

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071624\
 Data File : VY018830.D
 Acq On : 16 Jul 2024 14:15
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Jul 17 01:55:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.771	168	196179	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	343825	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	308357	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	133380	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.124	65	94407	48.904	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.800%
35) Dibromofluoromethane	7.704	113	105396	48.943	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.880%
50) Toluene-d8	10.173	98	384972	47.186	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.380%
62) 4-Bromofluorobenzene	12.477	95	129508	46.482	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.960%

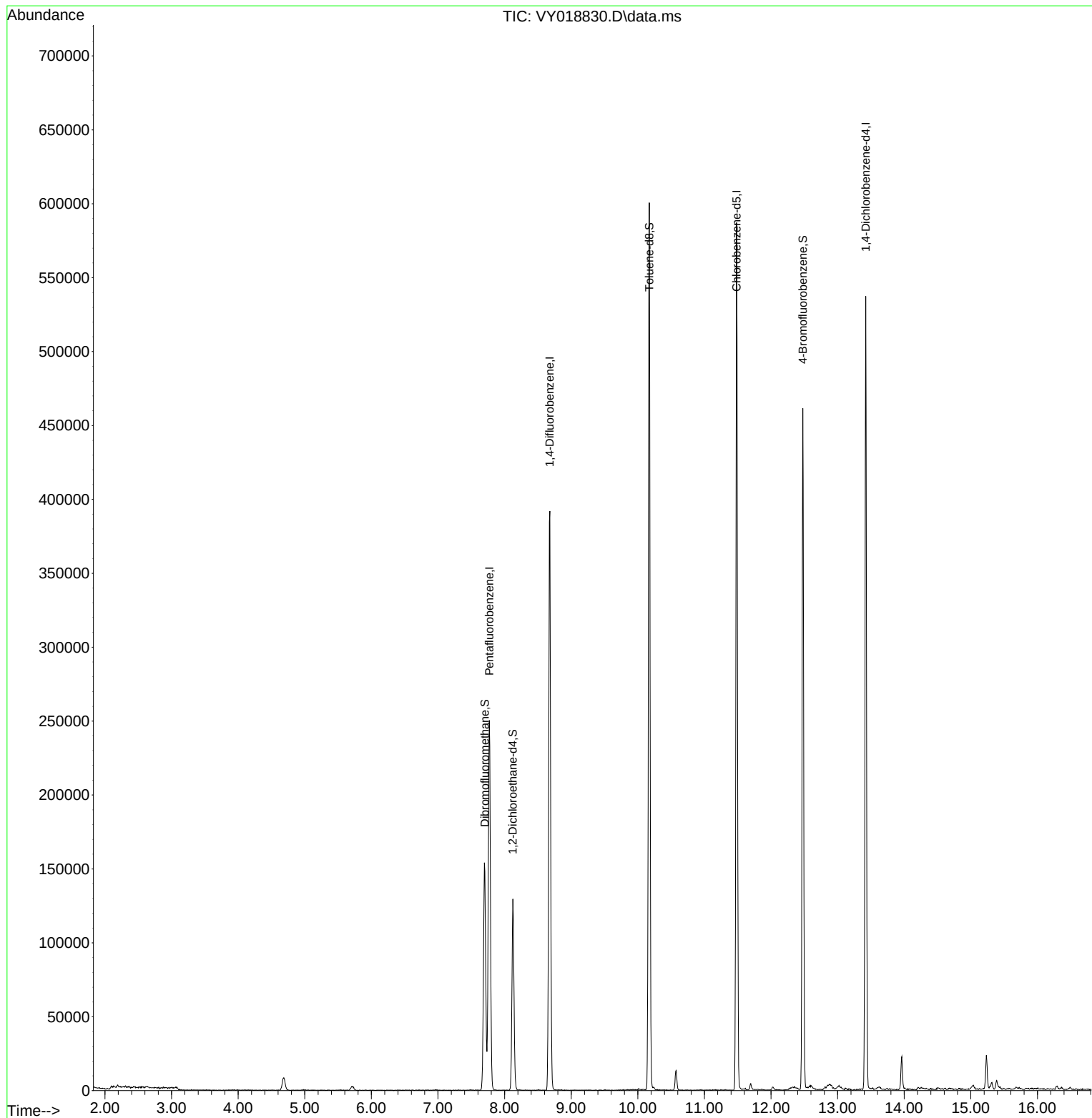
Target Compounds	Qvalue

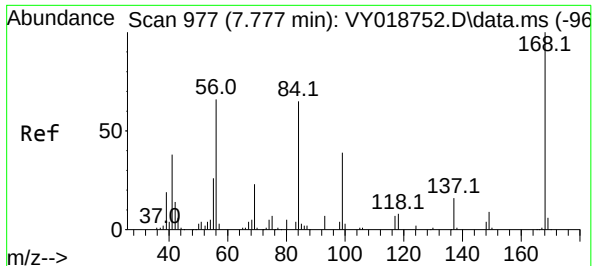
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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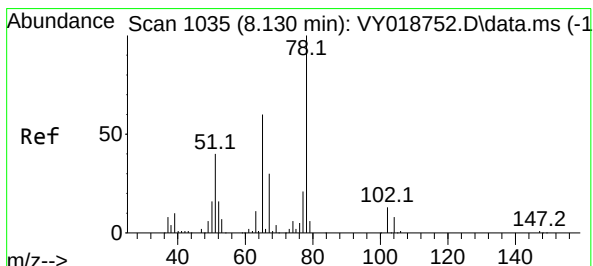
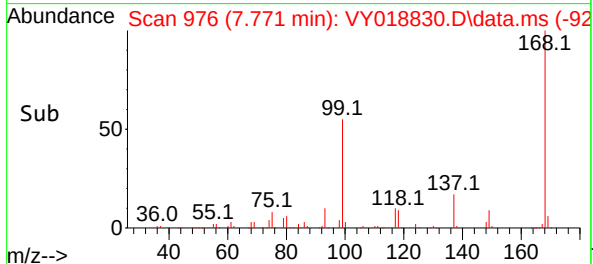
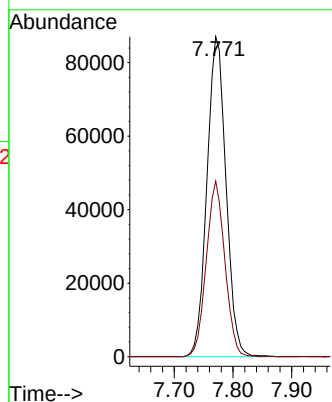
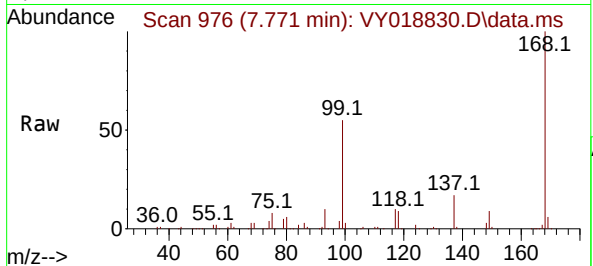




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018830.D
Acq: 16 Jul 2024 14:15

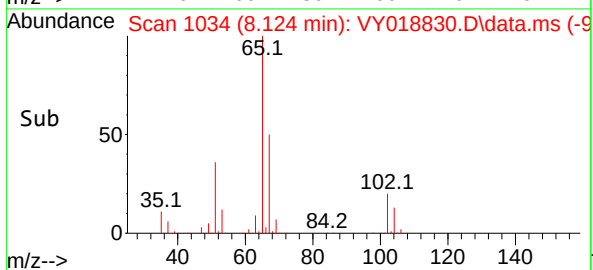
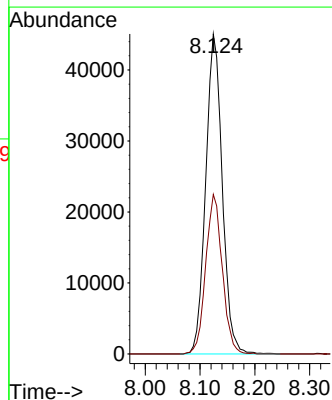
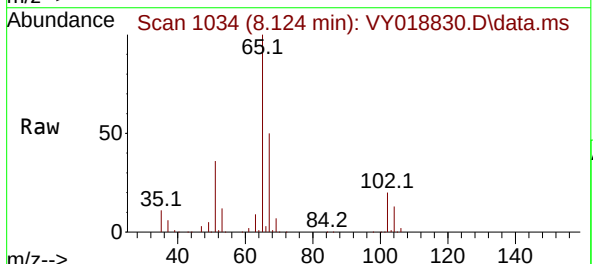
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

