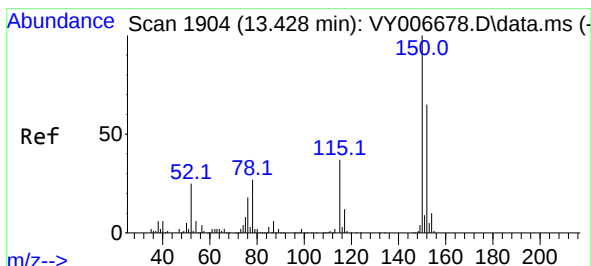
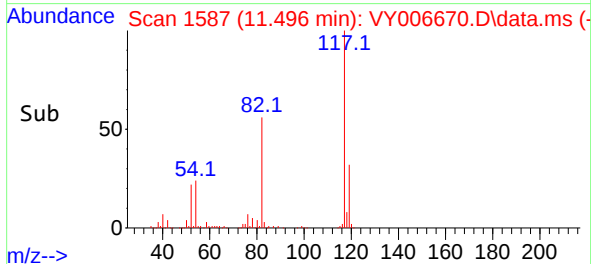
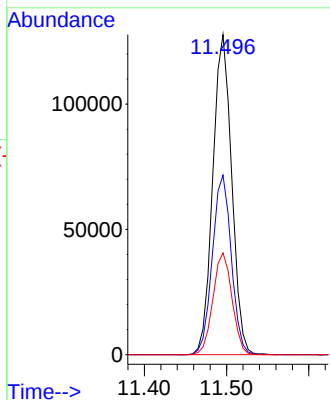
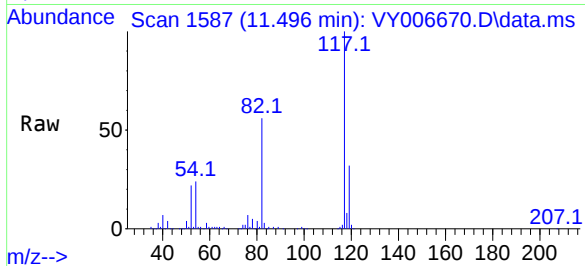




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY006670.D
Acq: 08 Nov 2021 11:08

Instrument :
MSVOA_Y
ClientSampleId :
VY1108SBL01

Tgt Ion:117 Resp: 204412
Ion Ratio Lower Upper
117 100
82 56.1 45.7 68.5
119 31.8 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: VY006670.D
Acq: 08 Nov 2021 11:08

Tgt Ion:152 Resp: 82885
Ion Ratio Lower Upper
152 100
115 56.9 28.5 85.5
150 157.0 0.0 348.2

