

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062524\
 Data File : VY018692.D
 Acq On : 25 Jun 2024 16:46
 Operator : SY/MD
 Sample : P3047-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-01-062424

Quant Time: Jun 26 02:38:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 14 07:08:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	94982	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	170195	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	156797	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	66131	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	48412	50.626	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.260%
35) Dibromofluoromethane	7.710	113	53732	51.754	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.500%
50) Toluene-d8	10.173	98	193902	48.565	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.140%
62) 4-Bromofluorobenzene	12.477	95	58727	46.581	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.160%

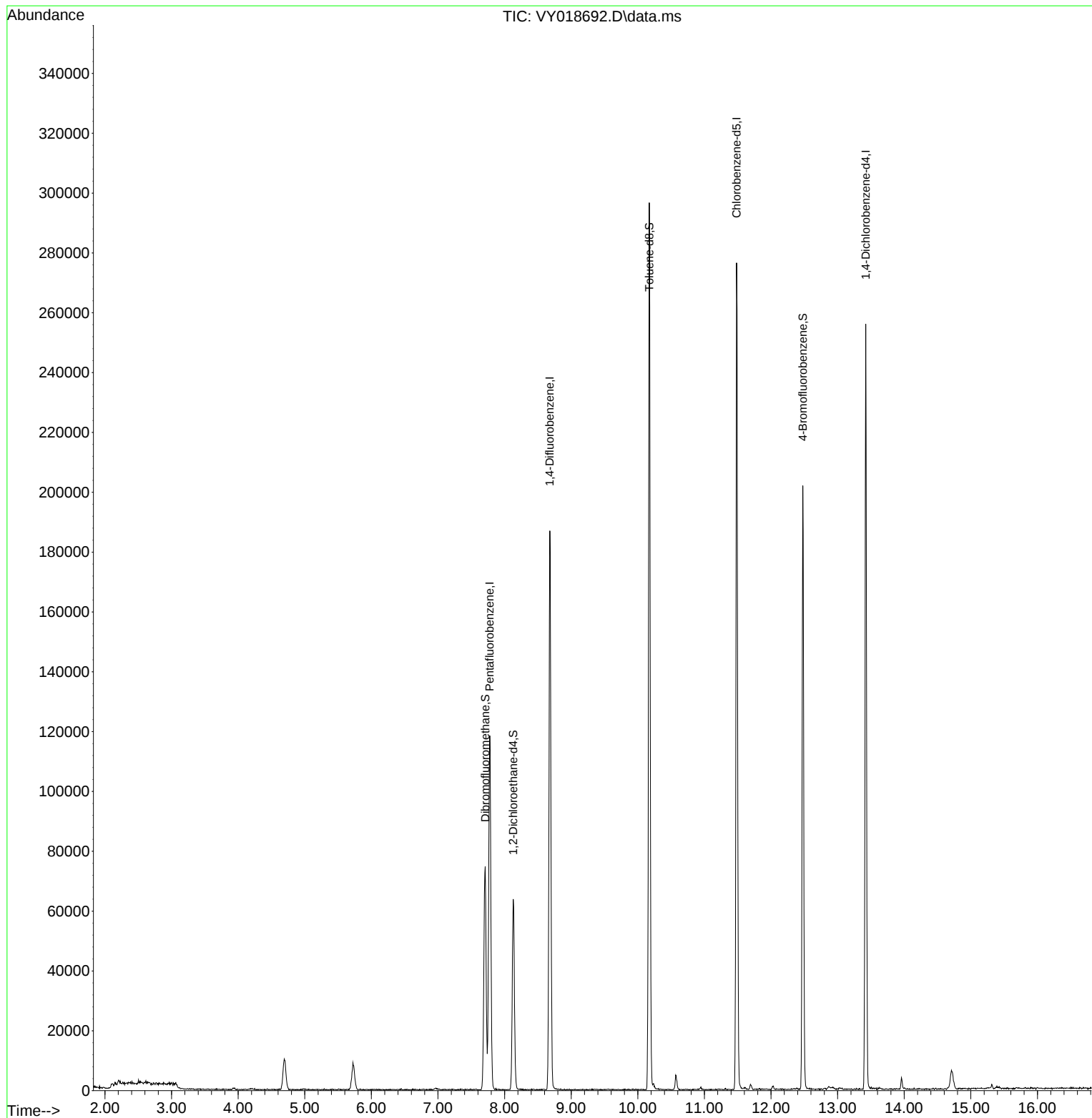
Target Compounds	Qvalue

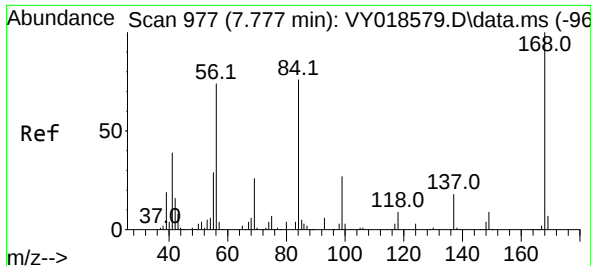
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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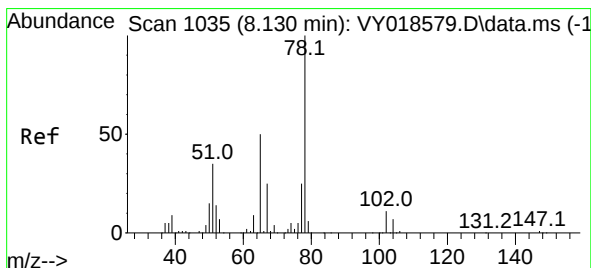
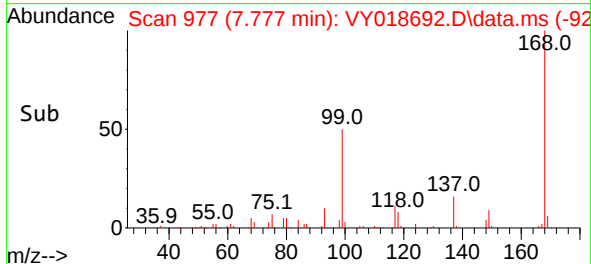
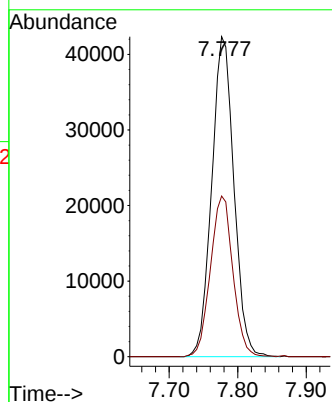
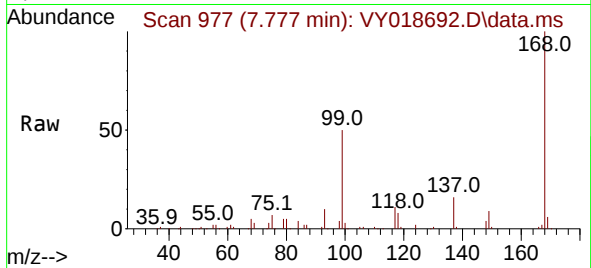




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018692.D
Acq: 25 Jun 2024 16:46

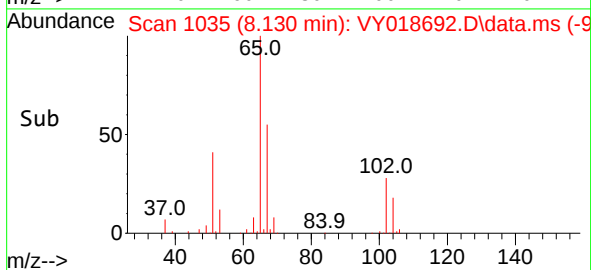
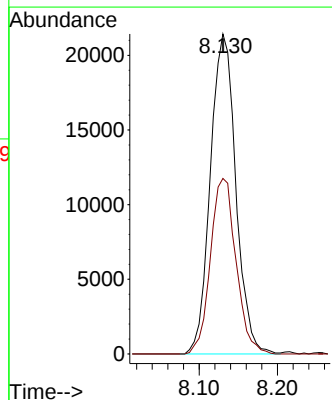
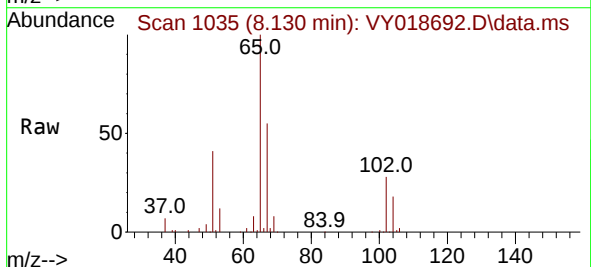
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-062424

