

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060324\
 Data File : VY018453.D
 Acq On : 03 Jun 2024 20:22
 Operator : SY/MD
 Sample : P2701-03
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CON-PAD-2

Quant Time: Jun 04 05:44:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 05:38:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	76664	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.679	114	153145	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	140122	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	51811	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	46854	31.121	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	62.240%
35) Dibromofluoromethane	7.710	113	18061	9.300	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	18.600%#
50) Toluene-d8	10.172	98	186556	24.147	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	48.300%#
62) 4-Bromofluorobenzene	12.477	95	56380	23.439	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	46.880%

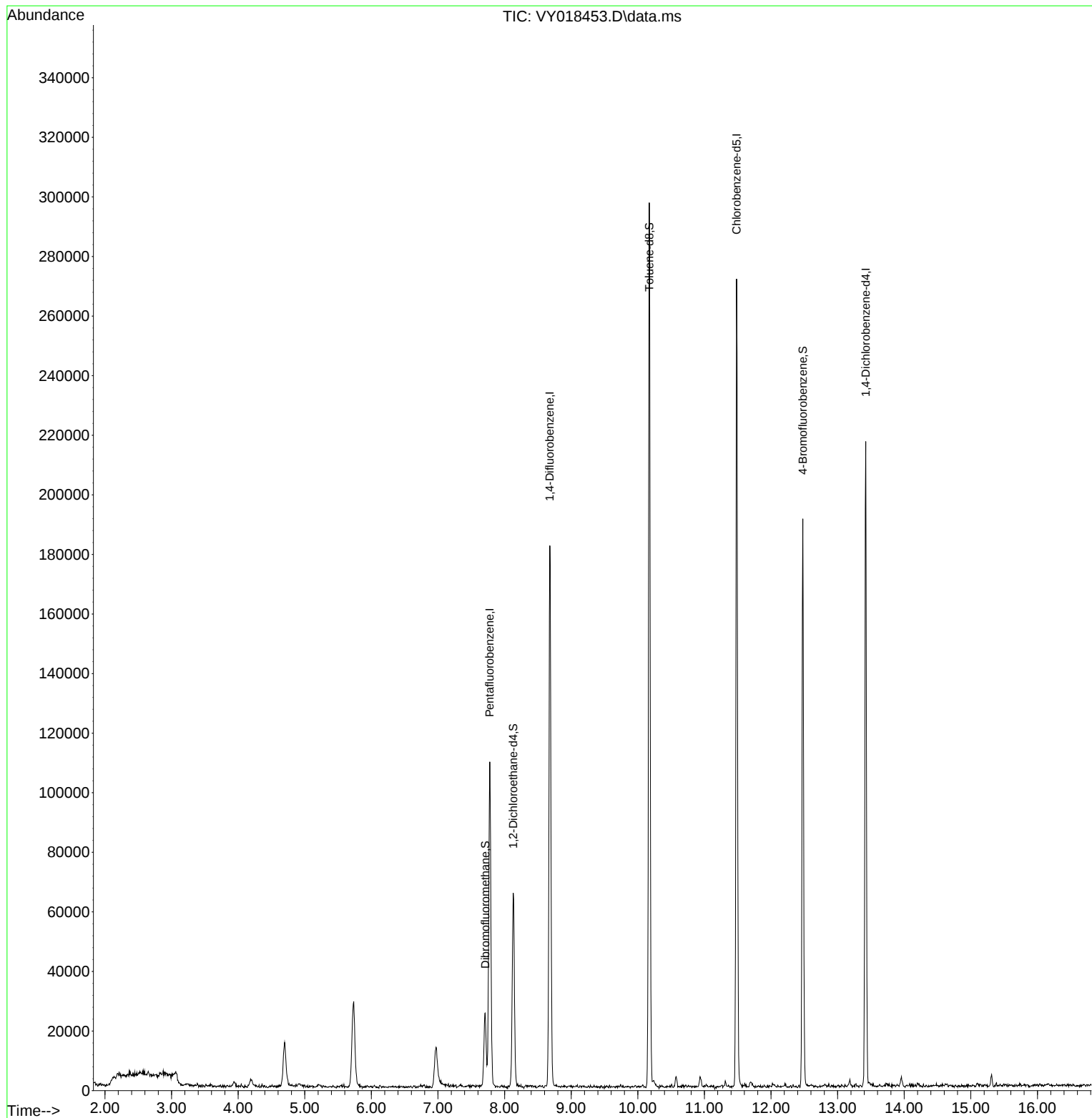
Target Compounds	Qvalue

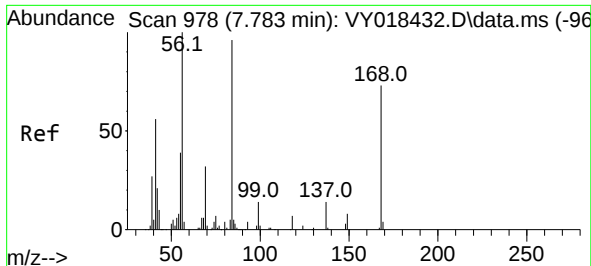
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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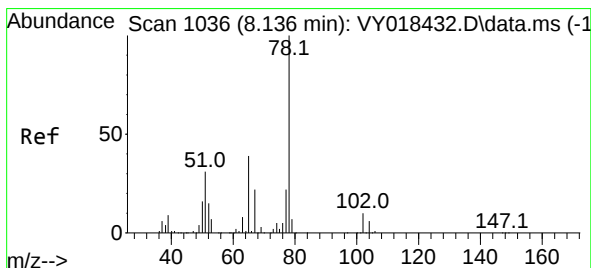
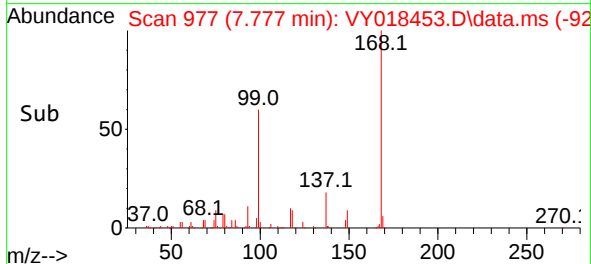
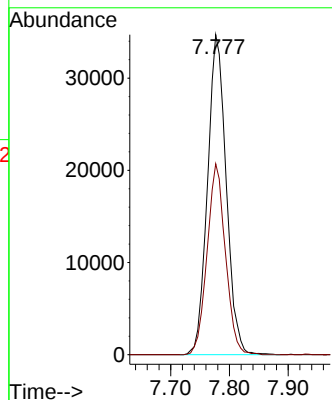
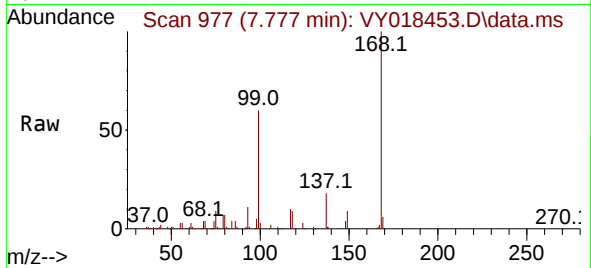




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018453.D
Acq: 03 Jun 2024 20:22

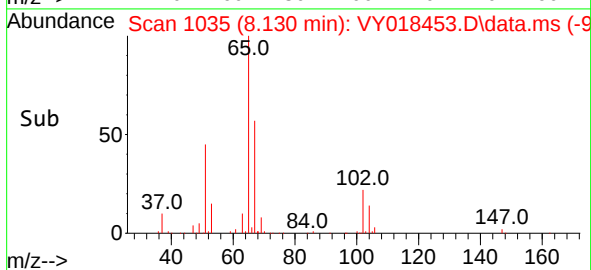
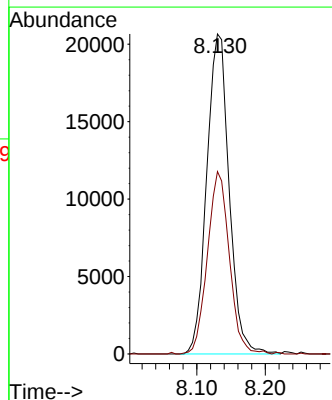
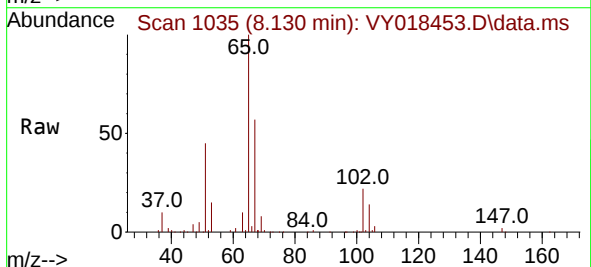
Instrument :
MSVOA_Y
ClientSampleId :
CON-PAD-2

