

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011924\
 Data File : VY017048.D
 Acq On : 19 Jan 2024 12:15
 Operator : SY/MD
 Sample : P1182-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-03-011824

Quant Time: Jan 19 22:19:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.819	168	103532	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.722	114	222830	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.520	117	216516	50.000	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.453	152	85024	50.000	ug/l	0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	48965	47.851	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.700%
35) Dibromofluoromethane	7.752	113	53623	37.764	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	75.520%
50) Toluene-d8	10.209	98	194803	39.840	ug/l	0.02
Spiked Amount	50.000	Range	58 - 134	Recovery	=	79.680%
62) 4-Bromofluorobenzene	12.508	95	63412	38.438	ug/l	0.02
Spiked Amount	50.000	Range	30 - 143	Recovery	=	76.880%

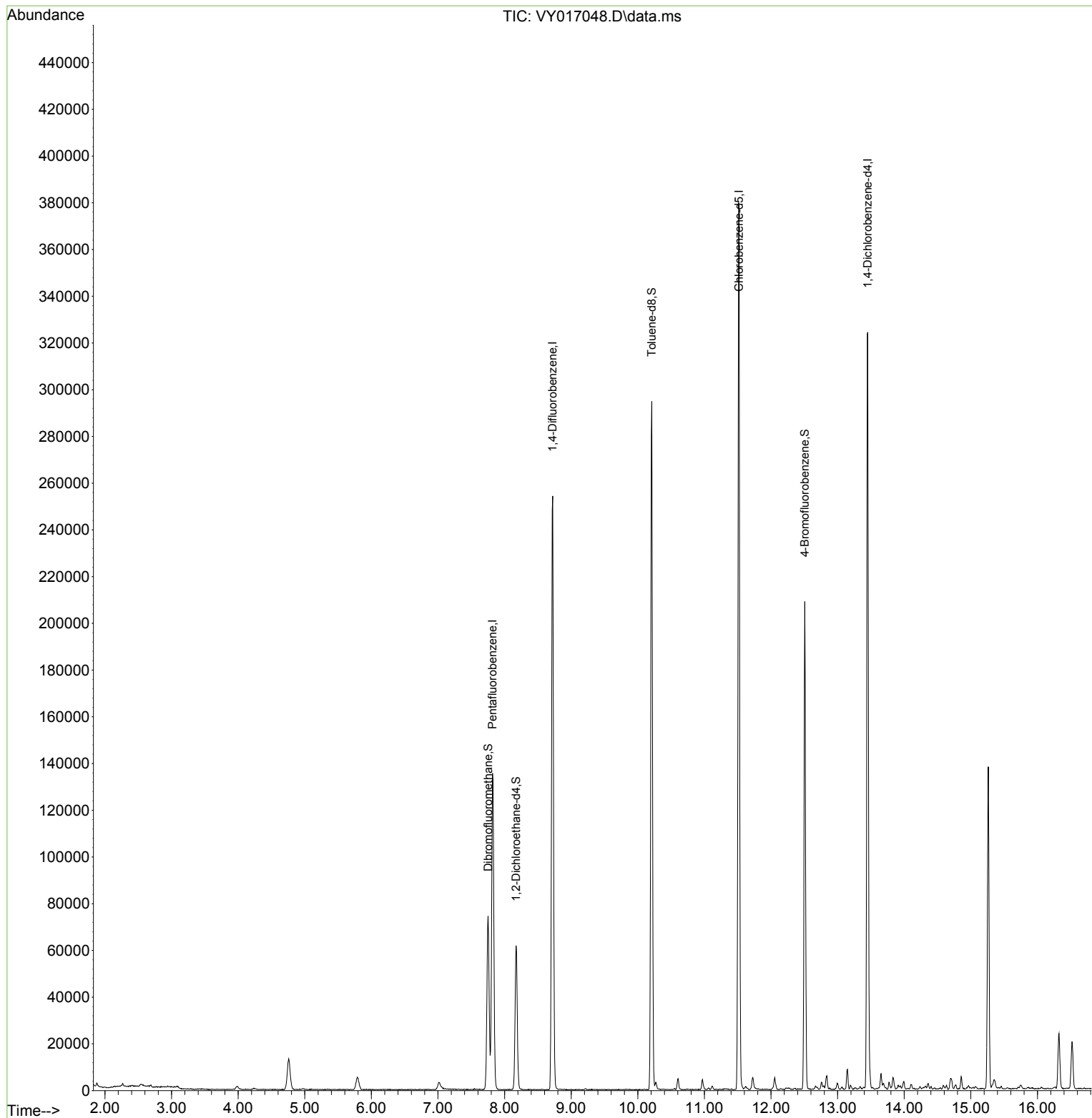
Target Compounds	Qvalue

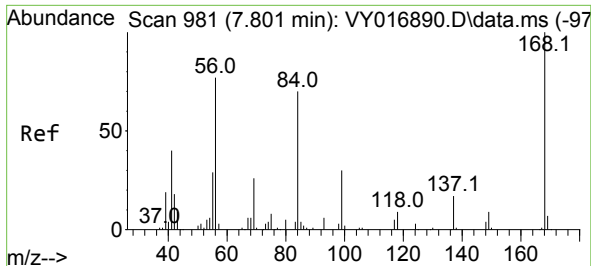
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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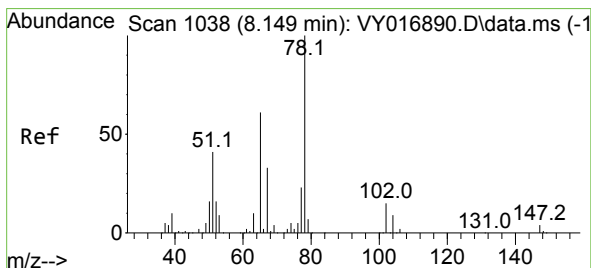
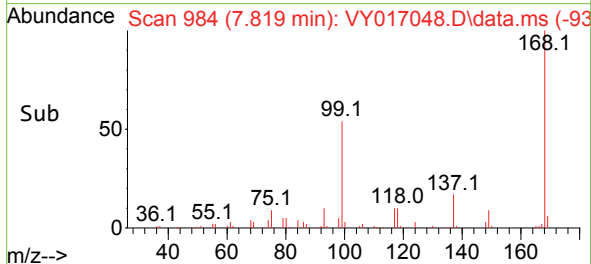
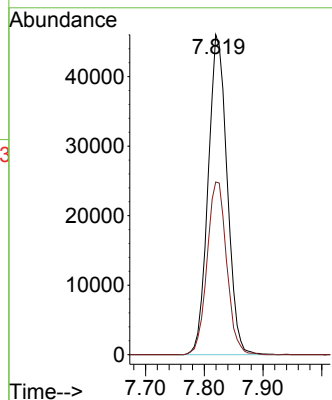
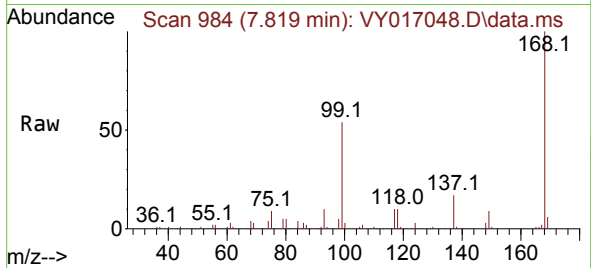




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY017048.D
Acq: 19 Jan 2024 12:15

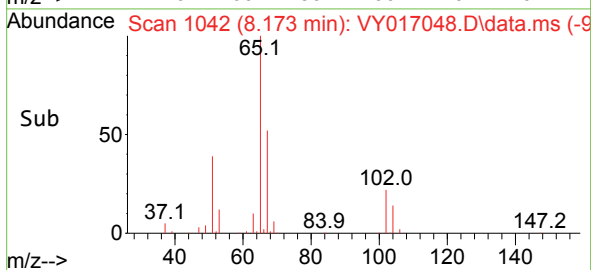
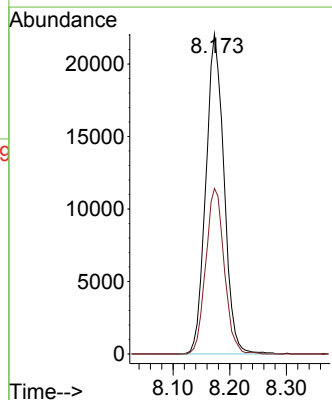
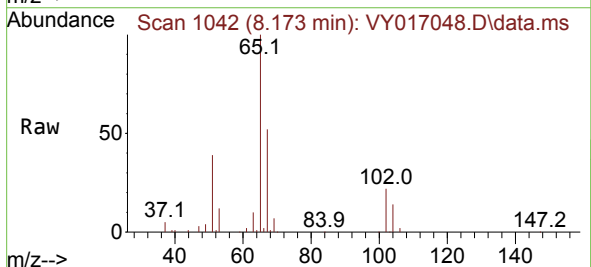
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-011824