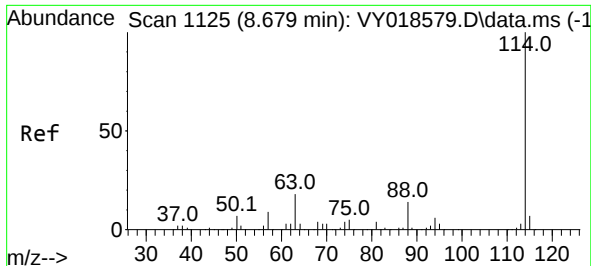
Tgt Ion:168 Resp: 94982
Ion Ratio Lower Upper
168 100
99 50.2 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 50.626 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.000 min
Lab File: VY018692.D
Acq: 25 Jun 2024 16:46

Tgt Ion: 65 Resp: 48412
Ion Ratio Lower Upper
65 100
67 55.1 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. -0.000 min

Lab File: VY018692.D

Acq: 25 Jun 2024 16:46

Instrument :

MSVOA_Y

ClientSampleId :

EO-01-062424

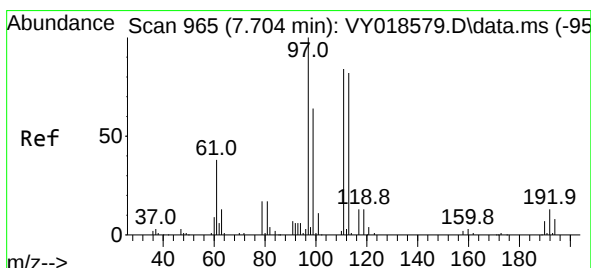
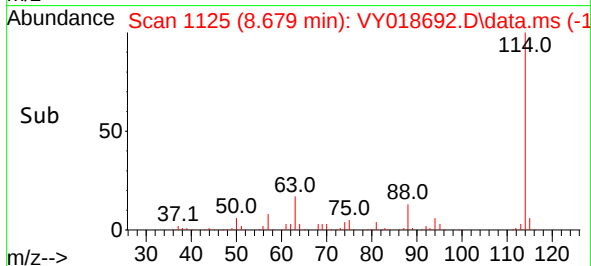
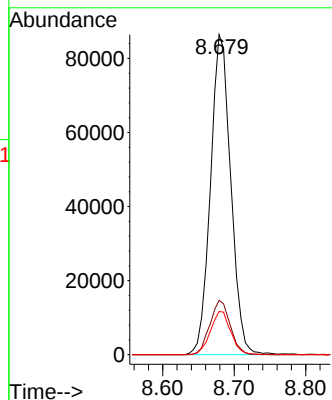
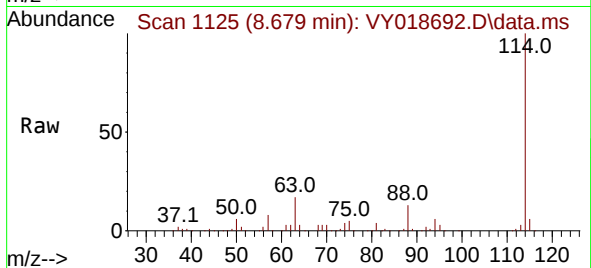
Tgt Ion:114 Resp: 170195

Ion Ratio Lower Upper

114 100

63 17.0 0.0 35.0

88 13.5 0.0 27.2



#35

Dibromofluoromethane

Concen: 51.754 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.006 min

Lab File: VY018692.D

Acq: 25 Jun 2024 16:46

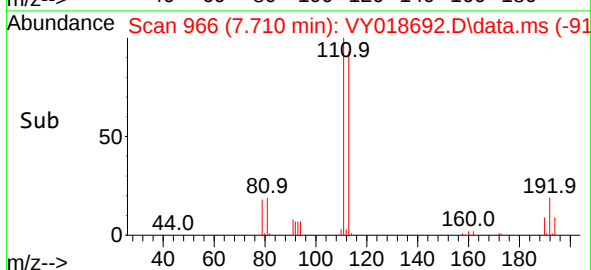
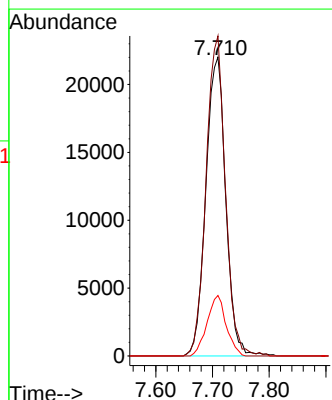
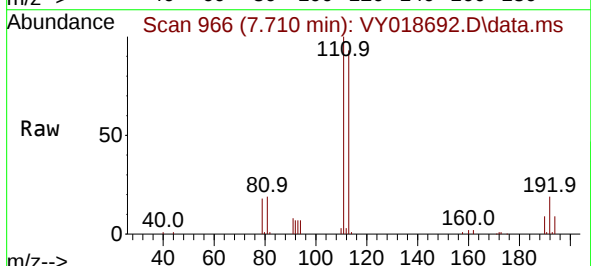
Tgt Ion:113 Resp: 53732

