

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042624\
 Data File : VY018058.D
 Acq On : 26 Apr 2024 13:28
 Operator : SY/MD
 Sample : P2270-03
 Misc : 5.28g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-240

Quant Time: Apr 27 01:07:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.795	168	360369	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	635177	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	566947	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	215526	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	155070	49.725	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.460%
35) Dibromofluoromethane	7.722	113	194663	49.676	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.360%
50) Toluene-d8	10.185	98	728207	48.974	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.940%
62) 4-Bromofluorobenzene	12.483	95	202800	44.038	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	88.080%

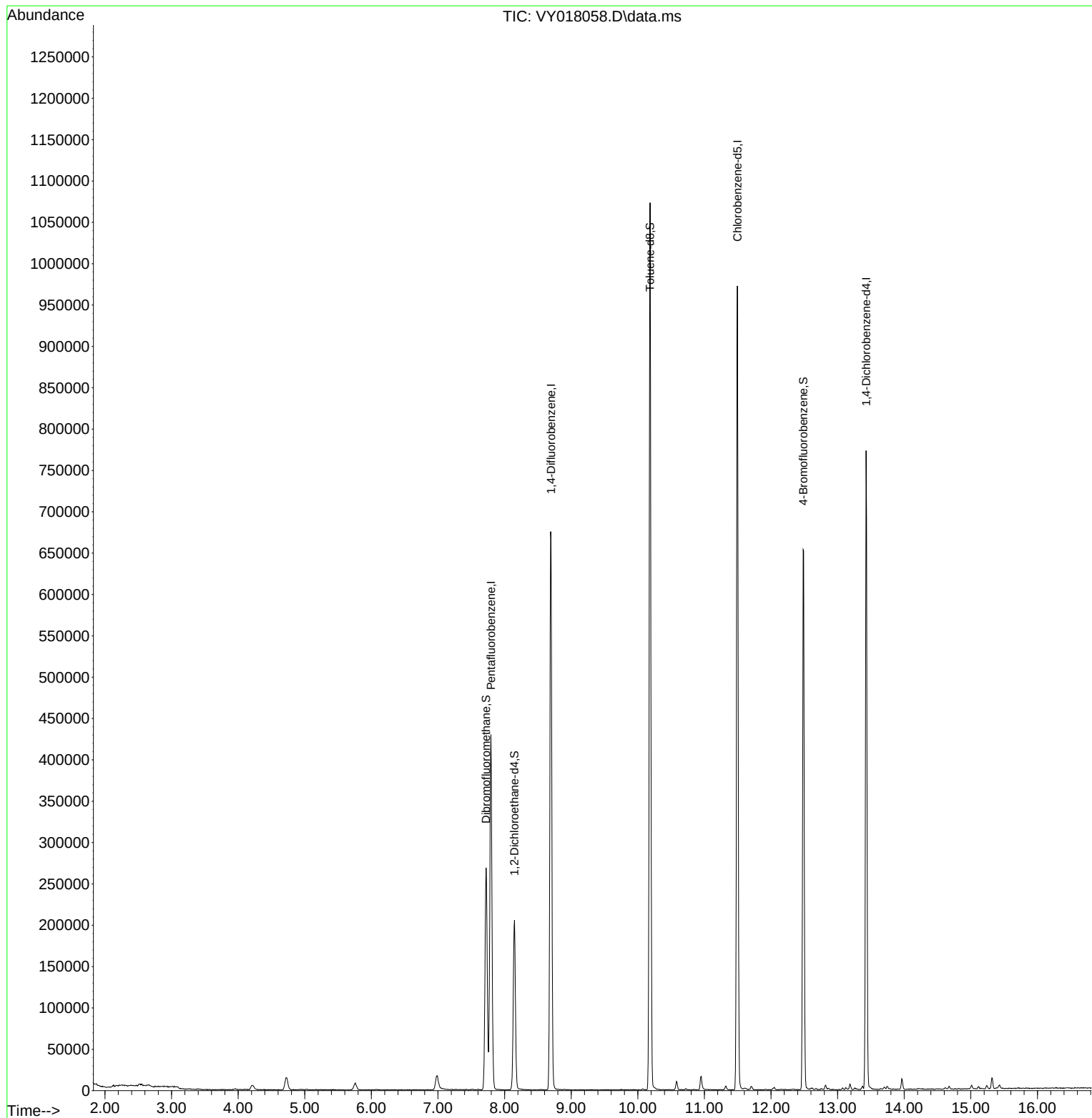
Target Compounds	Qvalue

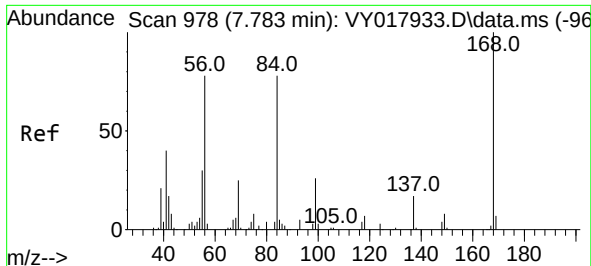
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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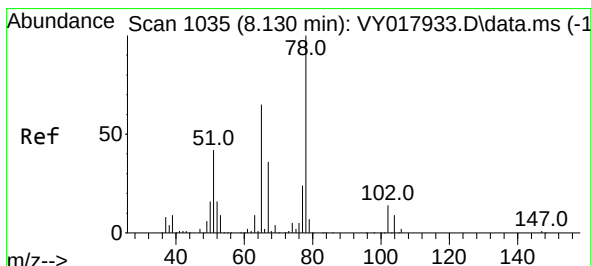
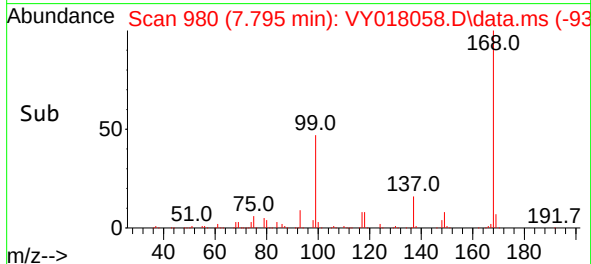
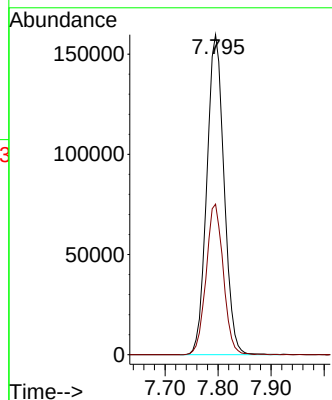
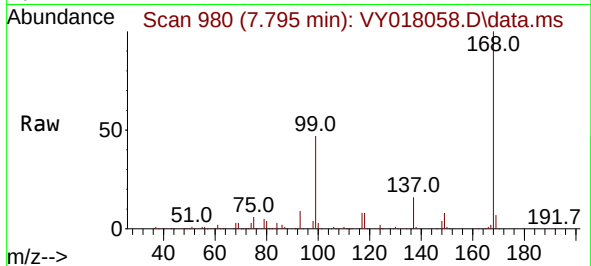




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018058.D
Acq: 26 Apr 2024 13:28

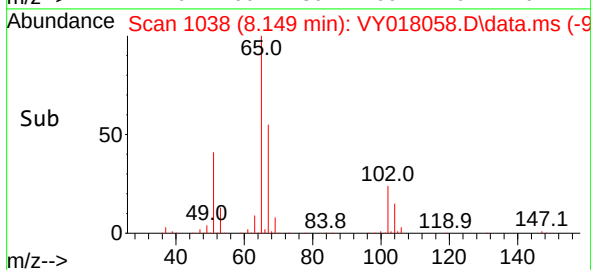
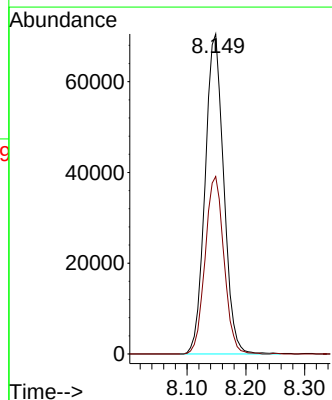
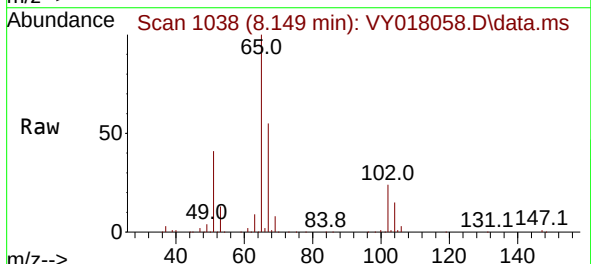
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-240

