

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061824\
 Data File : VY018630.D
 Acq On : 18 Jun 2024 14:29
 Operator : SY/MD
 Sample : P2915-01RE
 Misc : 5.72g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-NORTH-1RE

Quant Time: Jun 19 02:02:36 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	92270	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	161514	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	131141	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	44645	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.124	65	38766	41.730	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.460%
35) Dibromofluoromethane	7.704	113	46637	47.335	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.660%
50) Toluene-d8	10.173	98	188128	49.651	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.300%
62) 4-Bromofluorobenzene	12.477	95	45570	38.088	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	76.180%

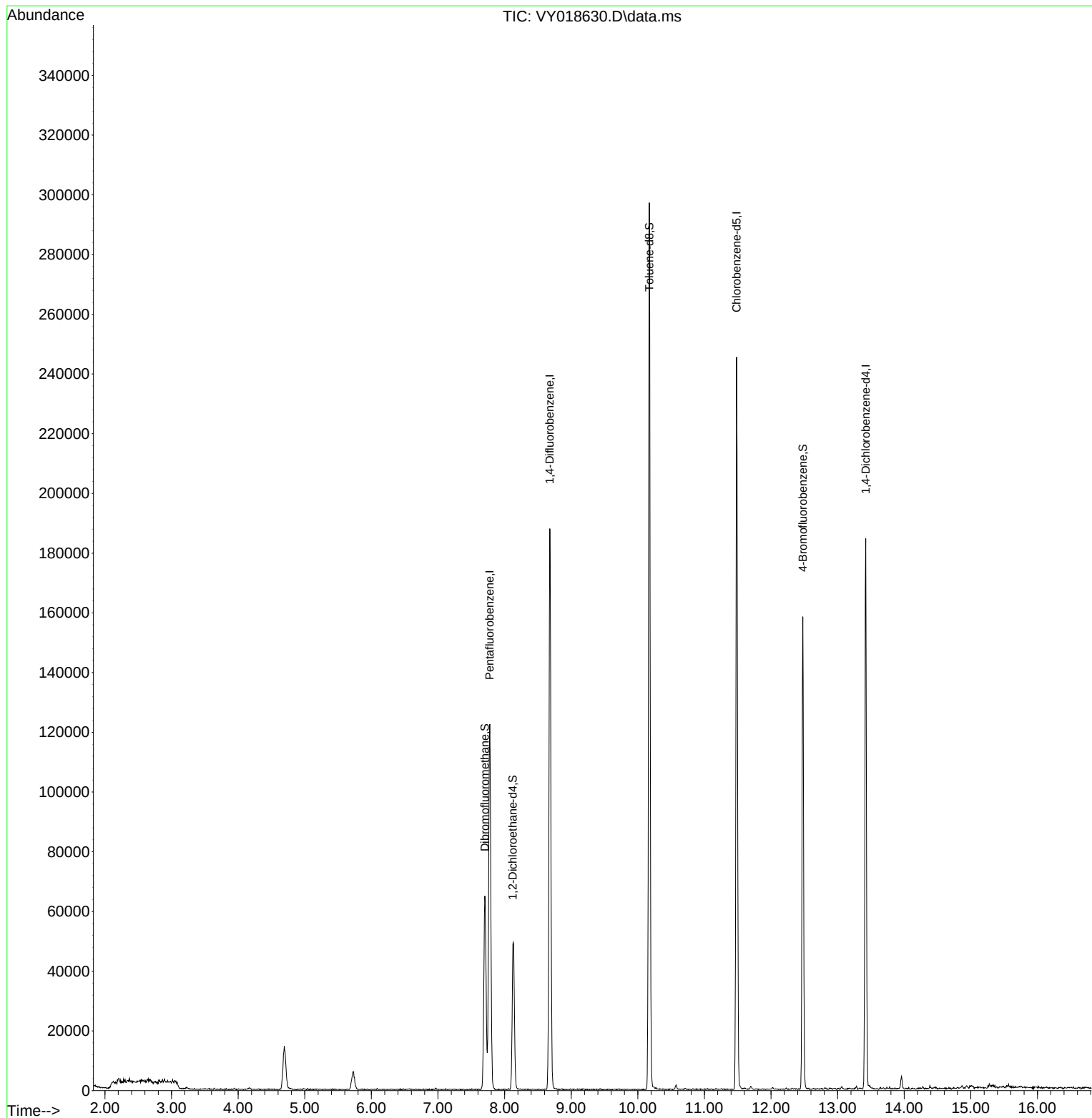
Target Compounds	Qvalue

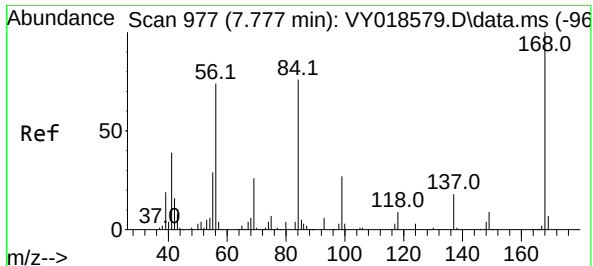
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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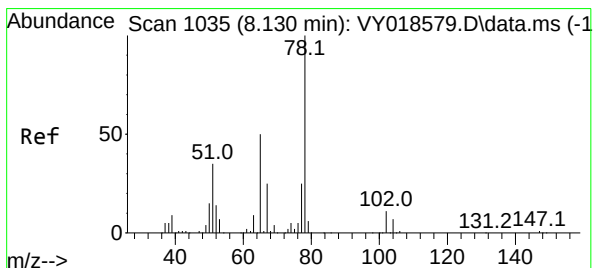
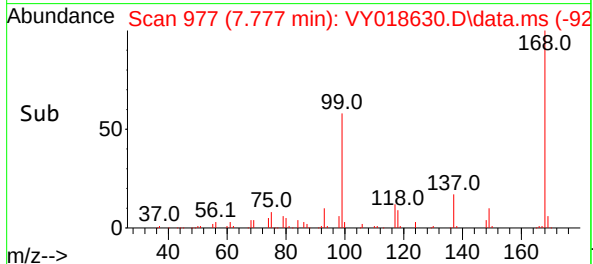
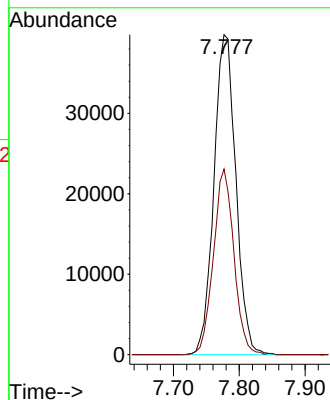
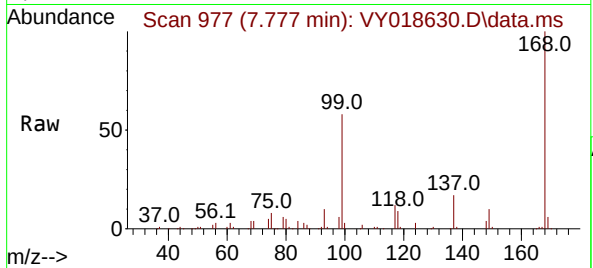




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018630.D
Acq: 18 Jun 2024 14:29

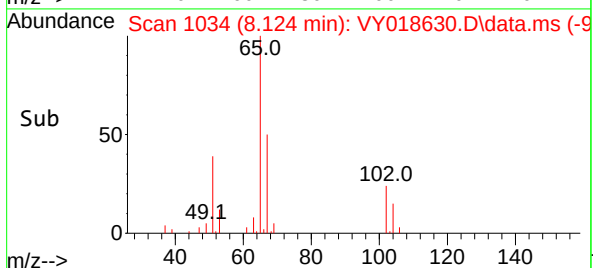
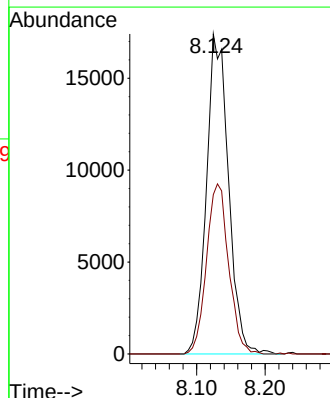
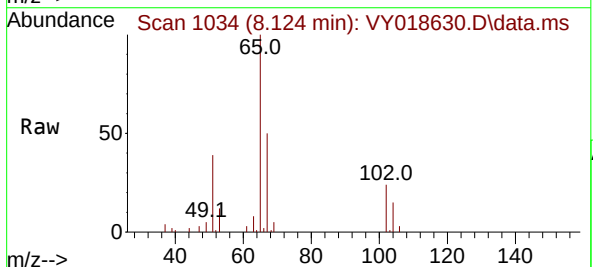
Instrument :
MSVOA_Y
ClientSampleId :
WC-NORTH-1RE

