

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062824\
 Data File : VY018730.D
 Acq On : 28 Jun 2024 15:48
 Operator : SY/MD
 Sample : P3129-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RT4259

Quant Time: Jul 01 01:46:41 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	7.783	168	115985	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	212730	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	190780	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	74137	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	57766	49.469	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.940%
35) Dibromofluoromethane	7.704	113	66111	50.945	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.900%
50) Toluene-d8	10.173	98	243668	48.827	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.660%
62) 4-Bromofluorobenzene	12.477	95	71143	45.146	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.300%

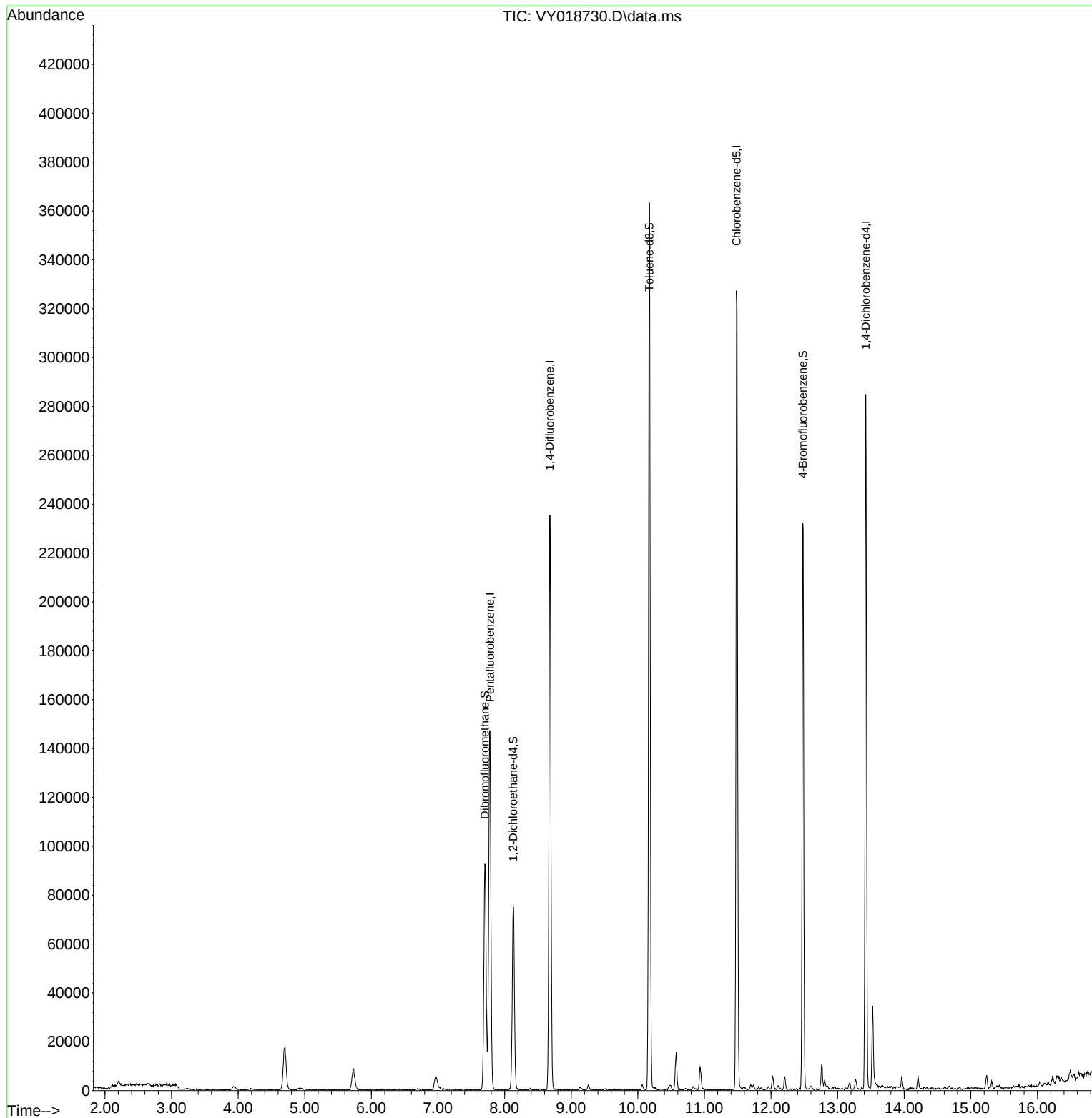
Target Compounds	Qvalue

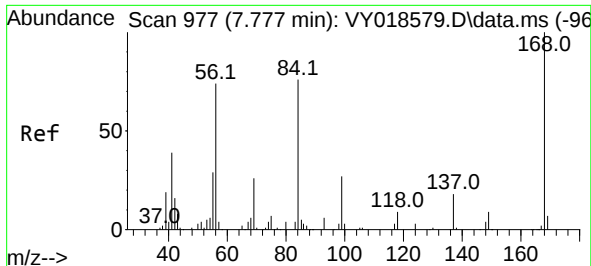
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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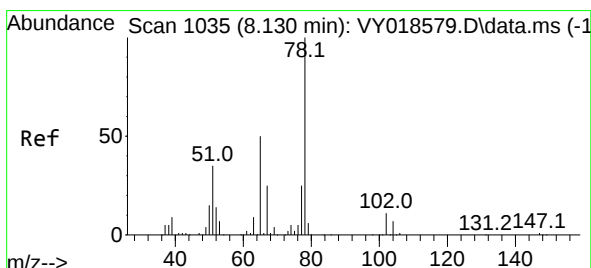
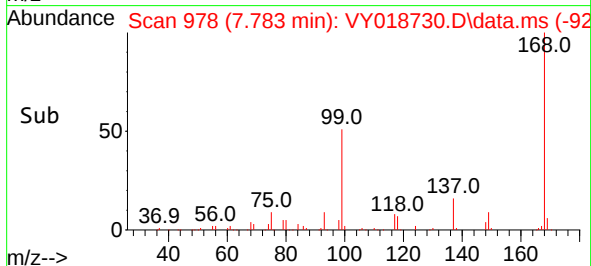
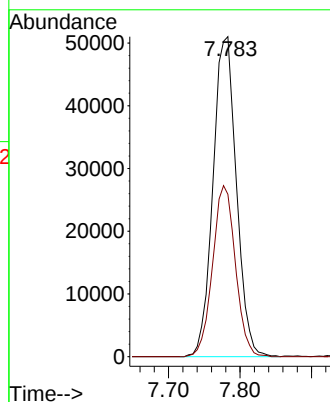
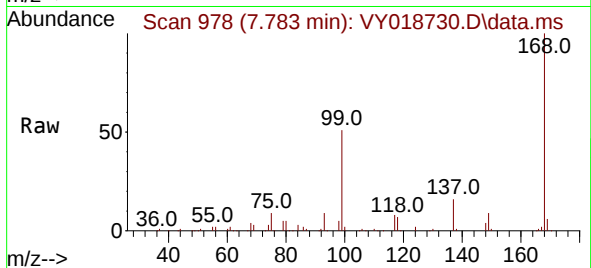




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018730.D
Acq: 28 Jun 2024 15:48

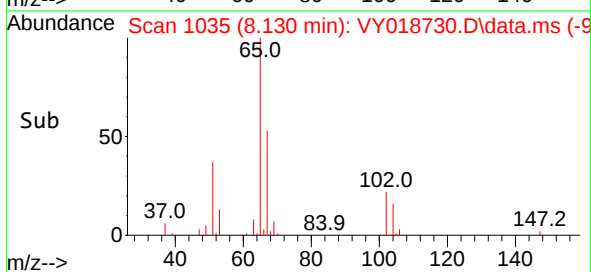
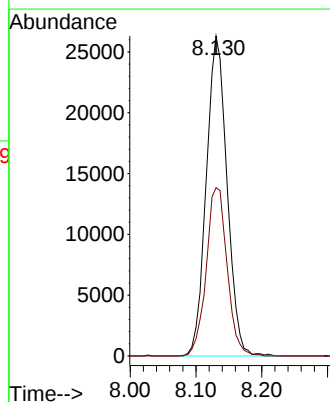
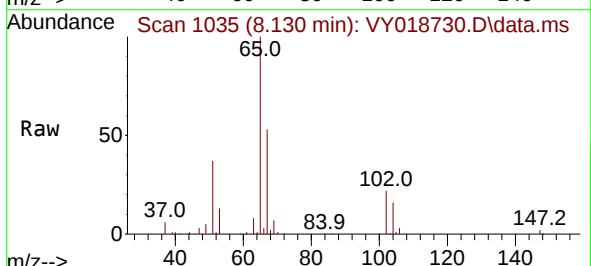
Instrument :
MSVOA_Y
ClientSampleId :
RT4259

