

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030824\
 Data File : VY017614.D
 Acq On : 08 Mar 2024 09:51
 Operator : SY/MD
 Sample : VY0308SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0308SBL01

Quant Time: Mar 08 22:20:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	130340	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	234810	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	211243	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	80020	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	62773	50.817	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.640%
35) Dibromofluoromethane	7.728	113	75852	46.358	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.720%
50) Toluene-d8	10.185	98	269143	47.046	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.100%
62) 4-Bromofluorobenzene	12.483	95	72553	40.354	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	80.700%

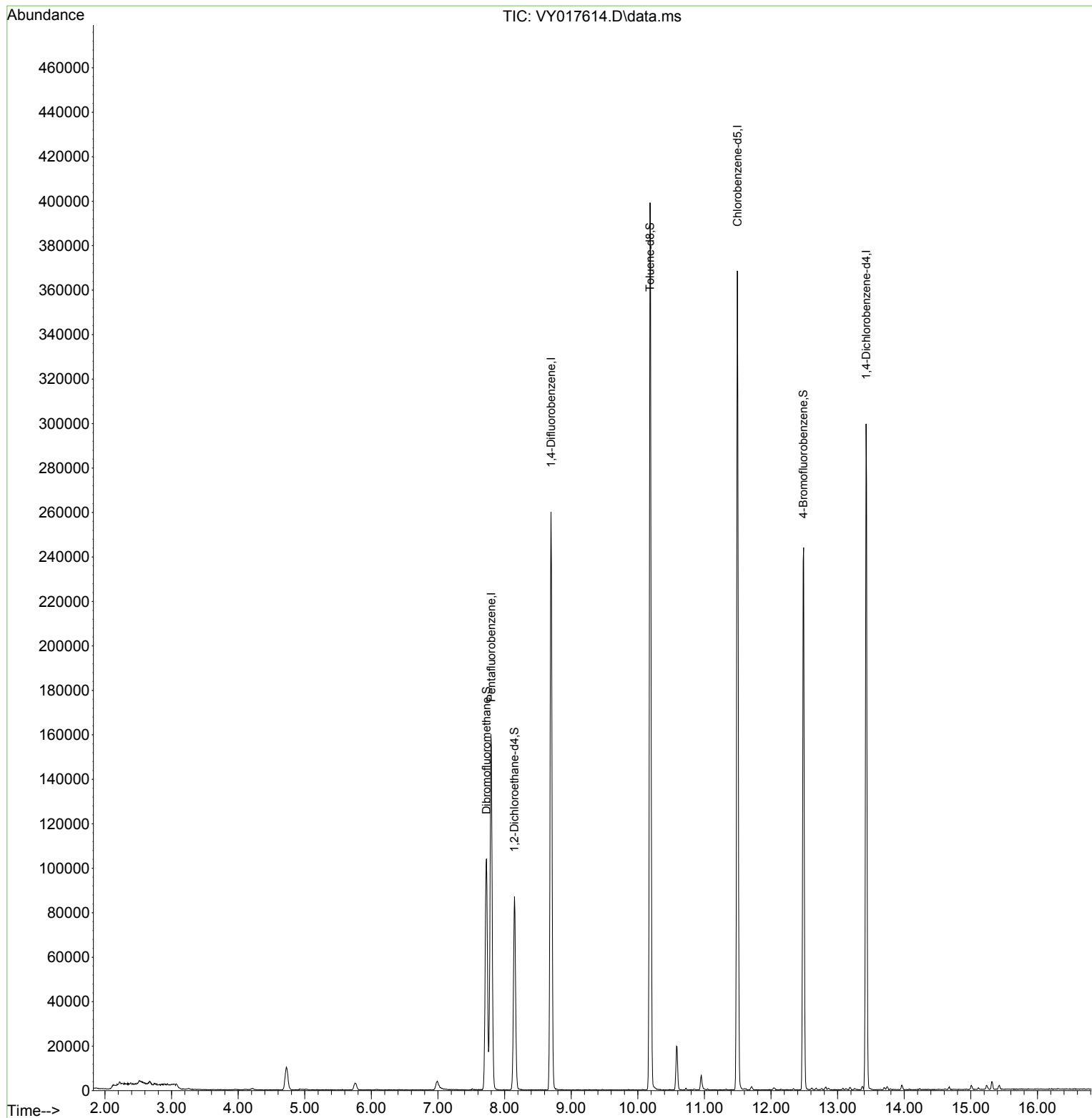
Target Compounds	Qvalue

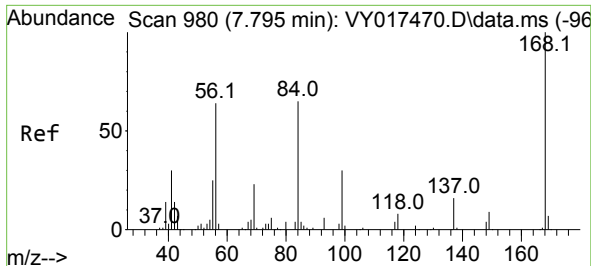
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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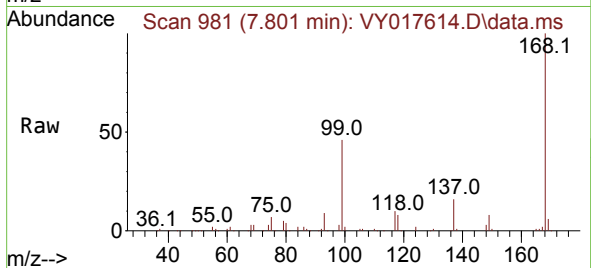
Quant Time: Mar 08 22:20:41 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
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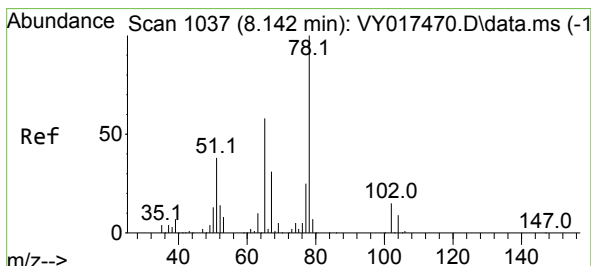
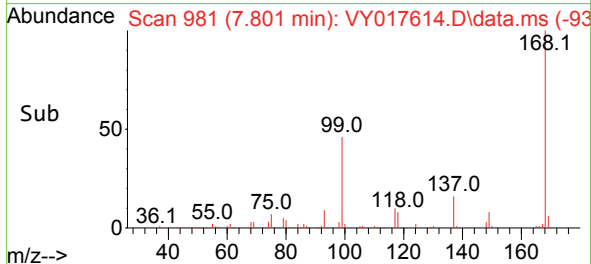
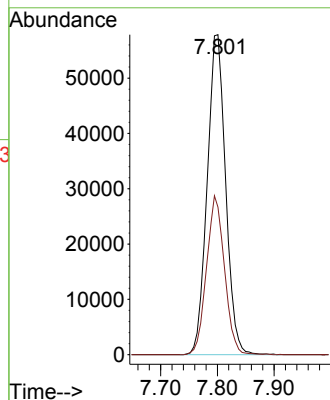


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY017614.D
Acq: 08 Mar 2024 09:51

Instrument :
MSVOA_Y
ClientSampleId :
VY0308SBL01

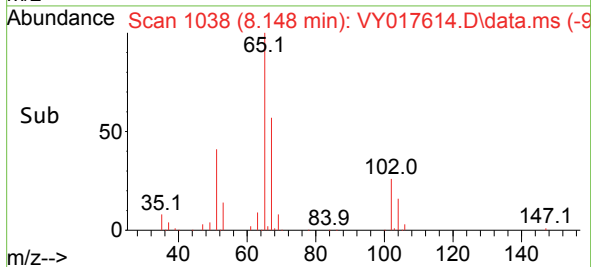
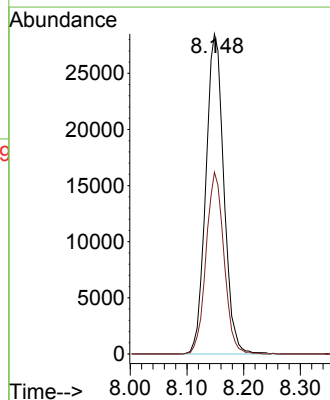
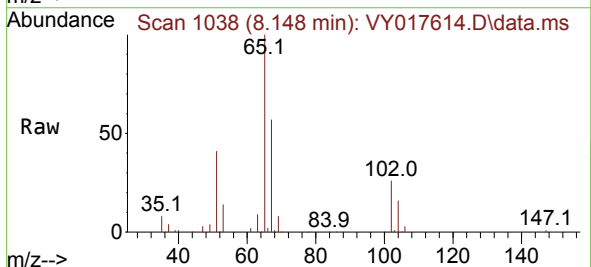


