

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042524\
 Data File : VY018042.D
 Acq On : 25 Apr 2024 11:22
 Operator : SY/MD
 Sample : VY0425SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0425SBL01

Quant Time: Apr 26 01:58:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	362509	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	620451	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	561299	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	218762	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	151404	48.263	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.520%
35) Dibromofluoromethane	7.728	113	189623	49.538	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.080%
50) Toluene-d8	10.185	98	712318	49.042	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.080%
62) 4-Bromofluorobenzene	12.489	95	198403	44.106	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	88.220%

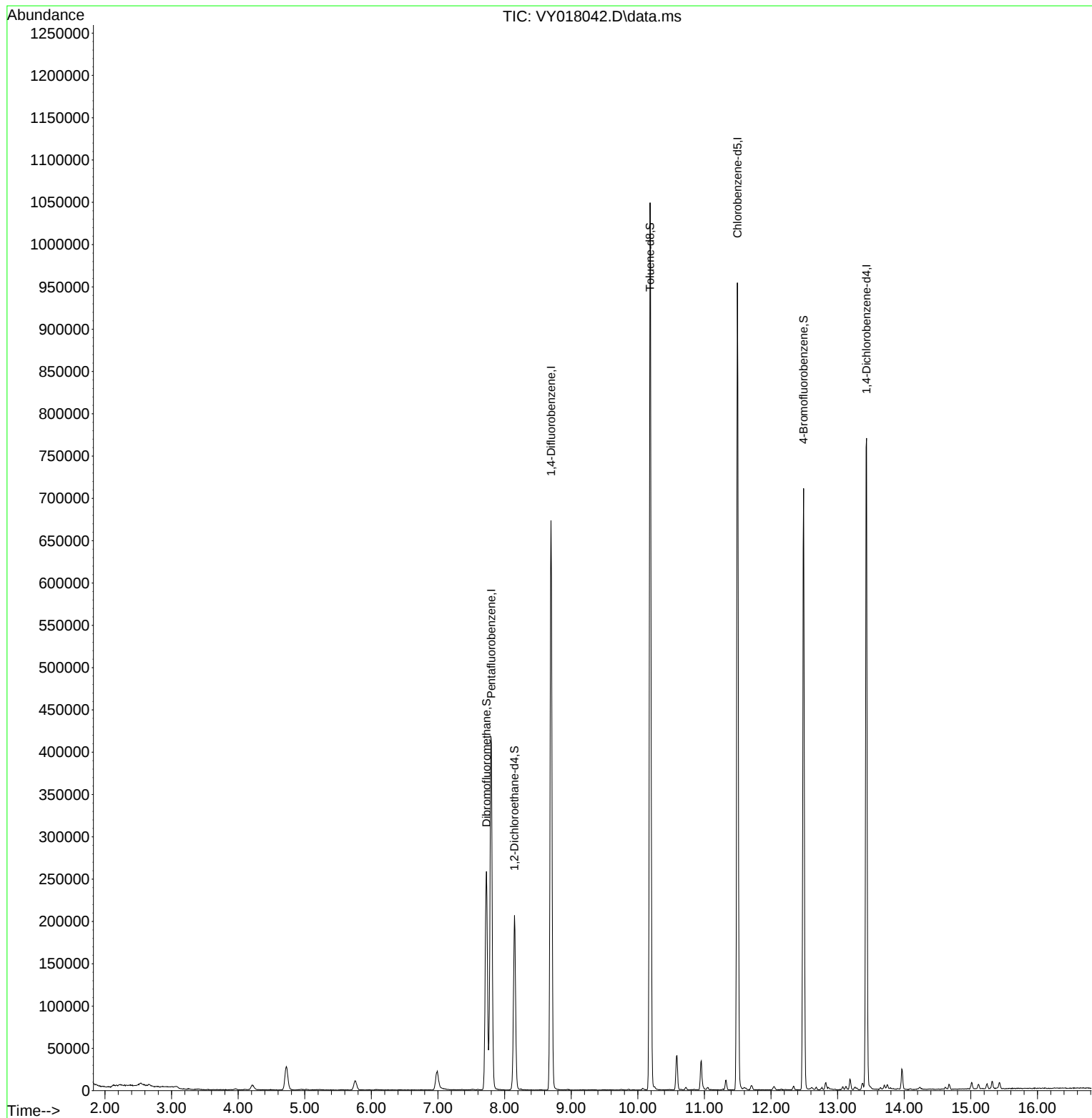
Target Compounds	Qvalue

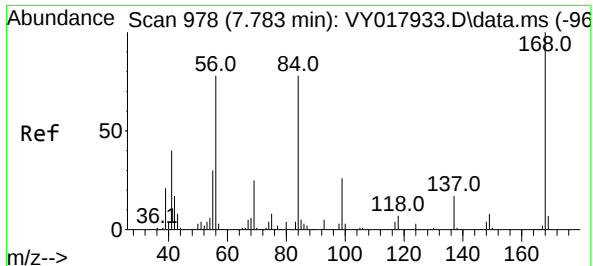
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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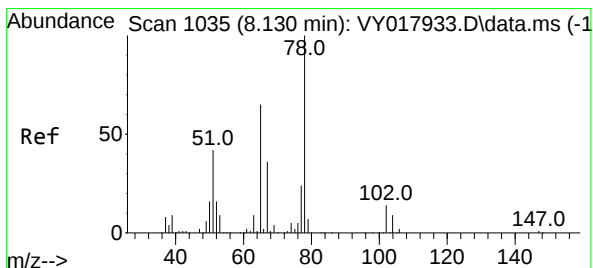
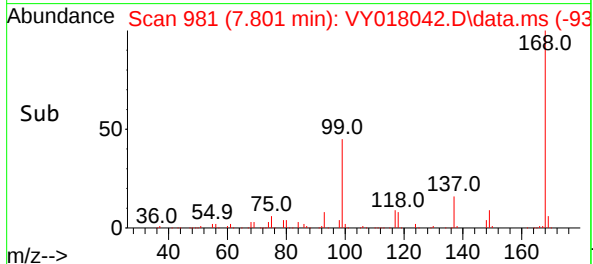
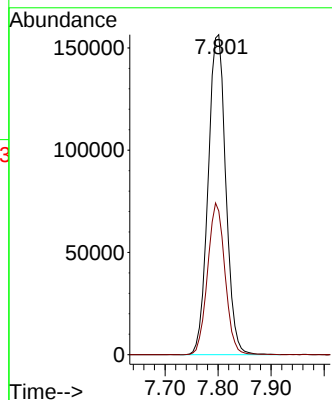
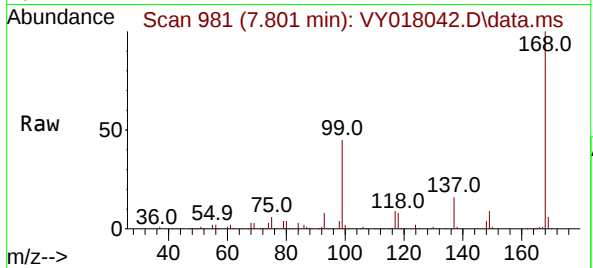




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY018042.D
Acq: 25 Apr 2024 11:22

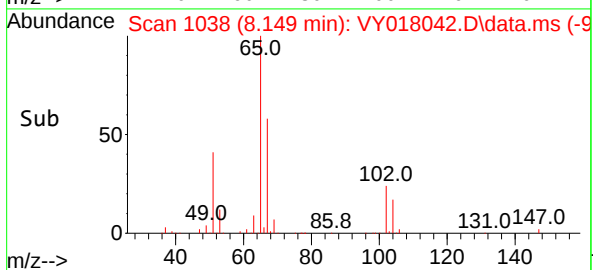
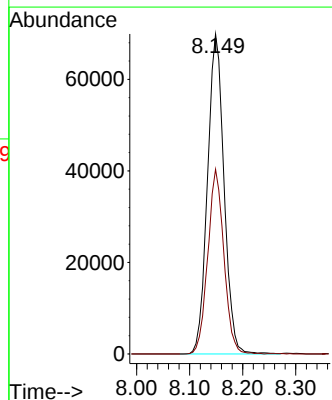
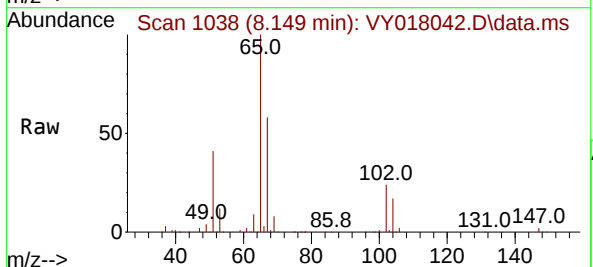
Instrument :
MSVOA_Y
ClientSampleId :
VY0425SBL01