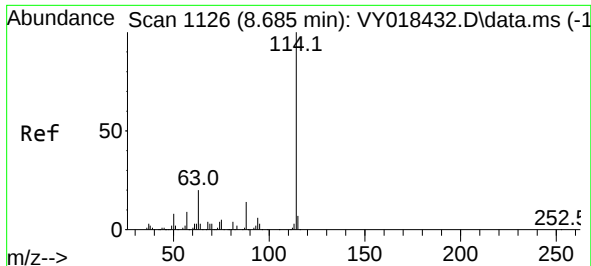
Tgt Ion:168 Resp: 76664
Ion Ratio Lower Upper
168 100
99 59.7 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 31.121 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY018453.D
Acq: 03 Jun 2024 20:22

Tgt Ion: 65 Resp: 46854
Ion Ratio Lower Upper
65 100
67 55.8 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. -0.006 min

Lab File: VY018453.D

Acq: 03 Jun 2024 20:22

Instrument :

MSVOA_Y

ClientSampleId :

CON-PAD-2

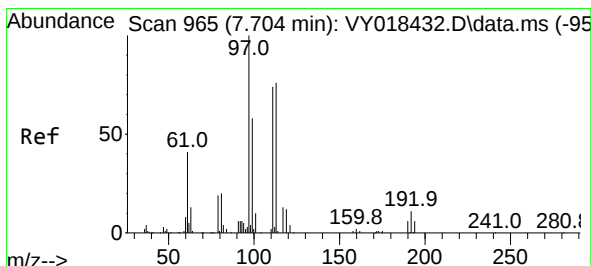
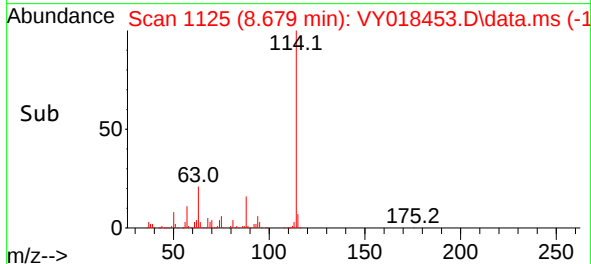
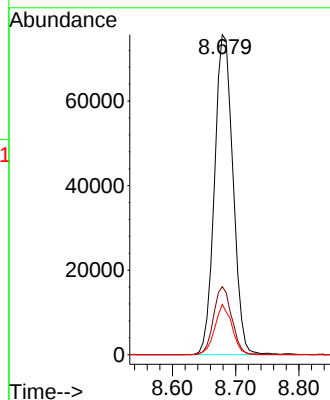
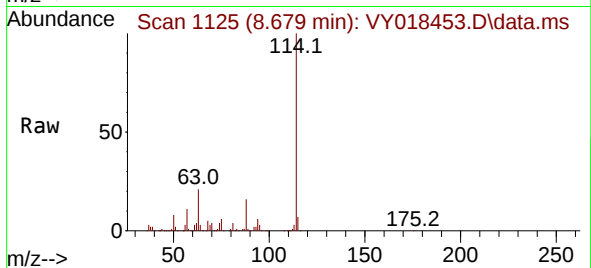
Tgt Ion:114 Resp: 153145

Ion Ratio Lower Upper

114 100

63 21.2 0.0 35.0

88 15.7 0.0 27.2



#35

Dibromofluoromethane

Concen: 9.300 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.006 min

Lab File: VY018453.D

Acq: 03 Jun 2024 20:22

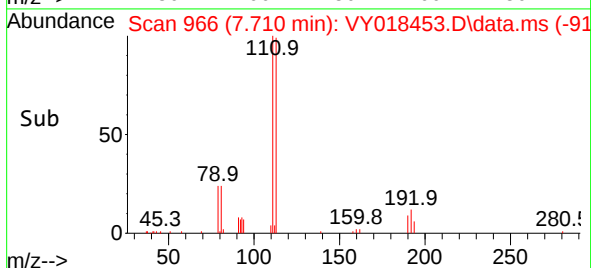
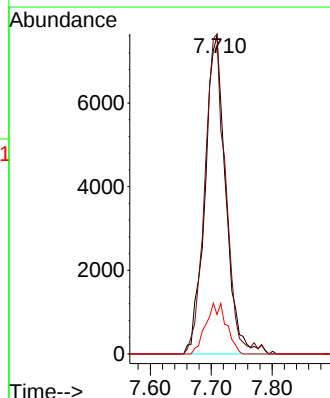
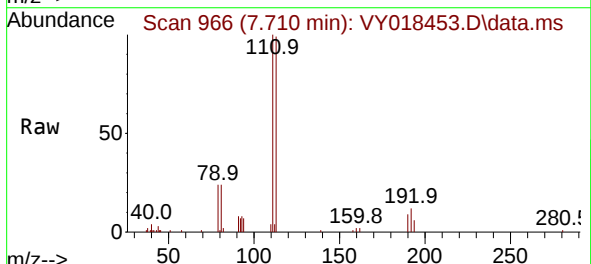
Tgt Ion:113 Resp: 18061