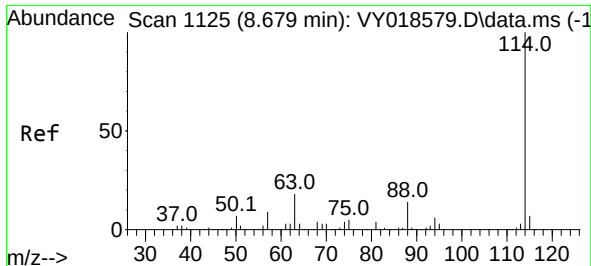
Tgt Ion:168 Resp: 92270
Ion Ratio Lower Upper
168 100
99 58.0 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 41.730 ug/l
RT: 8.124 min Scan# 1034
Delta R.T. -0.006 min
Lab File: VY018630.D
Acq: 18 Jun 2024 14:29

Tgt Ion: 65 Resp: 38766
Ion Ratio Lower Upper
65 100
67 53.7 0.0 109.6

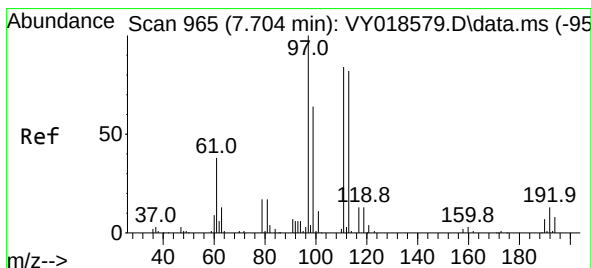
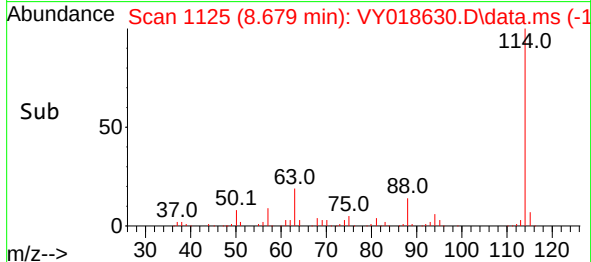
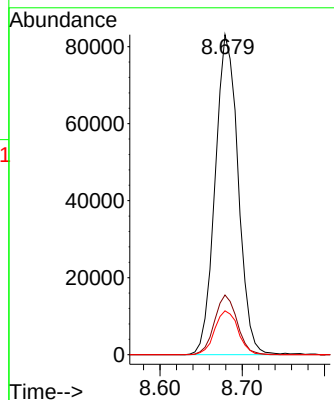
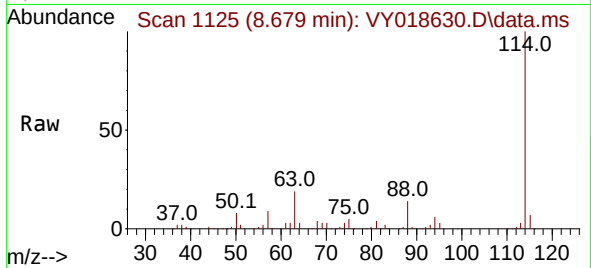




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.679 min Scan# 1125
Delta R.T. 0.000 min
Lab File: VY018630.D
Acq: 18 Jun 2024 14:29