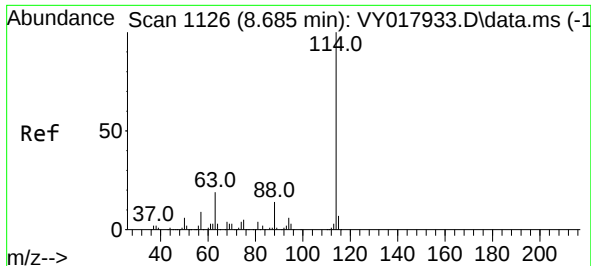
Tgt Ion:168 Resp: 362509
Ion Ratio Lower Upper
168 100
99 44.9 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 48.263 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY018042.D
Acq: 25 Apr 2024 11:22

Tgt Ion: 65 Resp: 151404
Ion Ratio Lower Upper
65 100
67 56.2 0.0 109.6

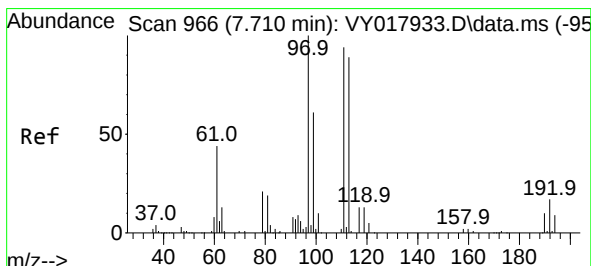
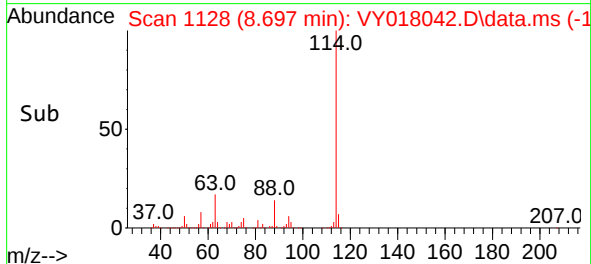
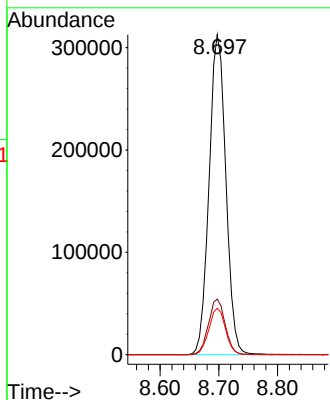
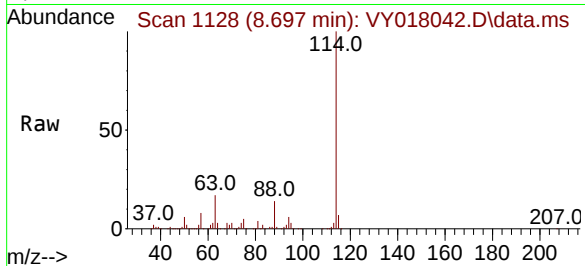




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VY018042.D
Acq: 25 Apr 2024 11:22

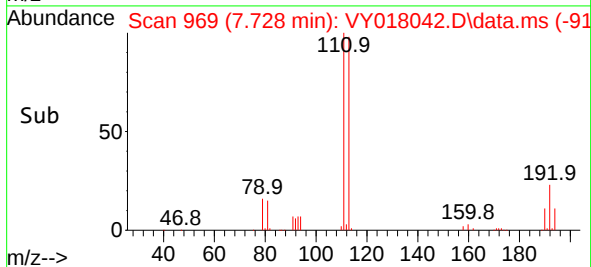
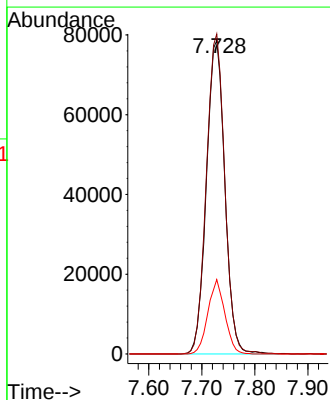
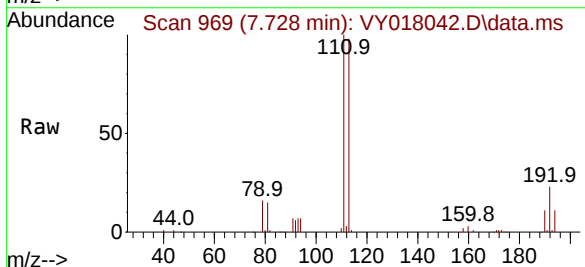
Instrument :
MSVOA_Y
ClientSampleId :
VY0425SBL01