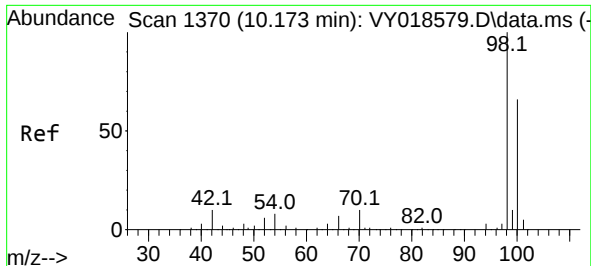
Ion Ratio Lower Upper

113 100

111 103.2 82.2 123.4

192 19.4 15.9 23.9

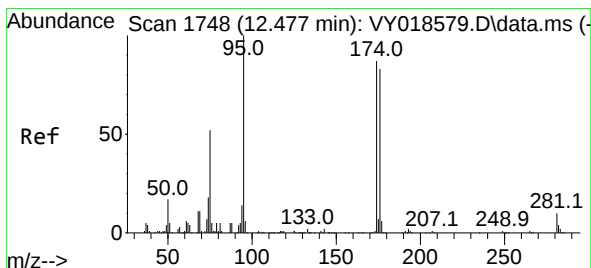
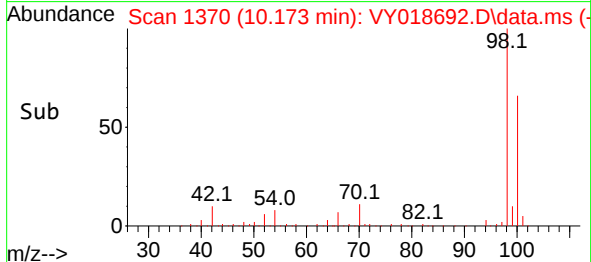
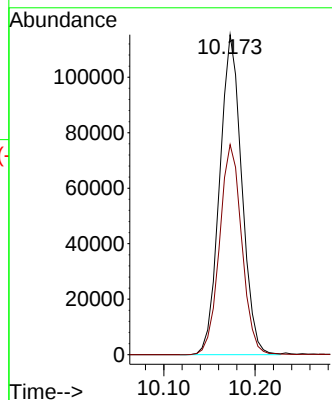
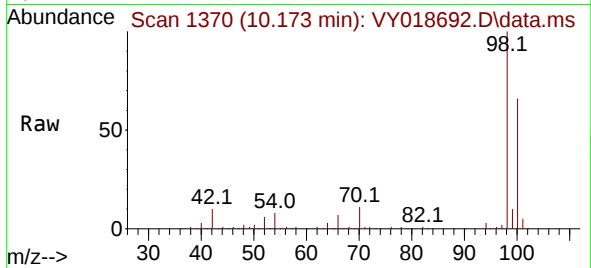




#50
Toluene-d8
Concen: 48.565 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY018692.D
Acq: 25 Jun 2024 16:46

