

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110221\
 Data File : VY006577.D
 Acq On : 02 Nov 2021 15:27
 Operator : SY/MD
 Sample : M4424-06RE
 Misc : 5.06G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 T2-EP01-NWRE

Quant Time: Nov 03 02:01:45 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	85177	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	135619	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	106626	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	35605	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	42226	40.286	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	80.580%
35) Dibromofluoromethane	7.728	113	38059	50.349	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.700%
50) Toluene-d8	10.185	98	170080	53.077	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.160%
62) 4-Bromofluorobenzene	12.483	95	40598	37.611	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	75.220%

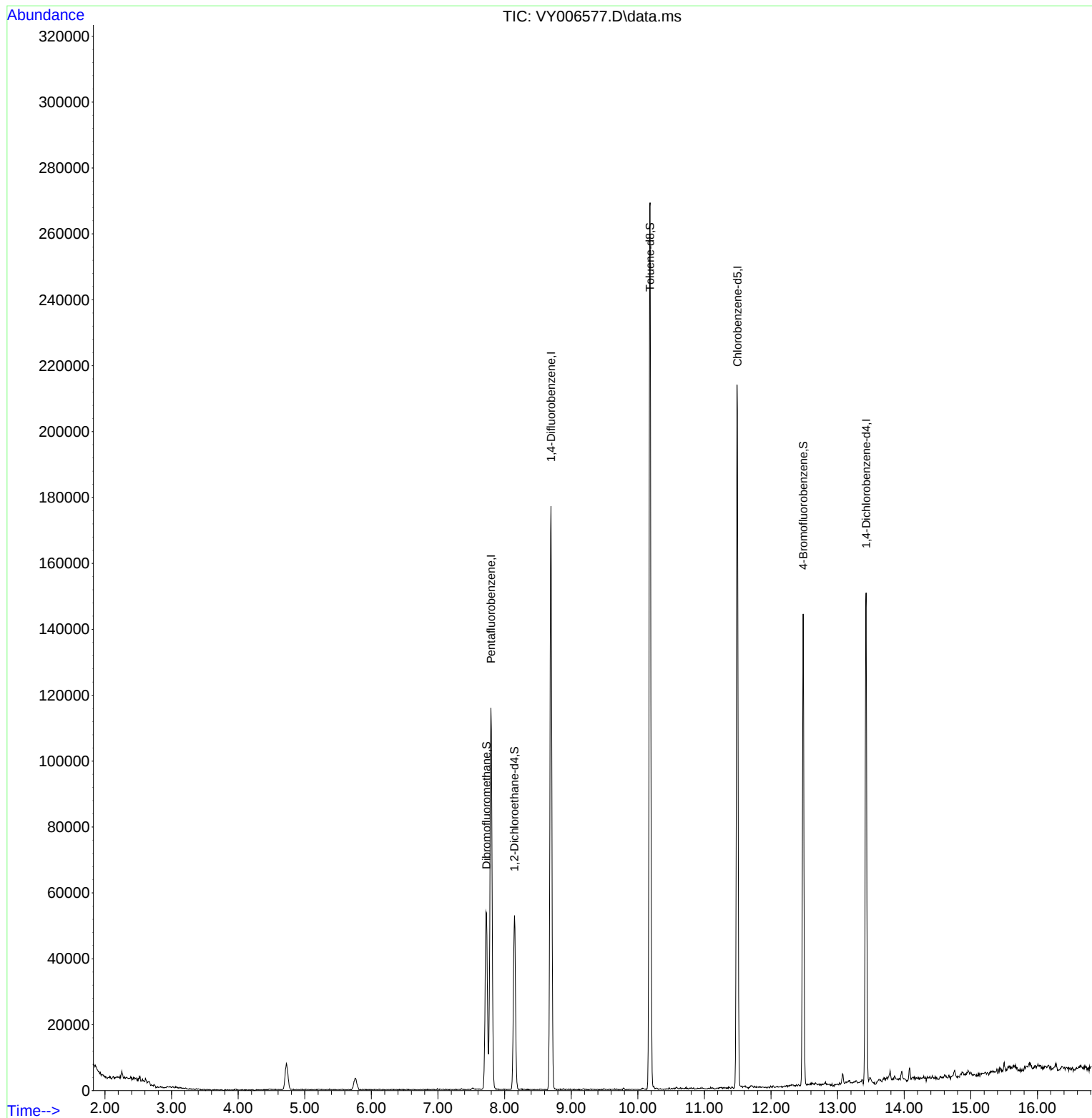
Target Compounds	Qvalue

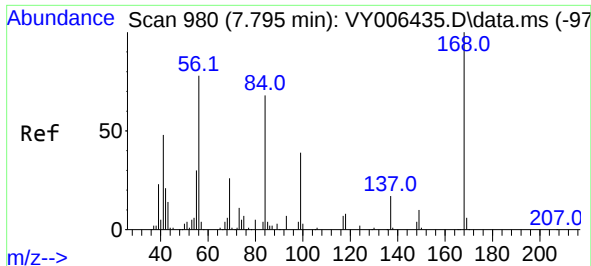
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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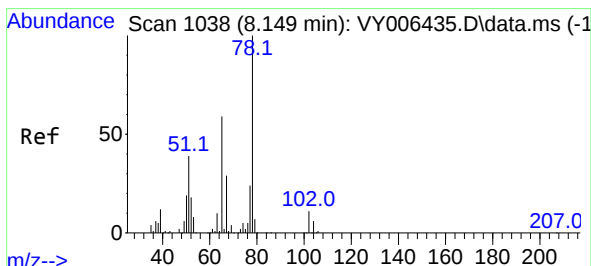
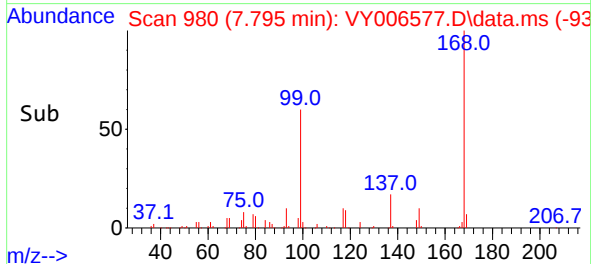
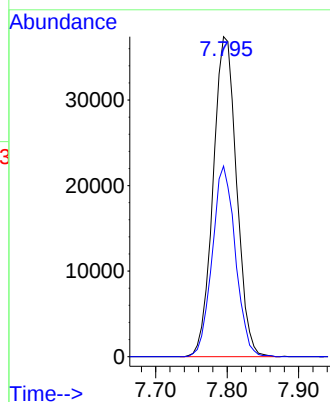
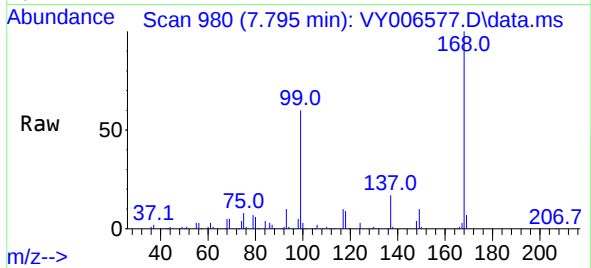




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY006577.D
Acq: 02 Nov 2021 15:27

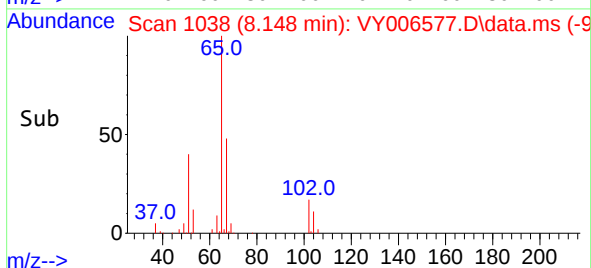
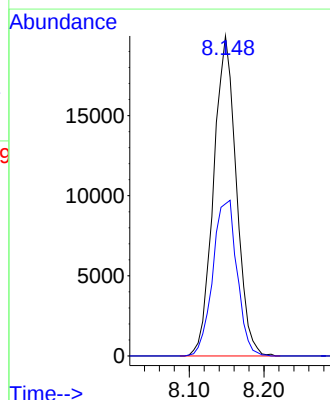
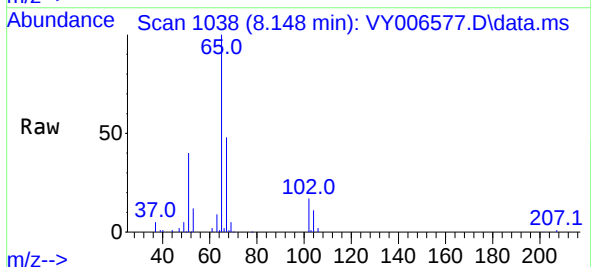
Instrument :
MSVOA_Y
ClientSampleId :
T2-EP01-NWRE