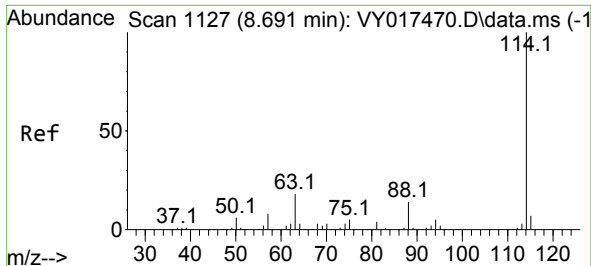
Tgt Ion:168 Resp: 130340
Ion Ratio Lower Upper
168 100
99 46.1 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 50.817 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY017614.D
Acq: 08 Mar 2024 09:51

Tgt Ion: 65 Resp: 62773
Ion Ratio Lower Upper
65 100
67 56.5 0.0 109.6

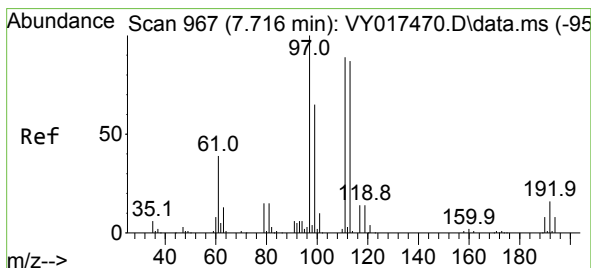
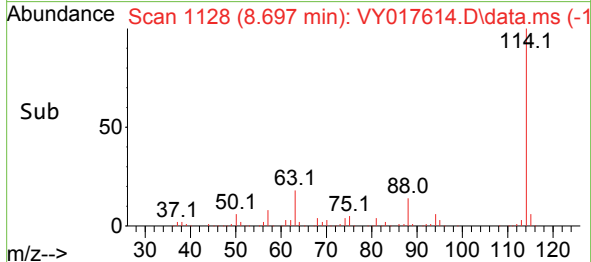
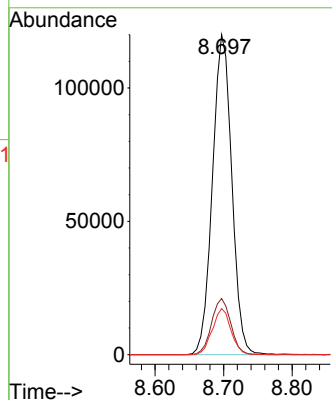
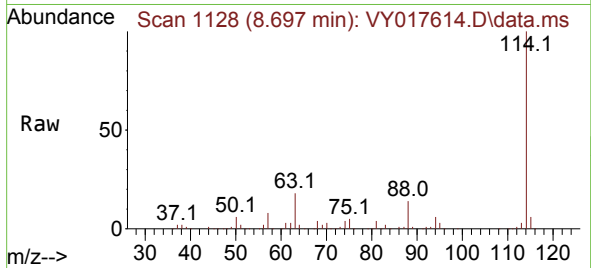




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY017614.D
Acq: 08 Mar 2024 09:51

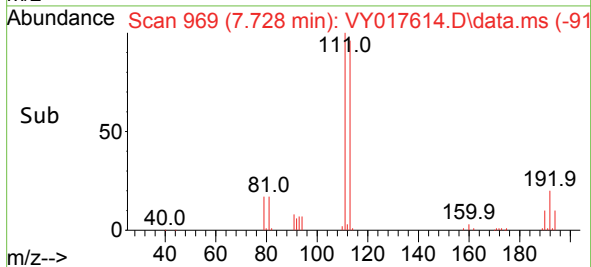
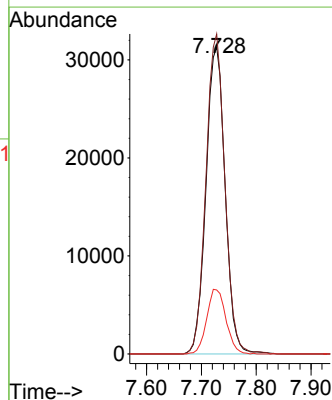
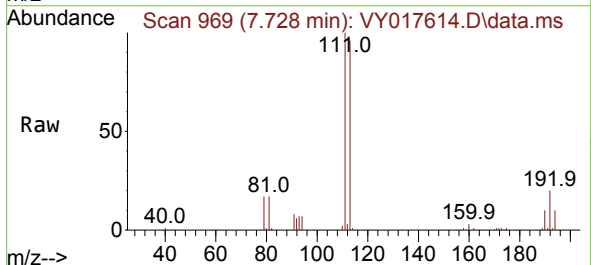
Instrument :
MSVOA_Y
ClientSampleId :
VY0308SBL01