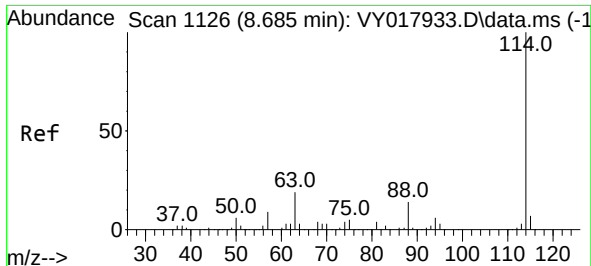
Tgt Ion:168 Resp: 360369
Ion Ratio Lower Upper
168 100
99 47.0 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 49.725 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY018058.D
Acq: 26 Apr 2024 13:28

Tgt Ion: 65 Resp: 155070
Ion Ratio Lower Upper
65 100
67 56.0 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY018058.D

Acq: 26 Apr 2024 13:28

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-240

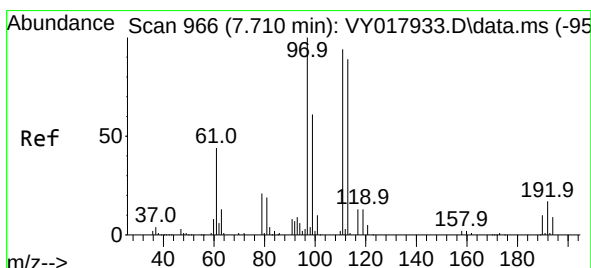
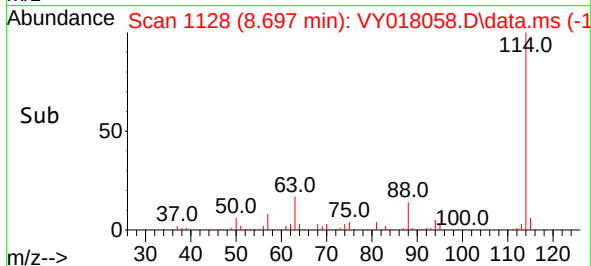
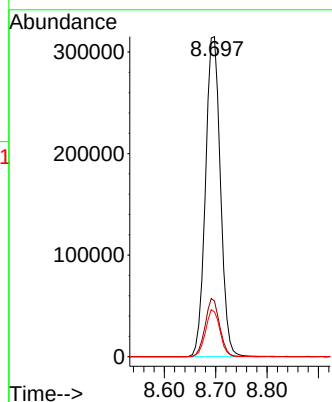
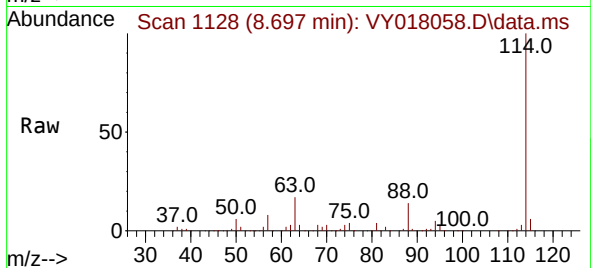
Tgt Ion:114 Resp: 635177

Ion Ratio Lower Upper

114 100

63 17.4 0.0 35.0

88 14.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.676 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY018058.D

Acq: 26 Apr 2024 13:28

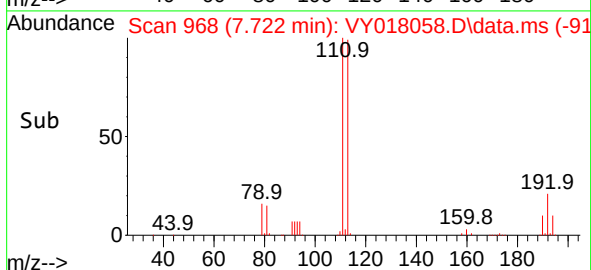
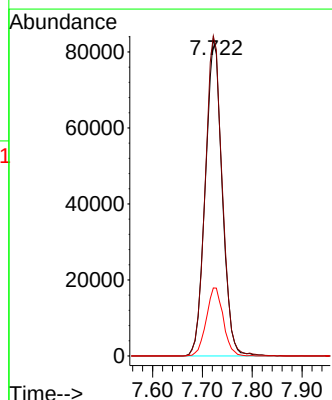
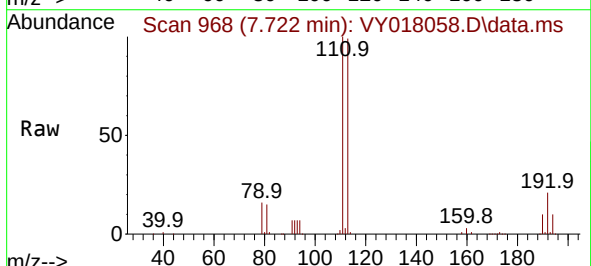
Tgt Ion:113 Resp: 194663