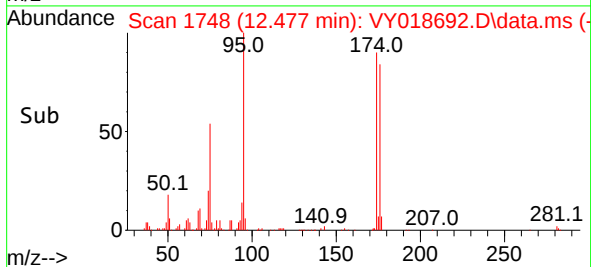
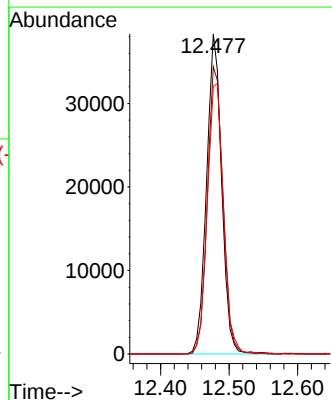
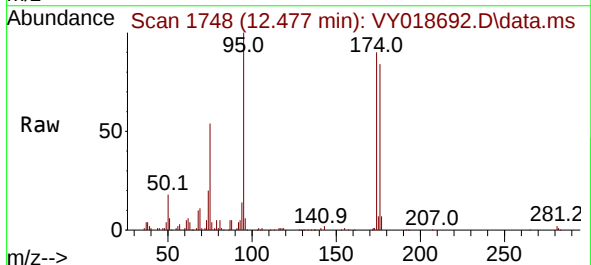
Instrument :
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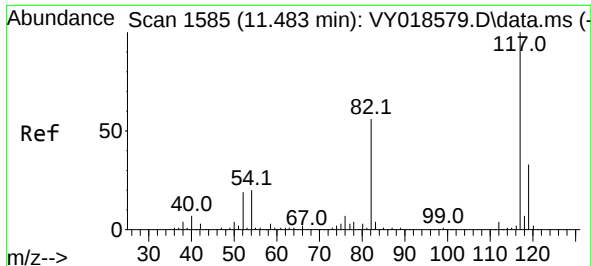
Tgt Ion: 98 Resp: 193902
Ion Ratio Lower Upper
98 100
100 66.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 46.581 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY018692.D
Acq: 25 Jun 2024 16:46

Tgt Ion: 95 Resp: 58727
Ion Ratio Lower Upper
95 100
174 92.4 0.0 175.6
176 91.6 0.0 171.4

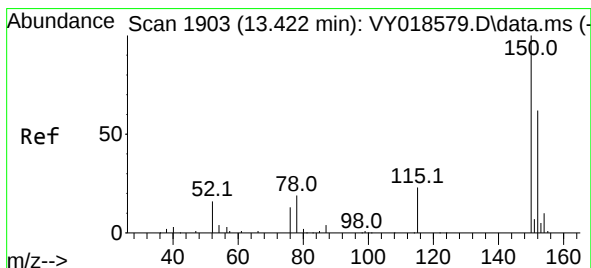
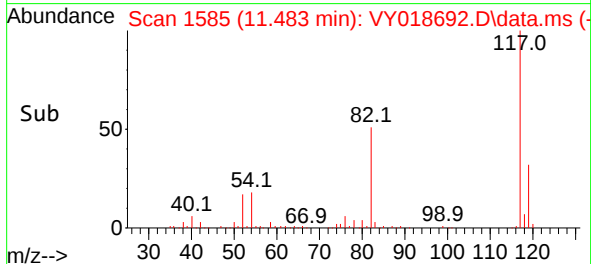
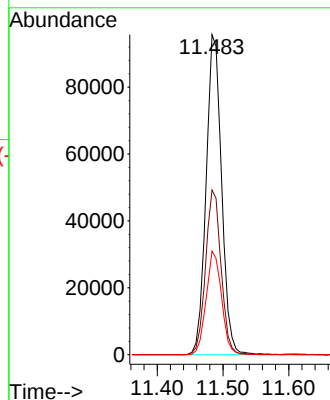
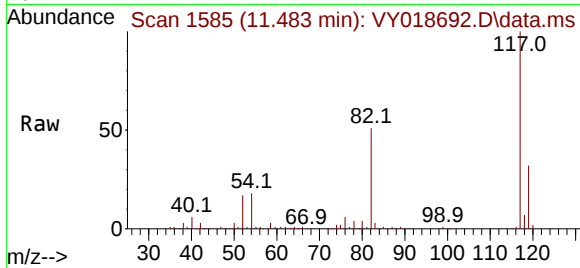




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018692.D
Acq: 25 Jun 2024 16:46

Instrument :
MSVOA_Y
ClientSampleId :
EO-01-062424

Tgt Ion:117 Resp: 156797
Ion Ratio Lower Upper
117 100
82 51.5 42.4 63.6
119 32.4 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: VY018692.D
Acq: 25 Jun 2024 16:46

Tgt Ion:152 Resp: 66131
Ion Ratio Lower Upper
152 100
115 55.4 28.2 84.7
150 156.5 0.0 345.6