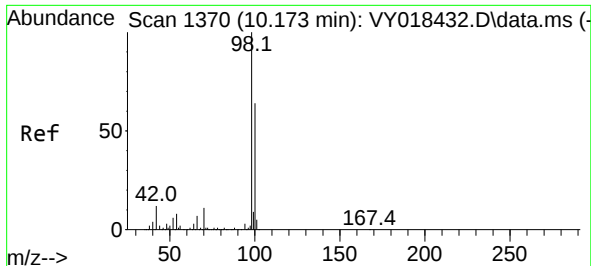
Ion Ratio Lower Upper

113 100

111 99.2 82.2 123.4

192 15.9 15.9 23.9#

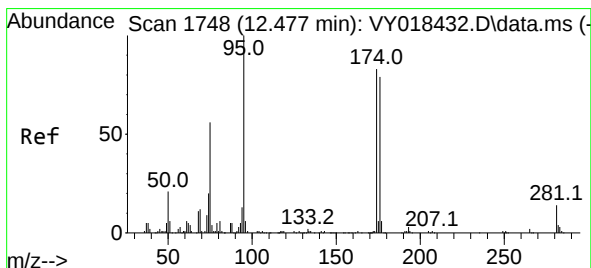
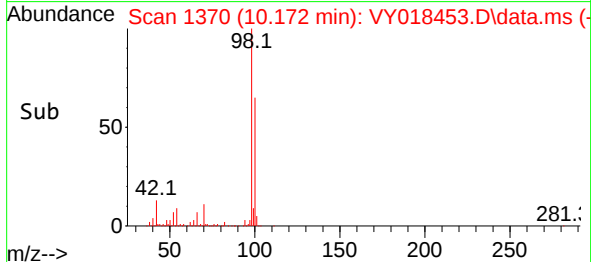
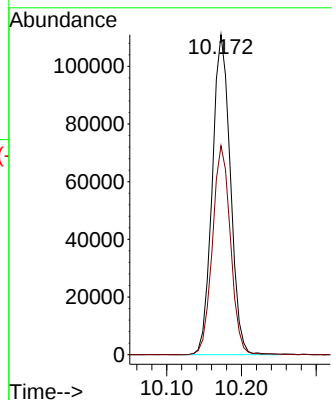
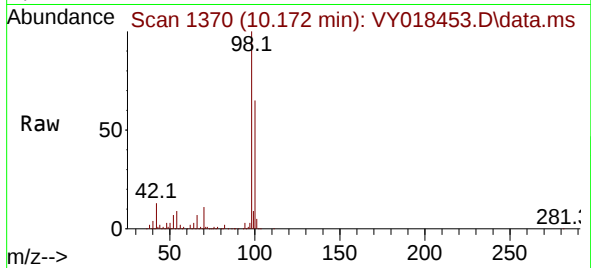




#50
Toluene-d8
Concen: 24.147 ug/l
RT: 10.172 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018453.D
Acq: 03 Jun 2024 20:22