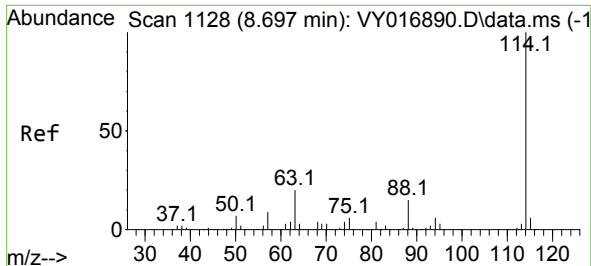
Tgt Ion:168 Resp: 103532
Ion Ratio Lower Upper
168 100
99 53.9 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 47.851 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. 0.018 min
Lab File: VY017048.D
Acq: 19 Jan 2024 12:15

Tgt Ion: 65 Resp: 48965
Ion Ratio Lower Upper
65 100
67 52.7 0.0 109.0

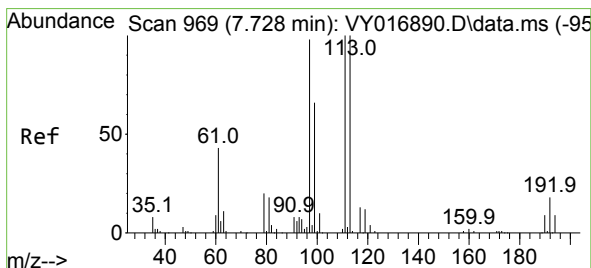
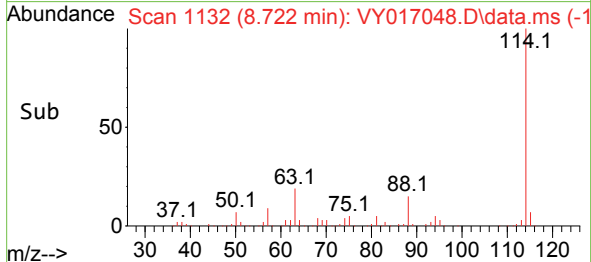
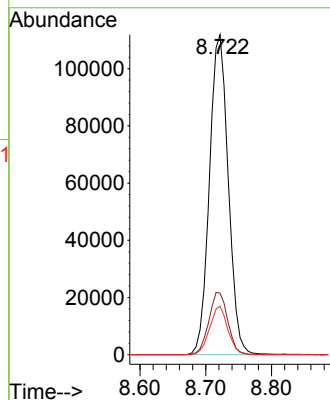
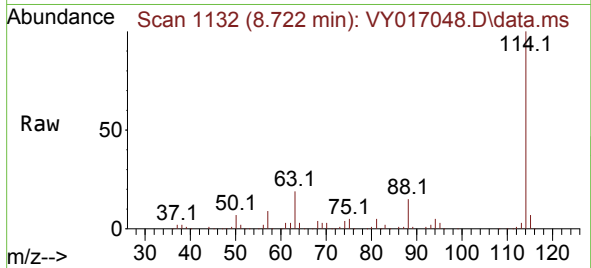




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.722 min Scan# 1128
Delta R.T. 0.019 min
Lab File: VY017048.D
Acq: 19 Jan 2024 12:15

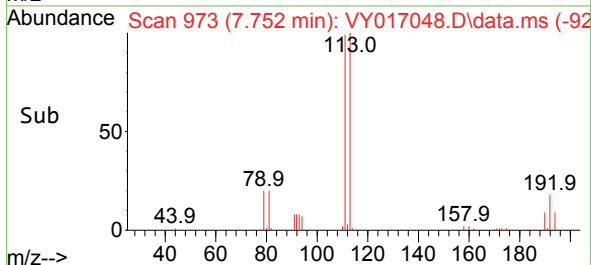
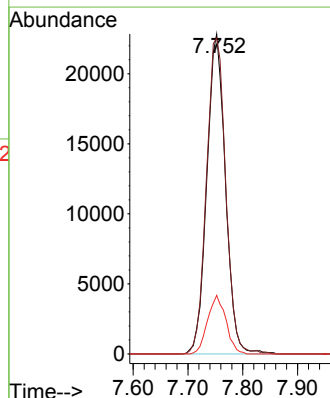
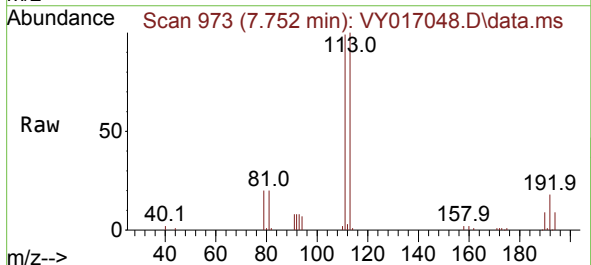
Instrument :
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OR-03-011824