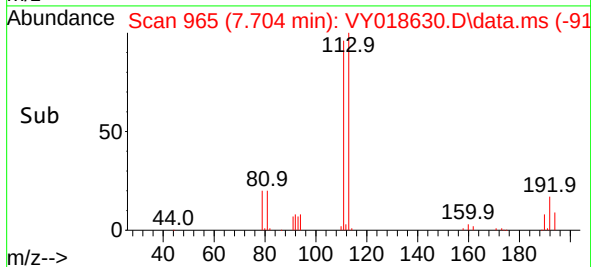
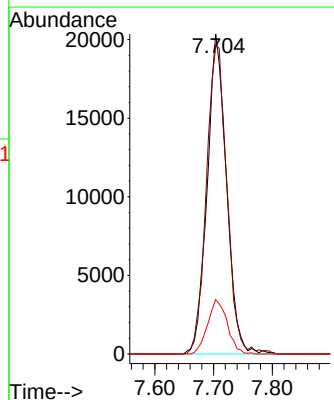
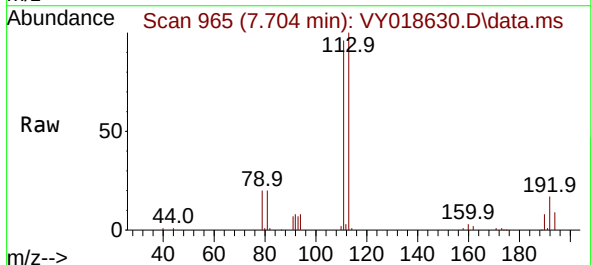
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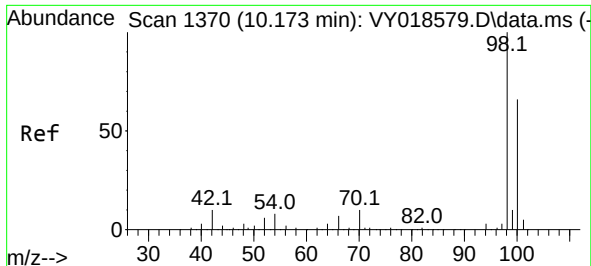
Tgt Ion:114 Resp: 161514
Ion Ratio Lower Upper
114 100
63 18.6 0.0 35.0
88 13.7 0.0 27.2



#35
Dibromofluoromethane
Concen: 47.335 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY018630.D
Acq: 18 Jun 2024 14:29

Tgt Ion:113 Resp: 46637
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.4
192 17.2 15.9 23.9

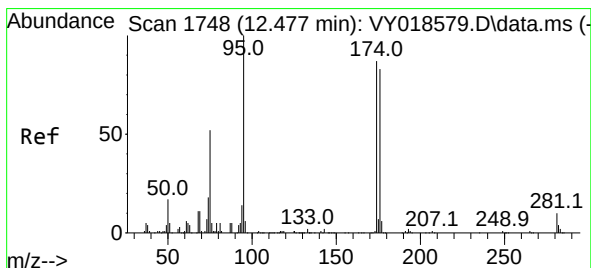
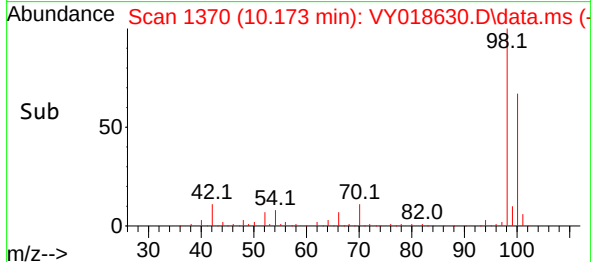
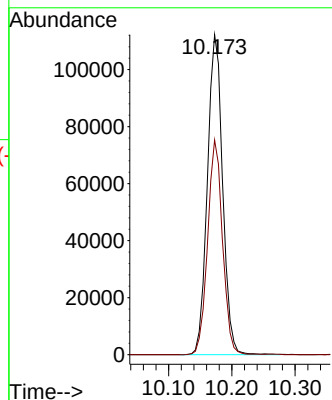
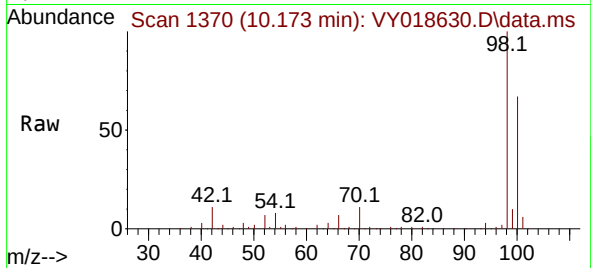




#50
Toluene-d8
Concen: 49.651 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018630.D
Acq: 18 Jun 2024 14:29