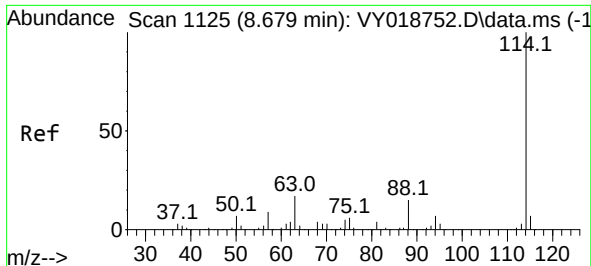
Tgt Ion:168 Resp: 196179
Ion Ratio Lower Upper
168 100
99 54.9 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 48.904 ug/l
RT: 8.124 min Scan# 1034
Delta R.T. -0.006 min
Lab File: VY018830.D
Acq: 16 Jul 2024 14:15

Tgt Ion: 65 Resp: 94407
Ion Ratio Lower Upper
65 100
67 50.0 0.0 109.6

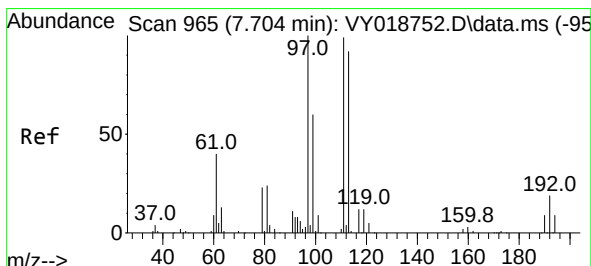
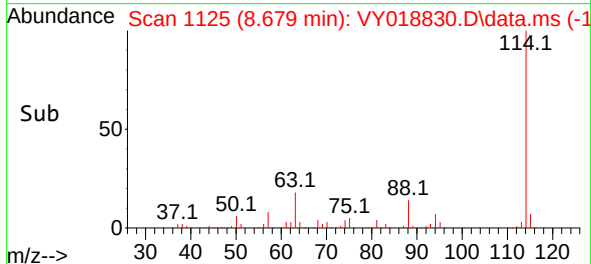
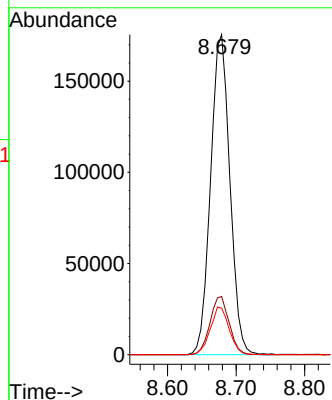
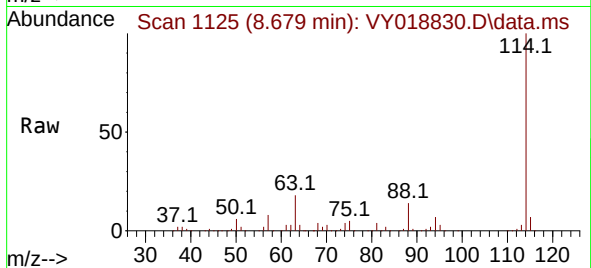




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.679 min Scan# 1125
Delta R.T. -0.000 min
Lab File: VY018830.D
Acq: 16 Jul 2024 14:15