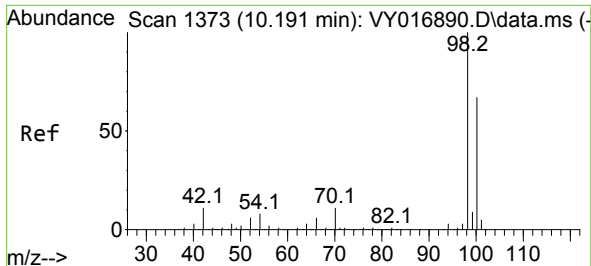
Tgt Ion:114 Resp: 222830
Ion Ratio Lower Upper
114 100
63 19.2 0.0 37.4
88 15.1 0.0 29.0



#35
Dibromofluoromethane
Concen: 37.764 ug/l
RT: 7.752 min Scan# 973
Delta R.T. 0.024 min
Lab File: VY017048.D
Acq: 19 Jan 2024 12:15

Tgt Ion:113 Resp: 53623
Ion Ratio Lower Upper
113 100
111 102.7 83.8 125.6
192 18.1 14.5 21.7

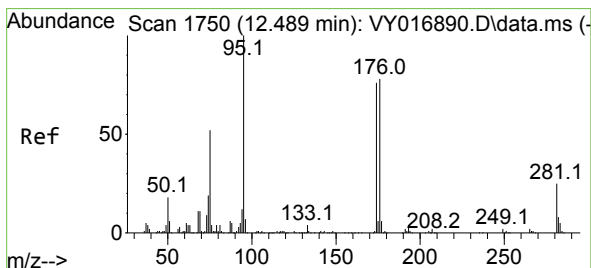
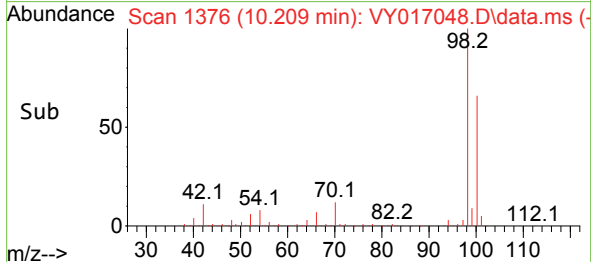
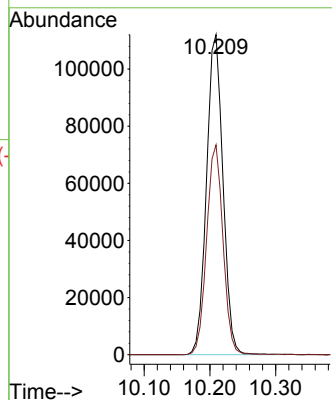
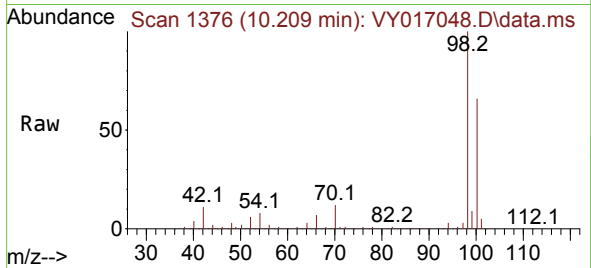




#50
Toluene-d8
Concen: 39.840 ug/l
RT: 10.209 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY017048.D
Acq: 19 Jan 2024 12:15