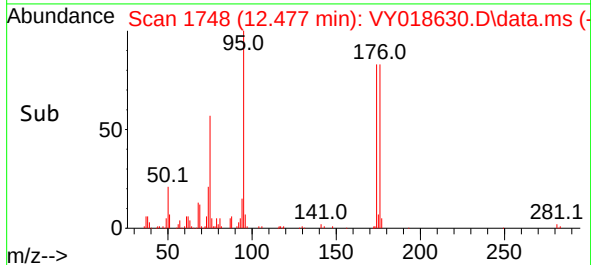
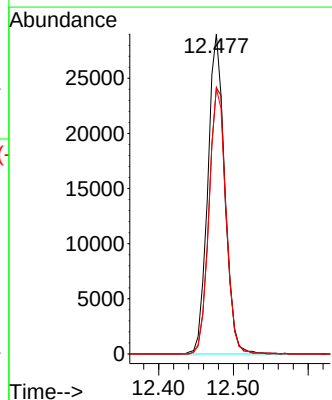
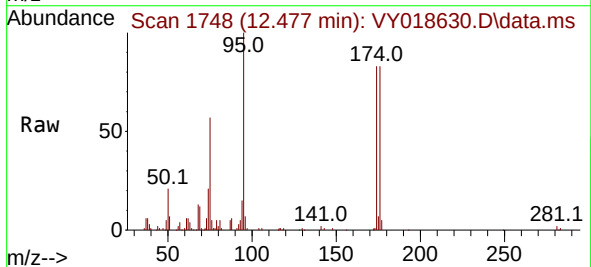
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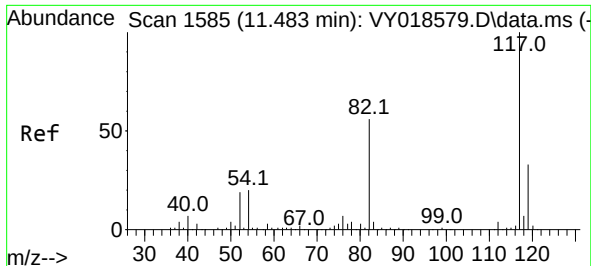
Tgt Ion: 98 Resp: 188128
Ion Ratio Lower Upper
98 100
100 65.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 38.088 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018630.D
Acq: 18 Jun 2024 14:29

Tgt Ion: 95 Resp: 45570
Ion Ratio Lower Upper
95 100
174 84.7 0.0 175.6
176 83.2 0.0 171.4

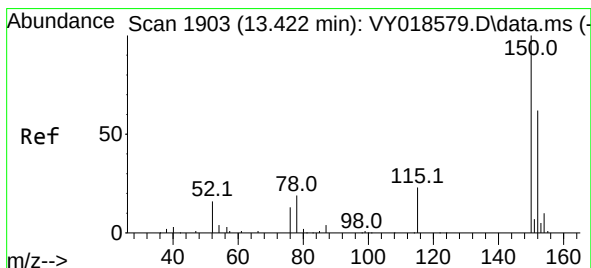
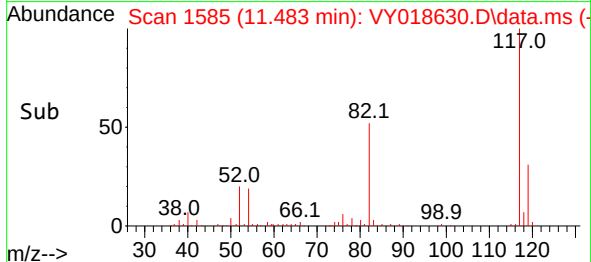
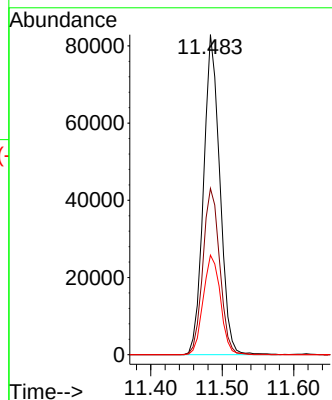
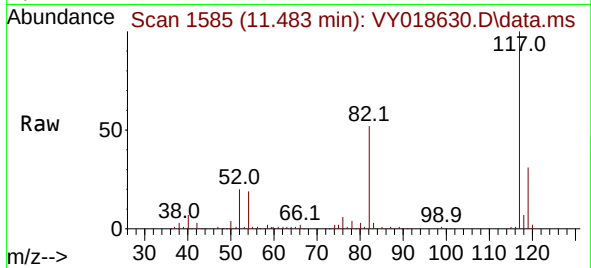




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018630.D
Acq: 18 Jun 2024 14:29

Instrument :
MSVOA_Y
ClientSampleId :
WC-NORTH-1RE

Tgt Ion:117 Resp: 131141
Ion Ratio Lower Upper
117 100
82 52.0 42.4 63.6
119 31.1 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: VY018630.D
Acq: 18 Jun 2024 14:29

Tgt Ion:152 Resp: 44645
Ion Ratio Lower Upper
152 100
115 57.9 28.2 84.7
150 160.9 0.0 345.6