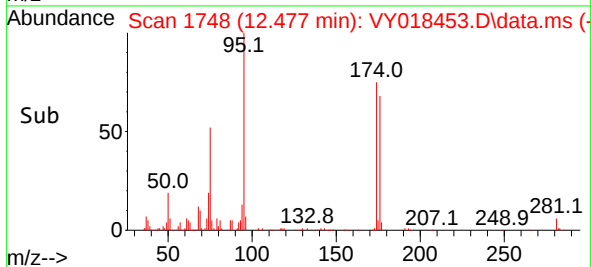
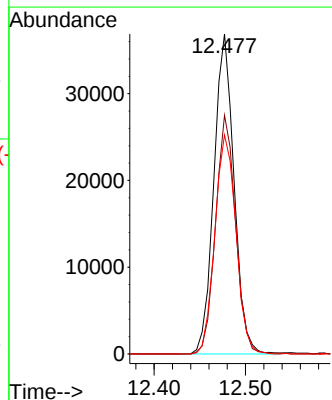
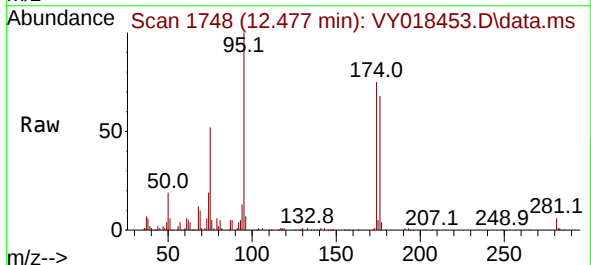
Instrument :
MSVOA_Y
ClientSampleId :
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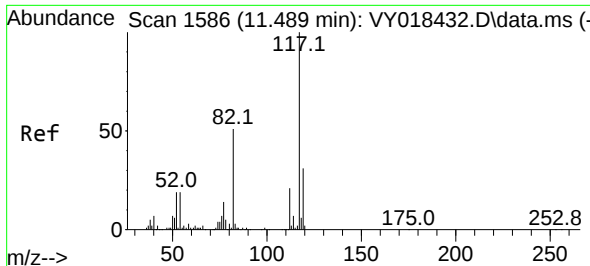
Tgt Ion: 98 Resp: 186556
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 23.439 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY018453.D
Acq: 03 Jun 2024 20:22

Tgt Ion: 95 Resp: 56380
Ion Ratio Lower Upper
95 100
174 74.1 0.0 175.6
176 71.6 0.0 171.4

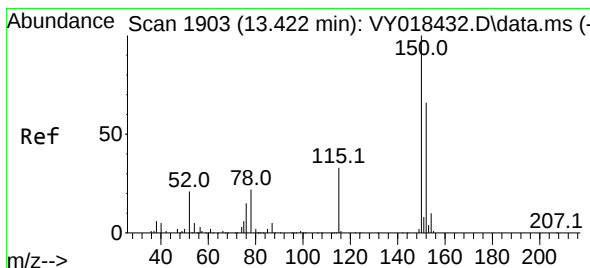
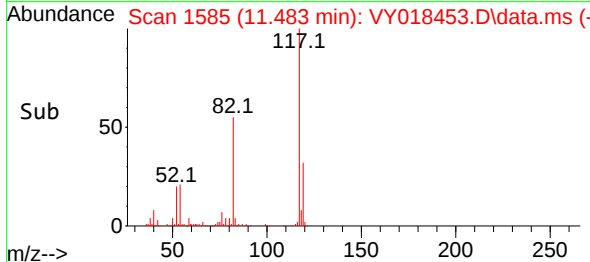
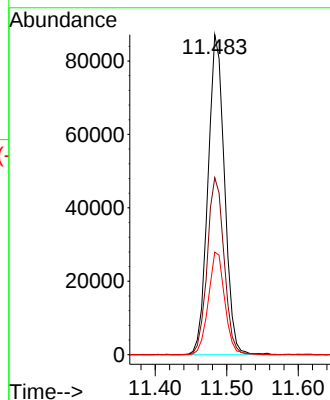
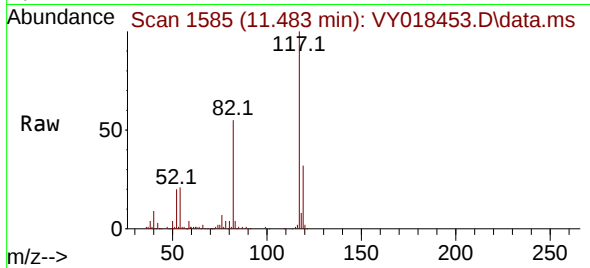




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY018453.D
Acq: 03 Jun 2024 20:22

Instrument :
MSVOA_Y
ClientSampleId :
CON-PAD-2

Tgt Ion:117 Resp: 140122
Ion Ratio Lower Upper
117 100
82 55.3 42.4 63.6
119 32.1 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY018453.D
Acq: 03 Jun 2024 20:22

Tgt Ion:152 Resp: 51811
Ion Ratio Lower Upper
152 100
115 60.2 28.2 84.7
150 156.0 0.0 345.6