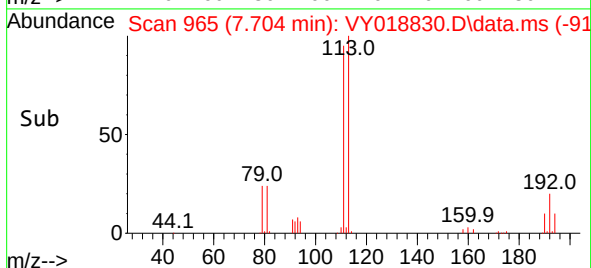
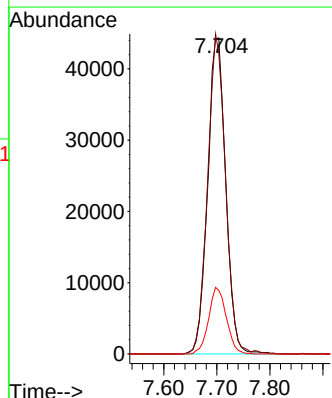
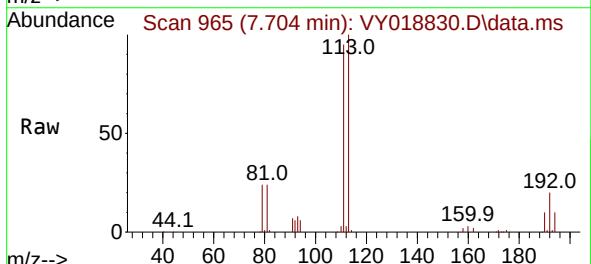
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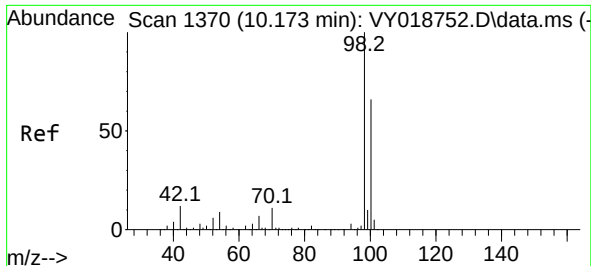
Tgt Ion:114 Resp: 343825
Ion Ratio Lower Upper
114 100
63 18.2 0.0 35.0
88 14.5 0.0 27.2



#35
Dibromofluoromethane
Concen: 48.943 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY018830.D
Acq: 16 Jul 2024 14:15

Tgt Ion:113 Resp: 105396
Ion Ratio Lower Upper
113 100
111 99.6 82.2 123.4
192 20.6 15.9 23.9

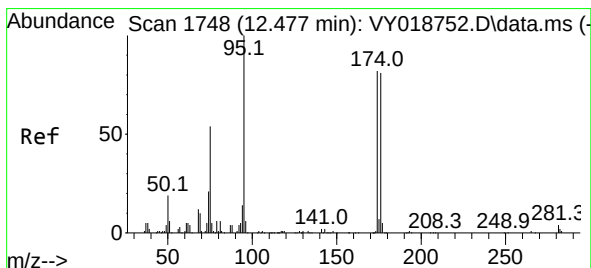
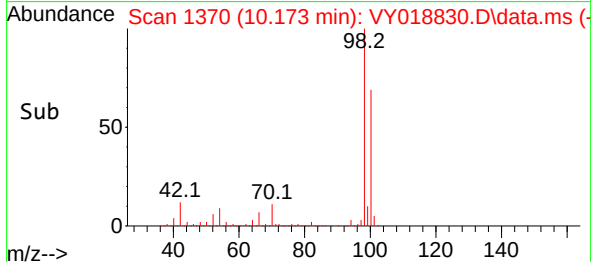
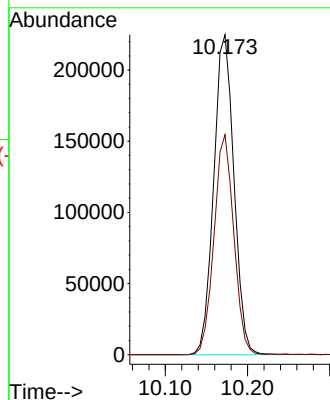
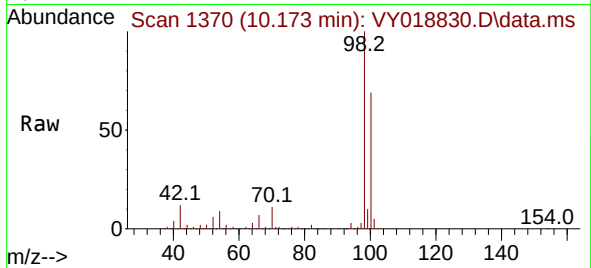




#50
Toluene-d8
Concen: 47.186 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018830.D
Acq: 16 Jul 2024 14:15