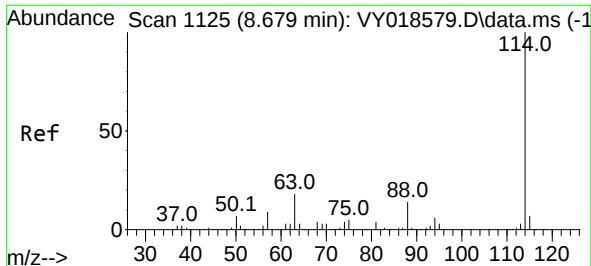
Tgt Ion:168 Resp: 115985
Ion Ratio Lower Upper
168 100
99 50.8 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 49.469 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY018730.D
Acq: 28 Jun 2024 15:48

Tgt Ion: 65 Resp: 57766
Ion Ratio Lower Upper
65 100
67 53.0 0.0 109.6

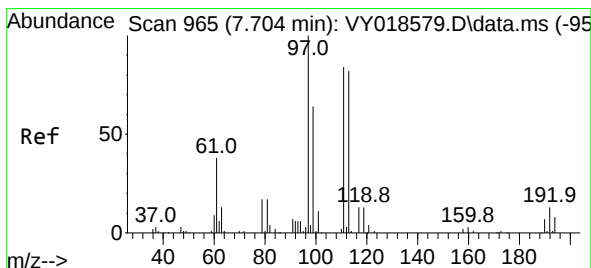
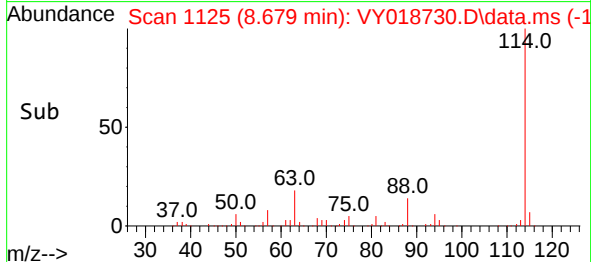
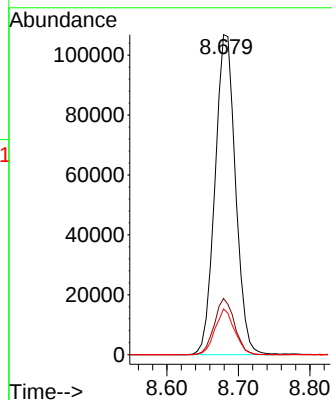
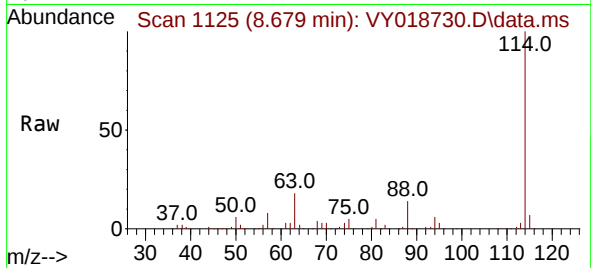




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.679 min Scan# 1125
Delta R.T. 0.000 min
Lab File: VY018730.D
Acq: 28 Jun 2024 15:48