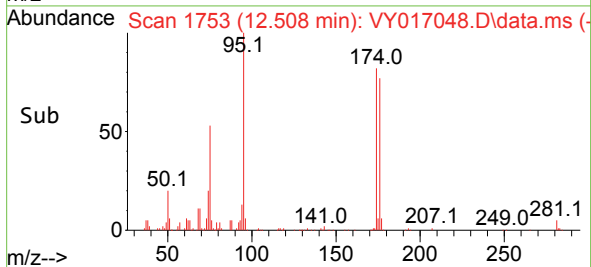
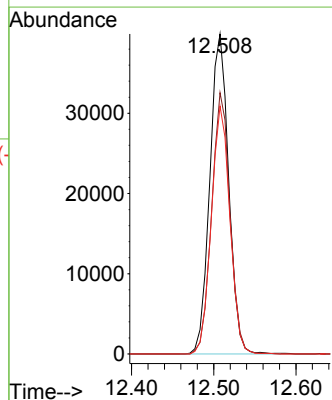
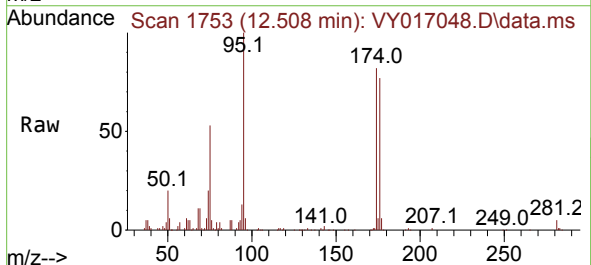
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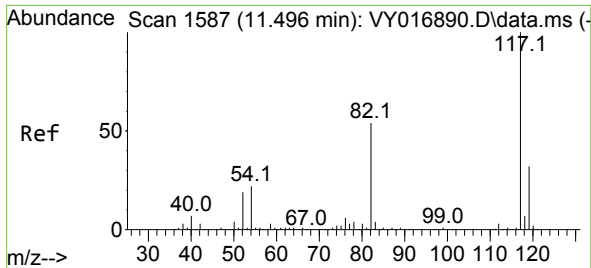
Tgt Ion: 98 Resp: 194803
Ion Ratio Lower Upper
98 100
100 65.2 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 38.438 ug/l
RT: 12.508 min Scan# 1753
Delta R.T. 0.019 min
Lab File: VY017048.D
Acq: 19 Jan 2024 12:15

Tgt Ion: 95 Resp: 63412
Ion Ratio Lower Upper
95 100
174 79.7 0.0 160.0
176 76.4 0.0 151.8

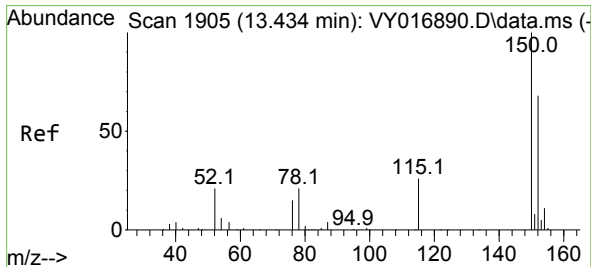
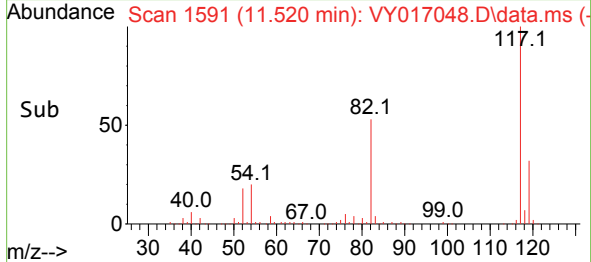
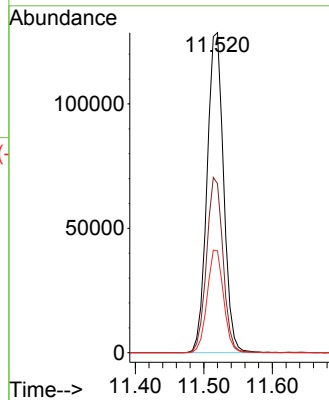
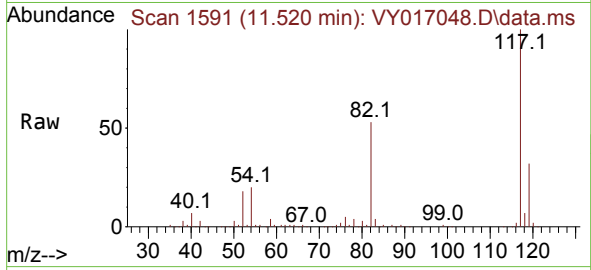




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.520 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY017048.D
Acq: 19 Jan 2024 12:15

Instrument :
MSVOA_Y
ClientSampleId :
OR-03-011824

Tgt Ion:117 Resp: 216516
Ion Ratio Lower Upper
117 100
82 52.8 43.8 65.8
119 31.8 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.453 min Scan# 1908
Delta R.T. 0.019 min
Lab File: VY017048.D
Acq: 19 Jan 2024 12:15

Tgt Ion:152 Resp: 85024
Ion Ratio Lower Upper
152 100
115 59.1 30.0 90.0
150 156.8 0.0 344.6