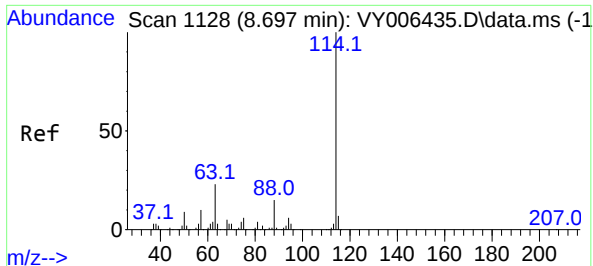
Tgt Ion:168 Resp: 85177
Ion Ratio Lower Upper
168 100
99 59.5 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 40.286 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006577.D
Acq: 02 Nov 2021 15:27

Tgt Ion: 65 Resp: 42226
Ion Ratio Lower Upper
65 100
67 51.9 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: VY006577.D

Acq: 02 Nov 2021 15:27

Instrument :

MSVOA_Y

ClientSampleId :

T2-EP01-NWRE

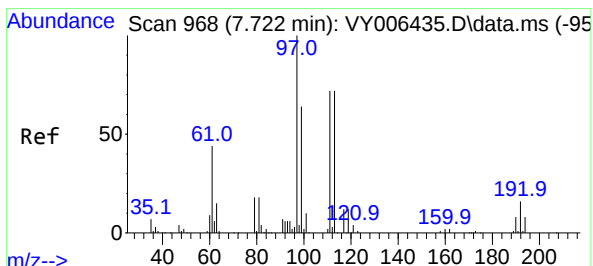
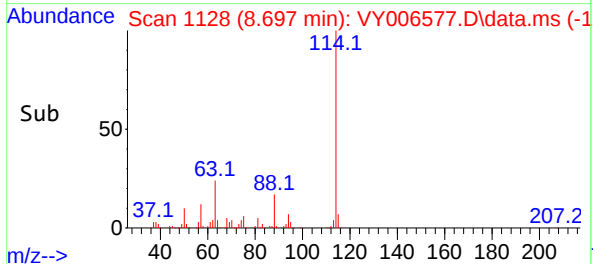
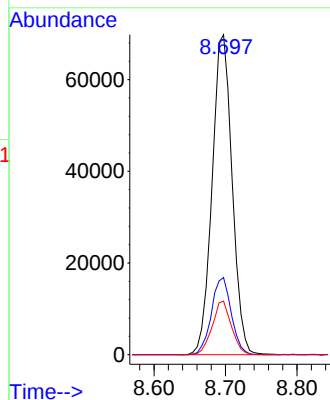
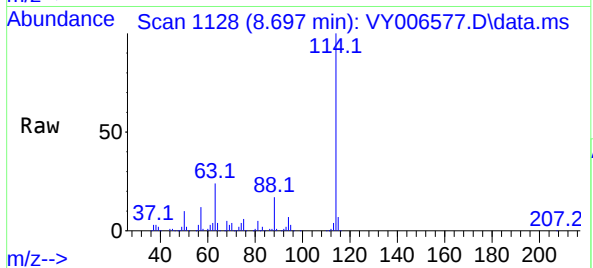
Tgt Ion:114 Resp: 135619

Ion Ratio Lower Upper

114 100

63 24.1 0.0 45.0

88 16.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.349 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY006577.D

Acq: 02 Nov 2021 15:27

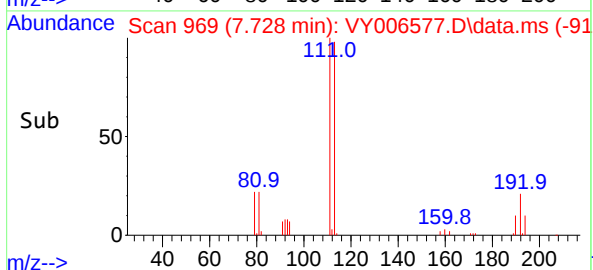
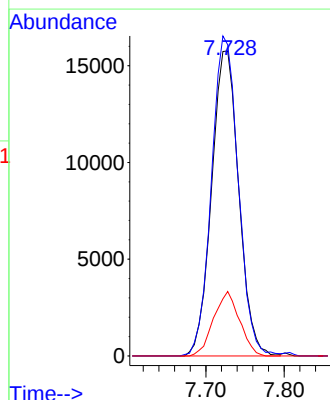
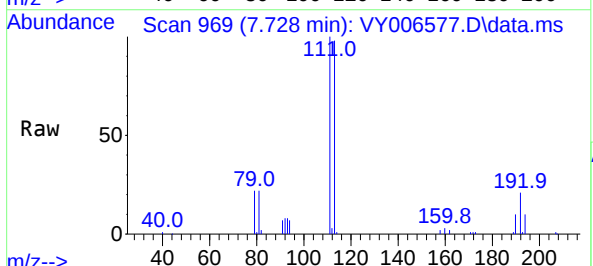
Tgt Ion:113 Resp: 38059