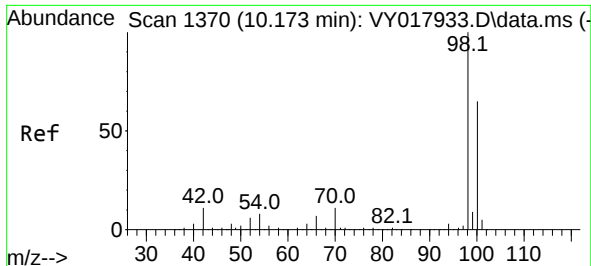
Tgt Ion:114 Resp: 620451
Ion Ratio Lower Upper
114 100
63 17.4 0.0 35.0
88 14.5 0.0 27.2



#35
Dibromofluoromethane
Concen: 49.538 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY018042.D
Acq: 25 Apr 2024 11:22

Tgt Ion:113 Resp: 189623
Ion Ratio Lower Upper
113 100
111 101.6 82.2 123.4
192 21.8 15.9 23.9

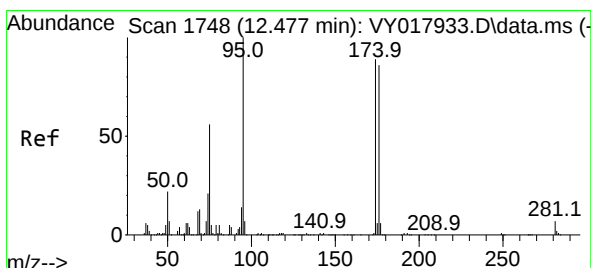
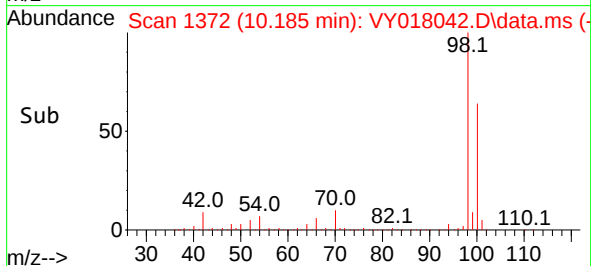
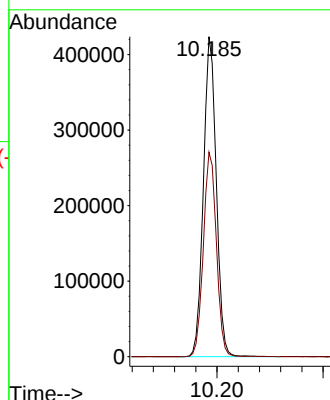
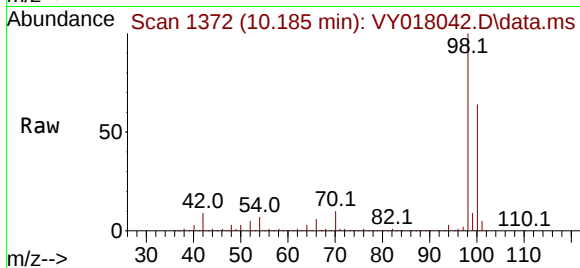




#50
Toluene-d8
Concen: 49.042 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018042.D
Acq: 25 Apr 2024 11:22