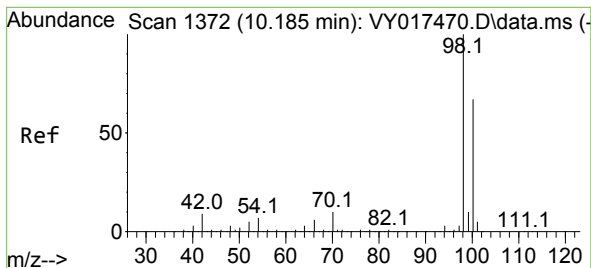
Tgt Ion:114 Resp: 234810
Ion Ratio Lower Upper
114 100
63 17.5 0.0 35.0
88 14.4 0.0 27.2



#35
Dibromofluoromethane
Concen: 46.358 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.012 min
Lab File: VY017614.D
Acq: 08 Mar 2024 09:51

Tgt Ion:113 Resp: 75852
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.4
192 21.1 15.9 23.9

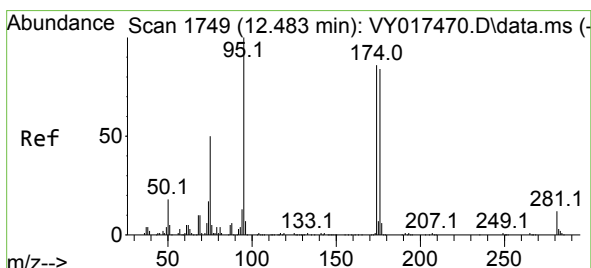
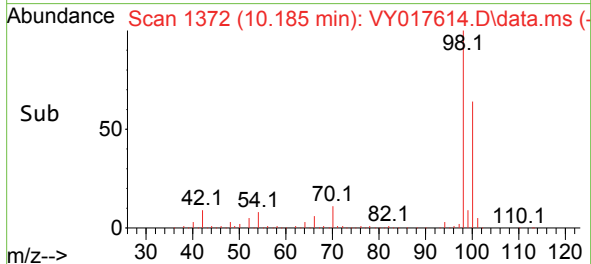
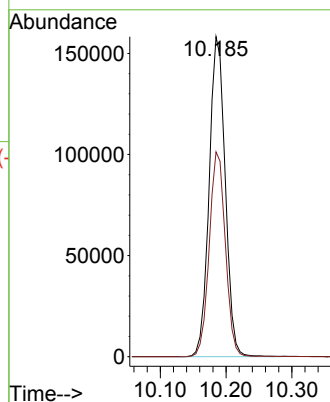
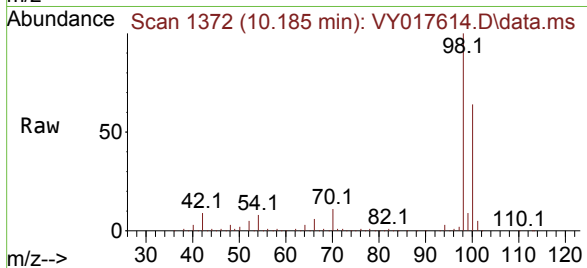




#50
Toluene-d8
Concen: 47.046 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017614.D
Acq: 08 Mar 2024 09:51