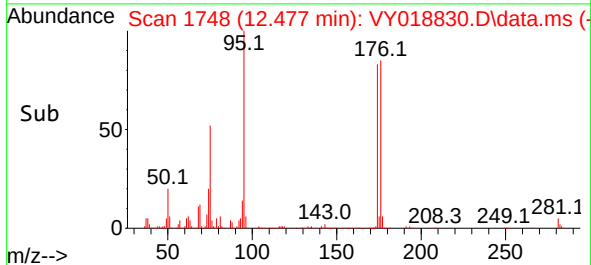
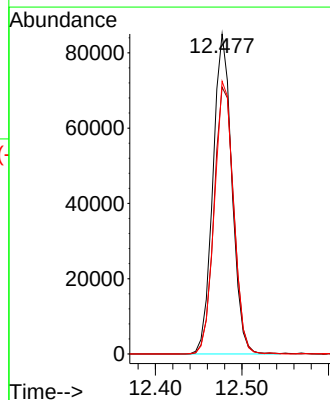
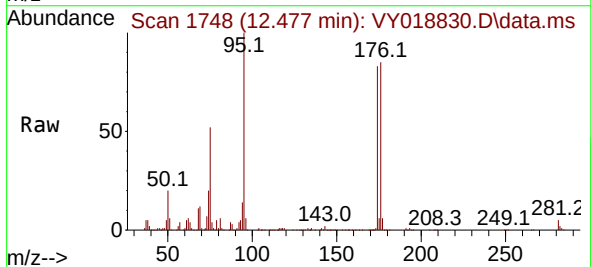
Instrument :
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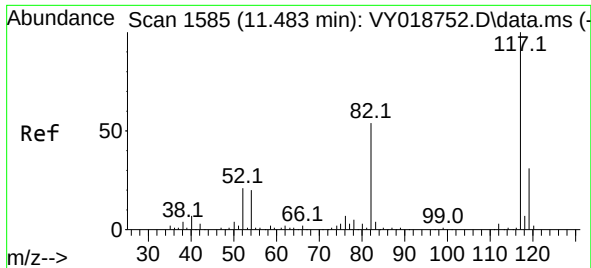
Tgt Ion: 98 Resp: 384972
Ion Ratio Lower Upper
98 100
100 67.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 46.482 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY018830.D
Acq: 16 Jul 2024 14:15

Tgt Ion: 95 Resp: 129508
Ion Ratio Lower Upper
95 100
174 86.8 0.0 175.6
176 86.0 0.0 171.4

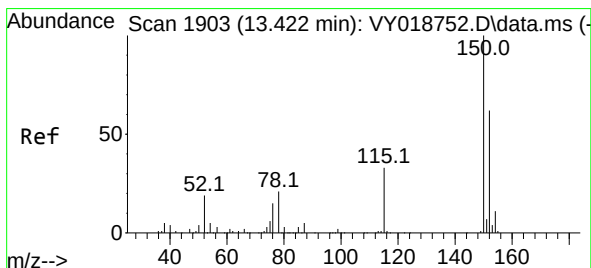
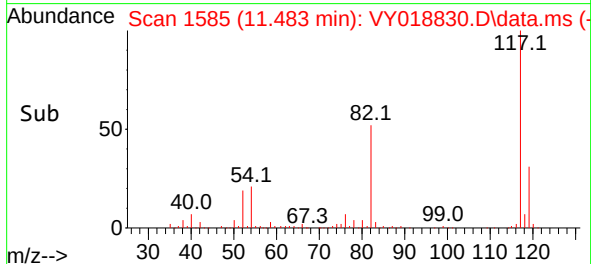
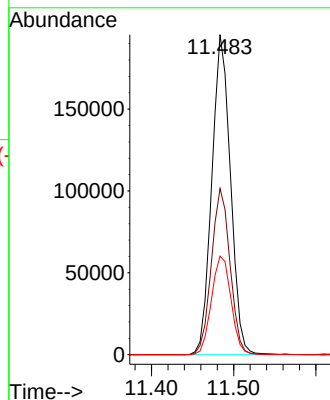
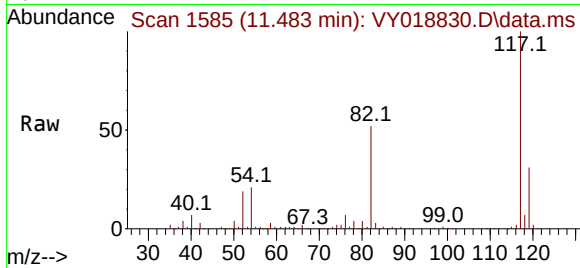




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018830.D
Acq: 16 Jul 2024 14:15

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 308357
Ion Ratio Lower Upper
117 100
82 51.9 42.4 63.6
119 30.8 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: VY018830.D
Acq: 16 Jul 2024 14:15

Tgt Ion:152 Resp: 133380
Ion Ratio Lower Upper
152 100
115 56.5 28.2 84.7
150 156.2 0.0 345.6