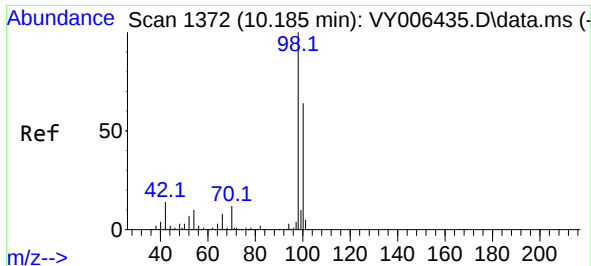
Ion Ratio Lower Upper

113 100

111 103.2 82.3 123.5

192 20.2 17.4 26.2

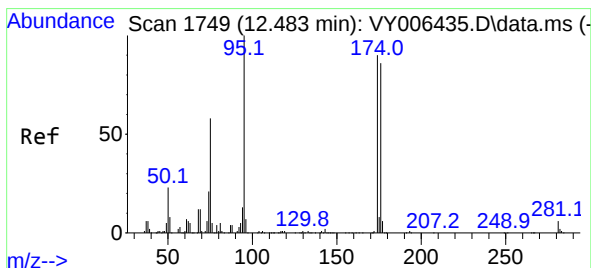
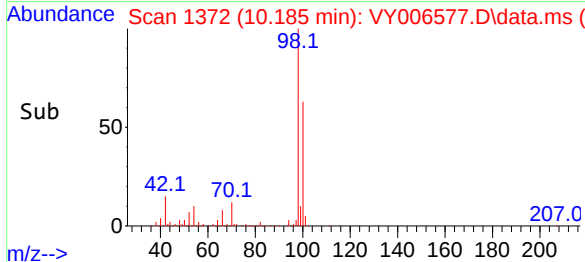
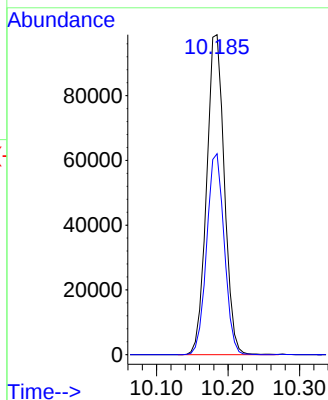
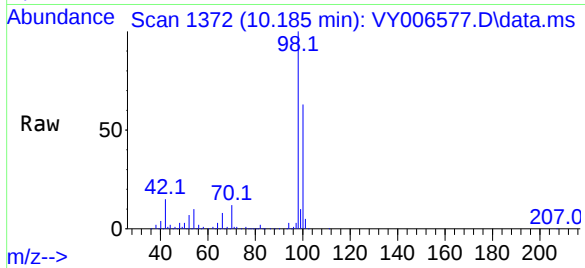




#50
Toluene-d8
Concen: 53.077 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006577.D
Acq: 02 Nov 2021 15:27