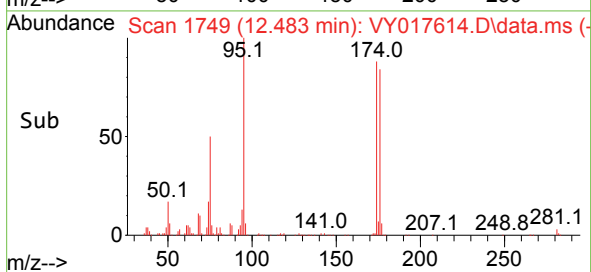
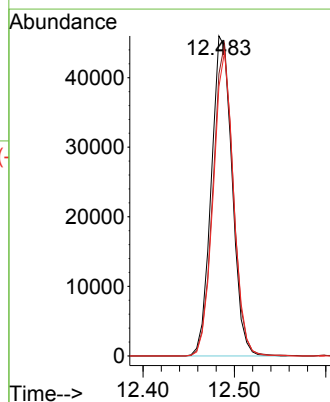
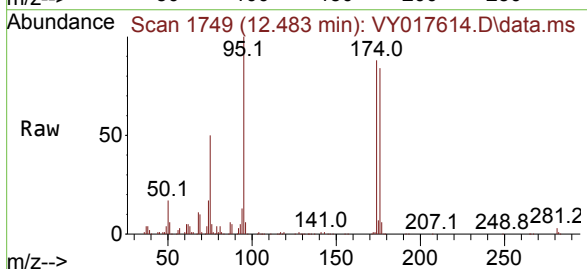
Instrument :
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ClientSampleId :
VY0308SBL01

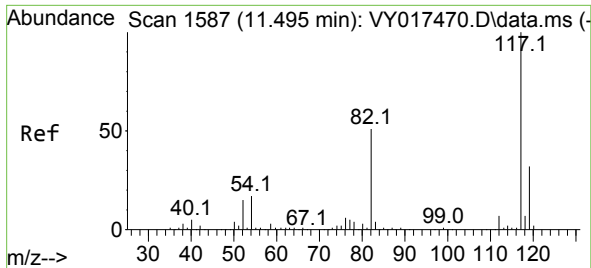
Tgt Ion: 98 Resp: 269143
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 40.354 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY017614.D
Acq: 08 Mar 2024 09:51

Tgt Ion: 95 Resp: 72553
Ion Ratio Lower Upper
95 100
174 95.0 0.0 175.6
176 92.5 0.0 171.4

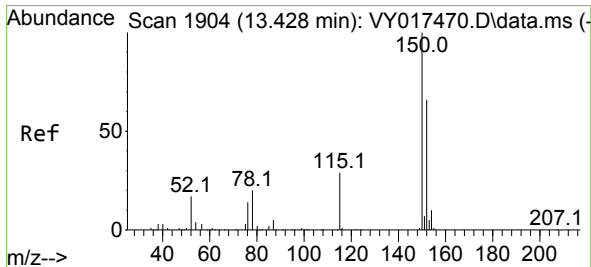
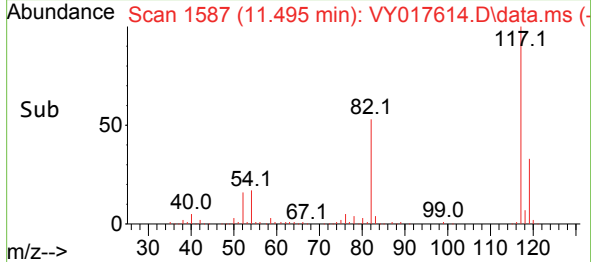
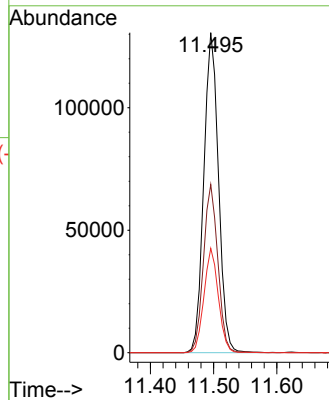
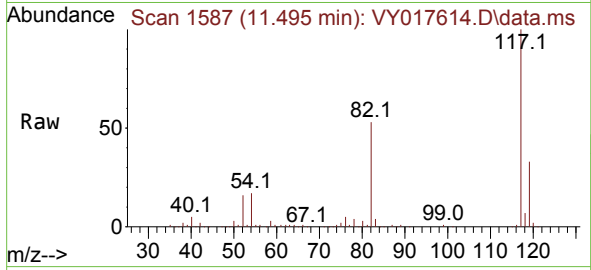




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY017614.D
Acq: 08 Mar 2024 09:51

Instrument :
MSVOA_Y
ClientSampleId :
VY0308SBL01

Tgt Ion:117 Resp: 211243
Ion Ratio Lower Upper
117 100
82 52.6 42.4 63.6
119 32.6 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY017614.D
Acq: 08 Mar 2024 09:51

Tgt Ion:152 Resp: 80020
Ion Ratio Lower Upper
152 100
115 55.3 28.2 84.7
150 157.4 0.0 345.6