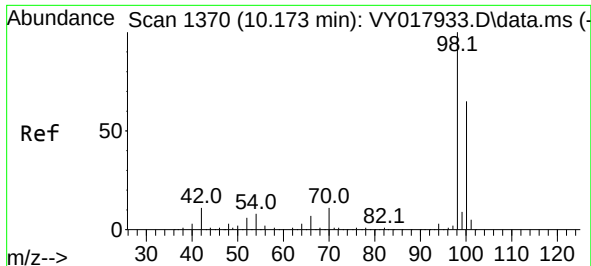
Ion Ratio Lower Upper

113 100

111 102.1 82.2 123.4

192 21.8 15.9 23.9

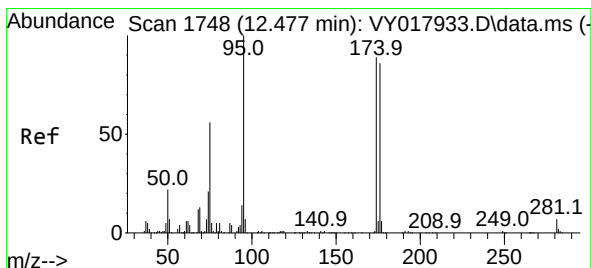
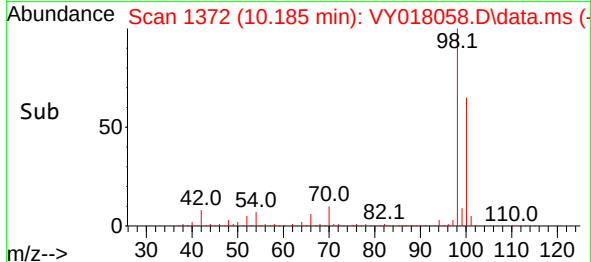
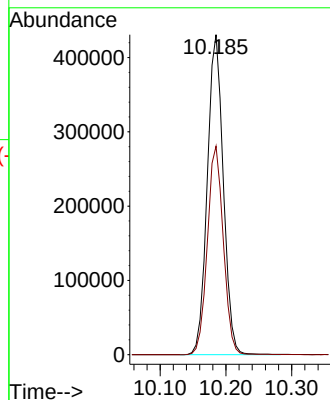
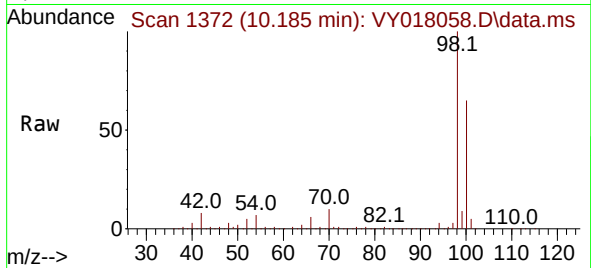




#50
Toluene-d8
Concen: 48.974 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018058.D
Acq: 26 Apr 2024 13:28