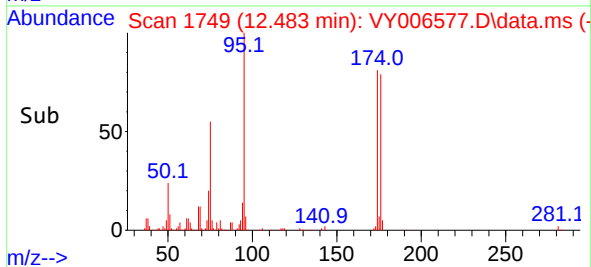
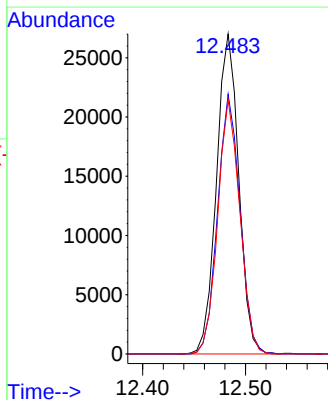
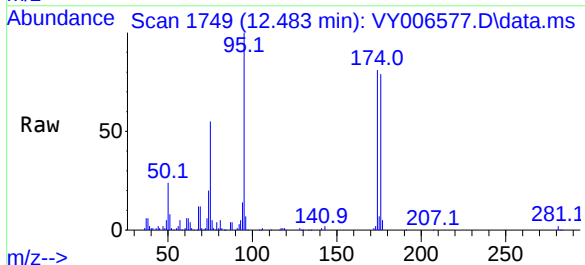
Instrument :
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T2-EP01-NWRE

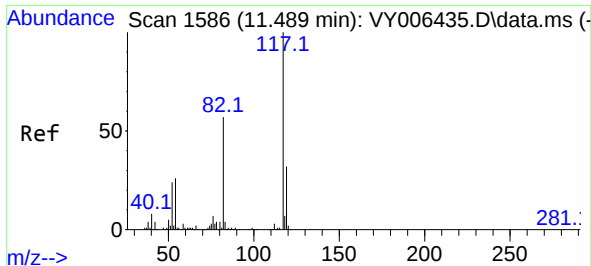
Tgt Ion: 98 Resp: 170080
Ion Ratio Lower Upper
98 100
100 62.2 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 37.611 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006577.D
Acq: 02 Nov 2021 15:27

Tgt Ion: 95 Resp: 40598
Ion Ratio Lower Upper
95 100
174 81.4 0.0 177.0
176 78.7 0.0 169.4

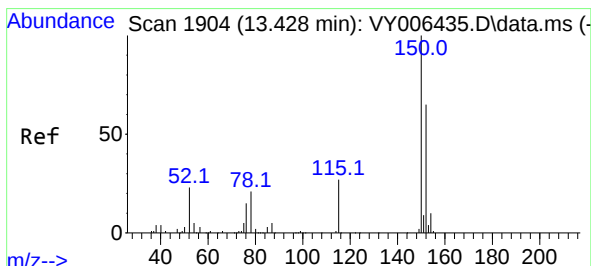
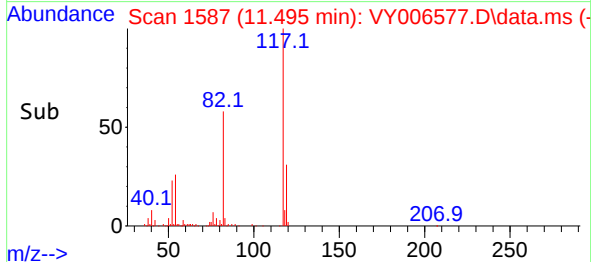
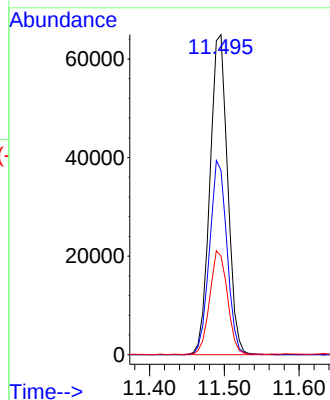
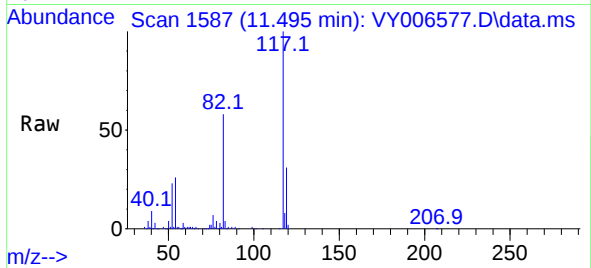




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY006577.D
Acq: 02 Nov 2021 15:27

Instrument :
MSVOA_Y
ClientSampleId :
T2-EP01-NWRE

Tgt Ion:117 Resp: 106626
Ion Ratio Lower Upper
117 100
82 57.6 45.7 68.5
119 30.7 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: VY006577.D
Acq: 02 Nov 2021 15:27

Tgt Ion:152 Resp: 35605
Ion Ratio Lower Upper
152 100
115 58.8 28.5 85.5
150 156.7 0.0 348.2