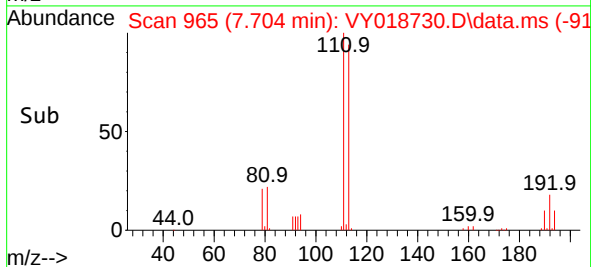
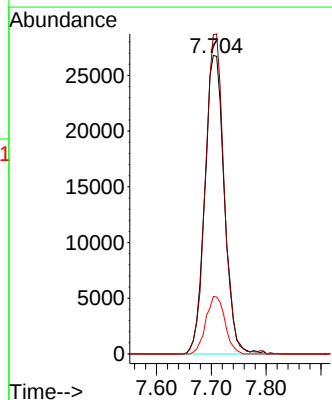
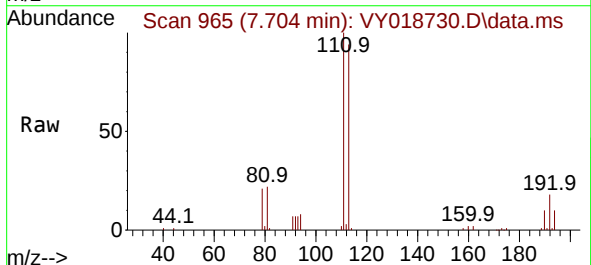
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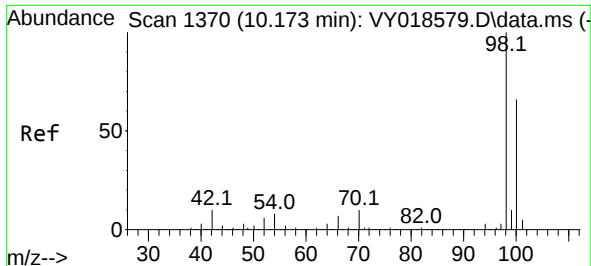
Tgt Ion:114 Resp: 212730
Ion Ratio Lower Upper
114 100
63 17.6 0.0 35.0
88 14.3 0.0 27.2



#35
Dibromofluoromethane
Concen: 50.945 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY018730.D
Acq: 28 Jun 2024 15:48

Tgt Ion:113 Resp: 66111
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.4
192 18.8 15.9 23.9

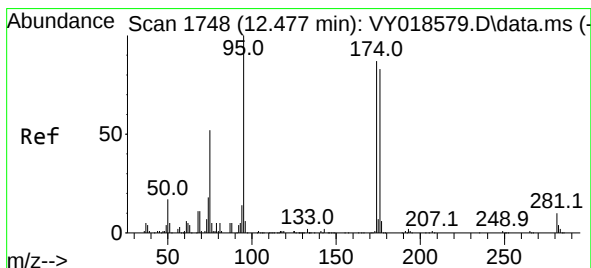
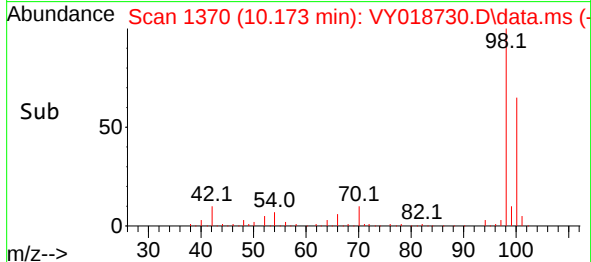
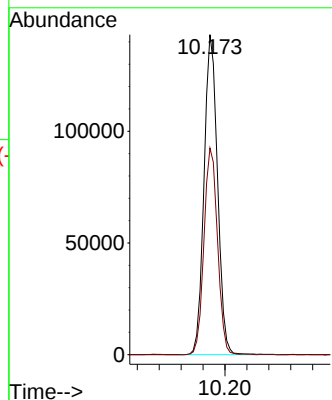
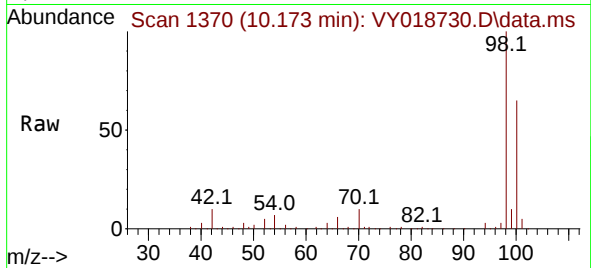




#50
Toluene-d8
Concen: 48.827 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018730.D
Acq: 28 Jun 2024 15:48