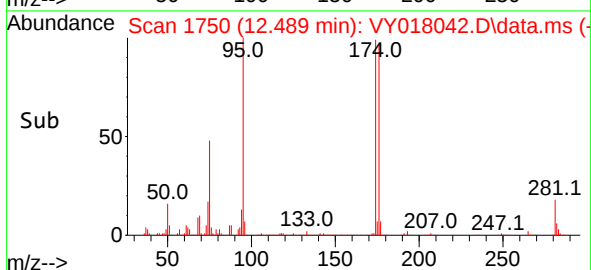
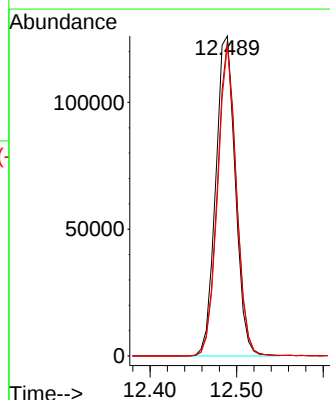
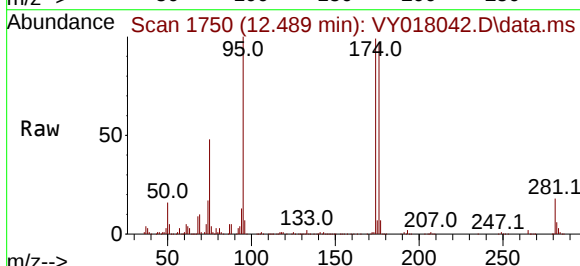
Instrument :
MSVOA_Y
ClientSampleId :
VY0425SBL01

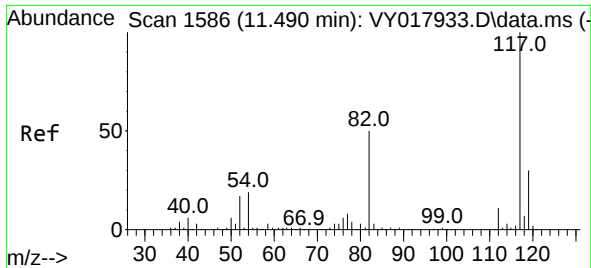
Tgt Ion: 98 Resp: 712318
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 44.106 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY018042.D
Acq: 25 Apr 2024 11:22

Tgt Ion: 95 Resp: 198403
Ion Ratio Lower Upper
95 100
174 95.2 0.0 175.6
176 92.2 0.0 171.4

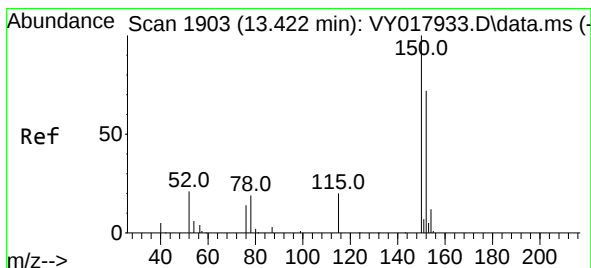
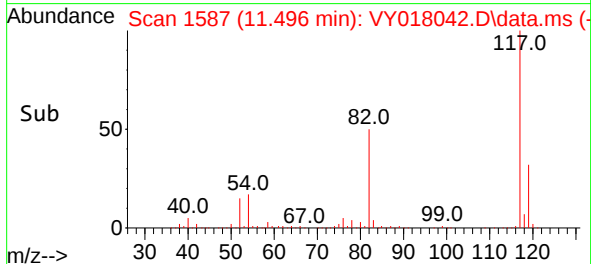
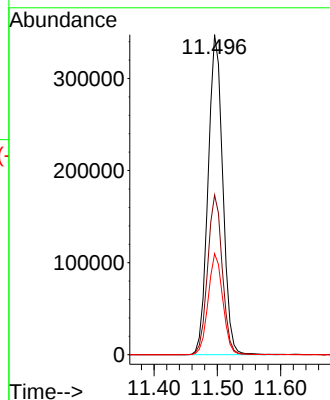
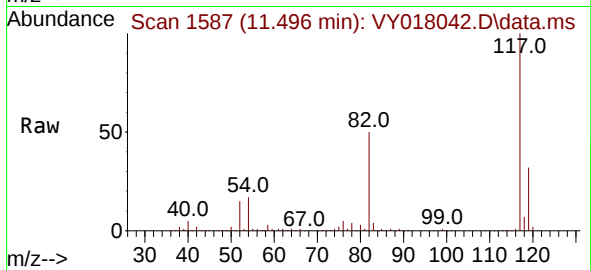




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018042.D
Acq: 25 Apr 2024 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VY0425SBL01

Tgt Ion:117 Resp: 561299
Ion Ratio Lower Upper
117 100
82 49.9 42.4 63.6
119 31.6 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY018042.D
Acq: 25 Apr 2024 11:22

Tgt Ion:152 Resp: 218762
Ion Ratio Lower Upper
152 100
115 54.4 28.2 84.7
150 155.5 0.0 345.6