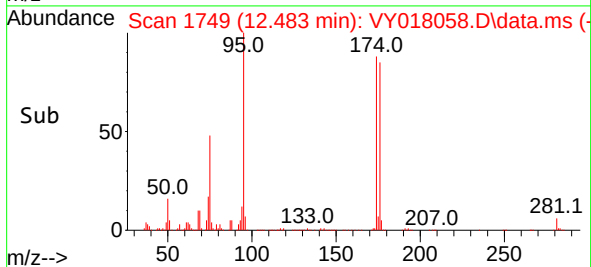
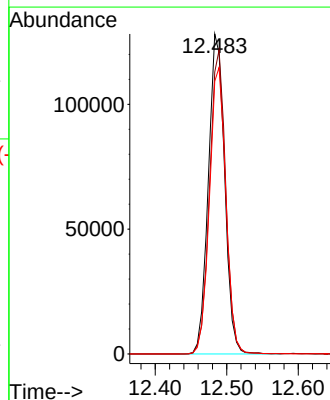
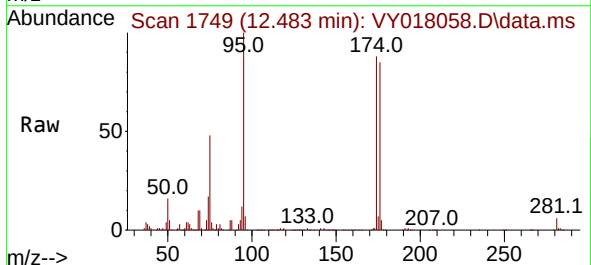
Instrument :
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VNJ-240

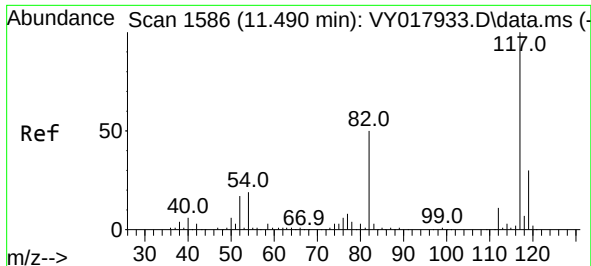
Tgt Ion: 98 Resp: 728207
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 44.038 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY018058.D
Acq: 26 Apr 2024 13:28

Tgt Ion: 95 Resp: 202800
Ion Ratio Lower Upper
95 100
174 94.6 0.0 175.6
176 90.6 0.0 171.4

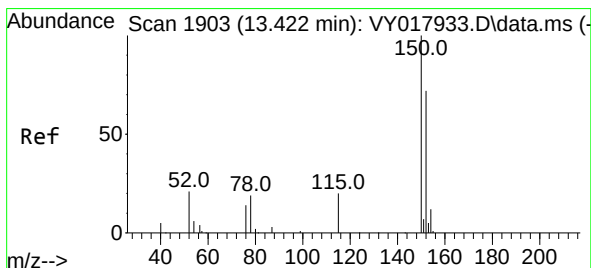
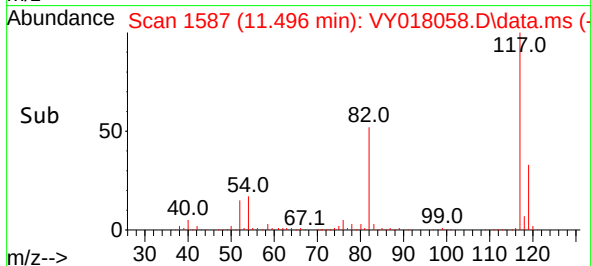
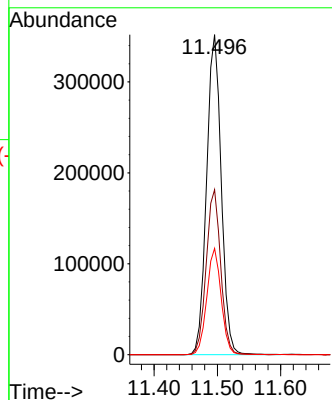
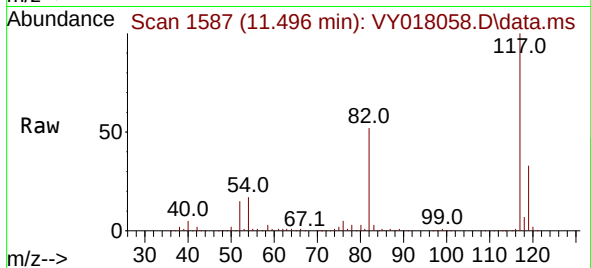




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018058.D
Acq: 26 Apr 2024 13:28

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-240

Tgt Ion:117 Resp: 566947
Ion Ratio Lower Upper
117 100
82 51.5 42.4 63.6
119 33.2 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY018058.D
Acq: 26 Apr 2024 13:28

Tgt Ion:152 Resp: 215526
Ion Ratio Lower Upper
152 100
115 54.3 28.2 84.7
150 156.9 0.0 345.6