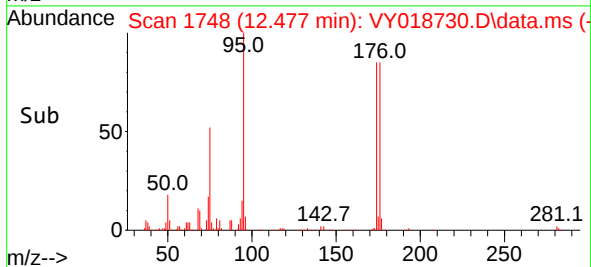
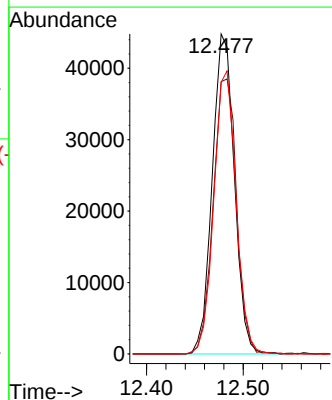
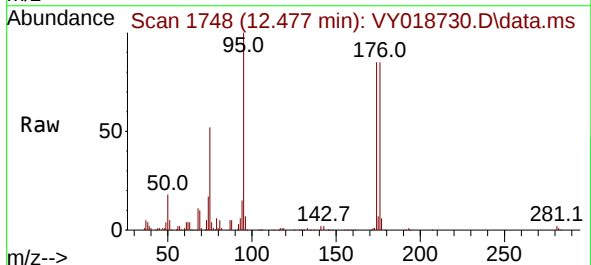
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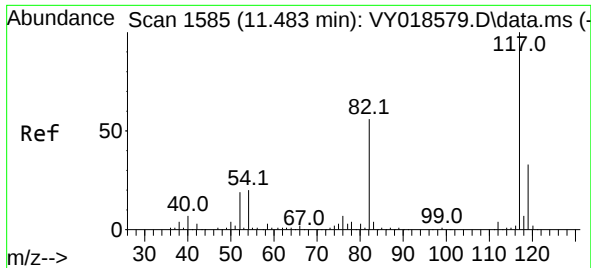
Tgt Ion: 98 Resp: 243668
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.146 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018730.D
Acq: 28 Jun 2024 15:48

Tgt Ion: 95 Resp: 71143
Ion Ratio Lower Upper
95 100
174 90.6 0.0 175.6
176 89.1 0.0 171.4

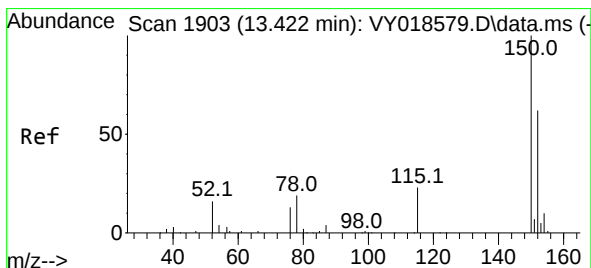
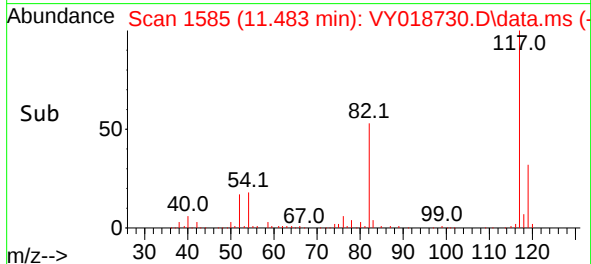
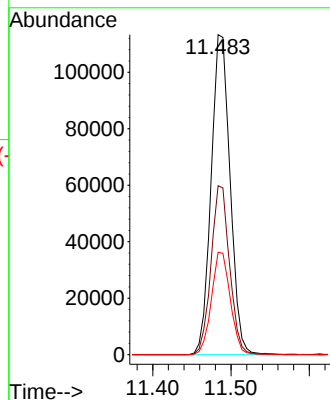
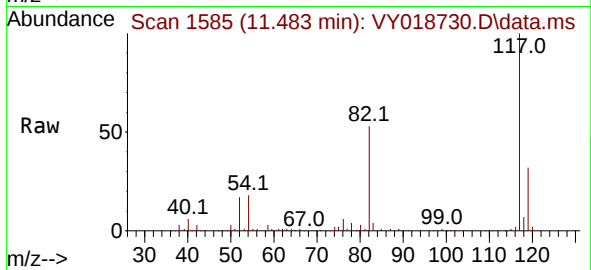




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018730.D
Acq: 28 Jun 2024 15:48

Instrument :
MSVOA_Y
ClientSampleId :
RT4259

Tgt Ion:117 Resp: 190780
Ion Ratio Lower Upper
117 100
82 52.8 42.4 63.6
119 32.0 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: VY018730.D
Acq: 28 Jun 2024 15:48

Tgt Ion:152 Resp: 74137
Ion Ratio Lower Upper
152 100
115 56.2 28.2 84.7
150 157.0 0.0 345.6

