

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081424\
 Data File : VY019052.D
 Acq On : 14 Aug 2024 12:33
 Operator : SY/MD
 Sample : P3512-06
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 931-K1-SD-0.5-1.0-080724-FD

Quant Time: Aug 14 21:45:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 09 04:24:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.695	168	45409	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	65686	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	47403	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	16326	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.048	65	12680	31.804	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	63.600%
35) Dibromofluoromethane	7.622	113	17748	42.305	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.600%
50) Toluene-d8	10.103	98	74518	46.244	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.480%
62) 4-Bromofluorobenzene	12.407	95	14568	30.472	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	60.940%

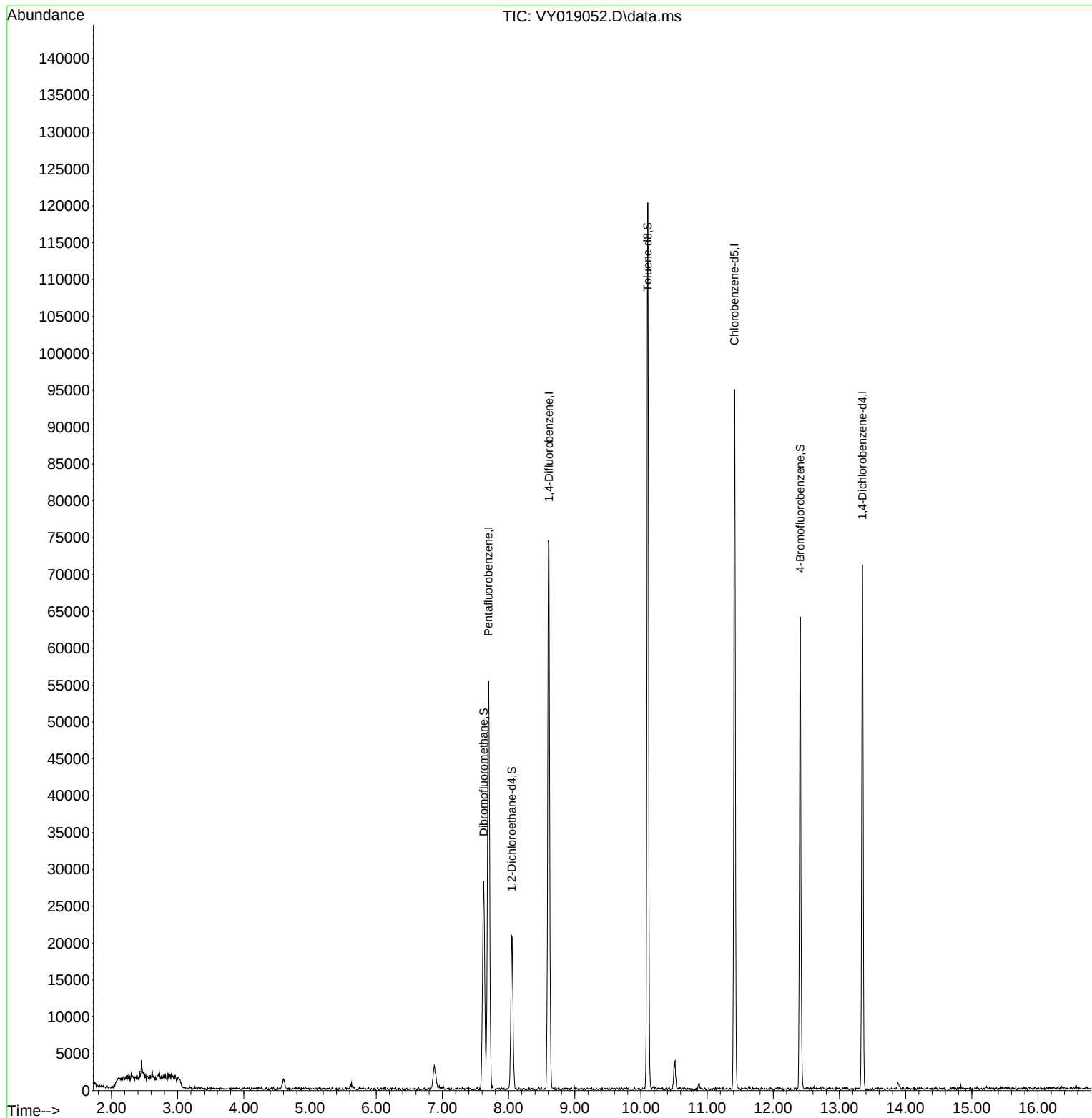
Target Compounds Qvalue

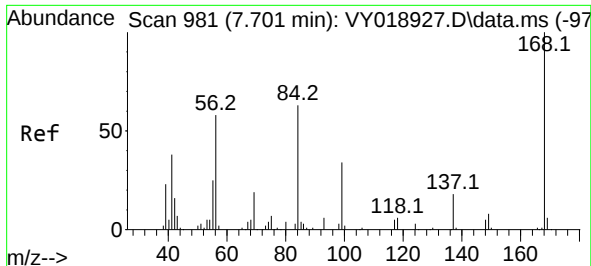
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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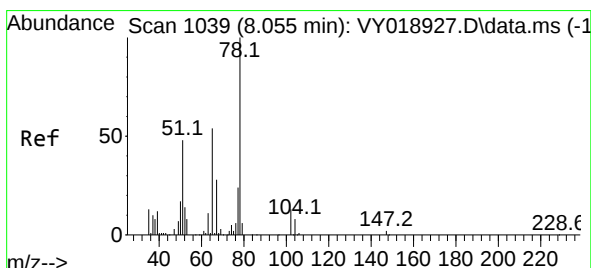
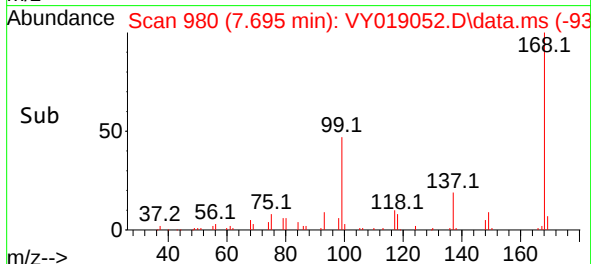
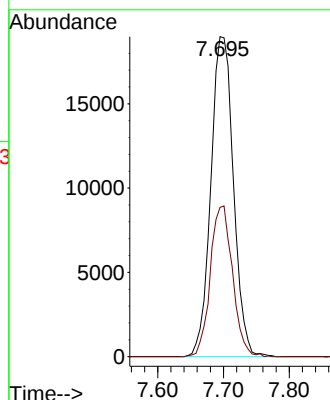
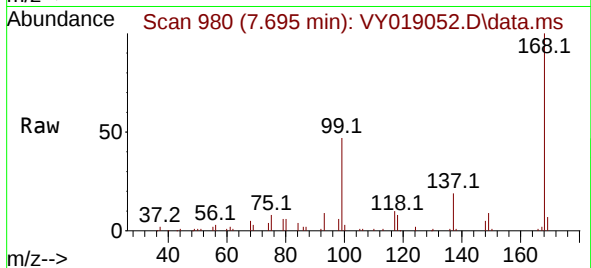




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019052.D
Acq: 14 Aug 2024 12:33

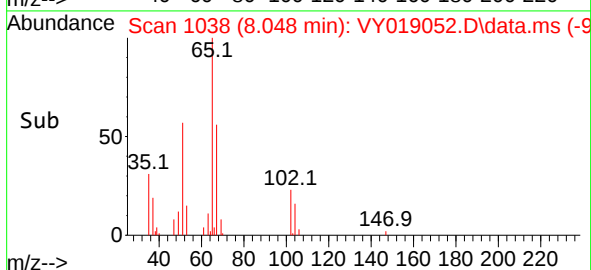
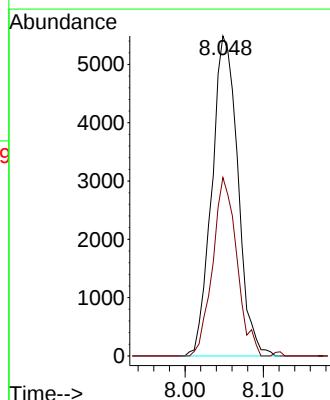
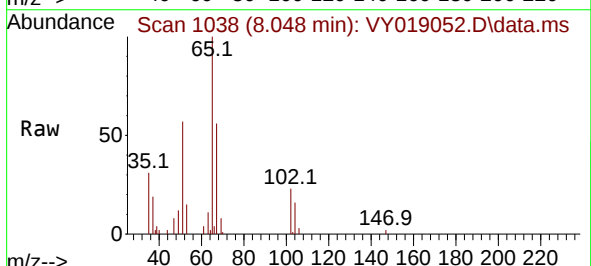
Instrument :
MSVOA_Y
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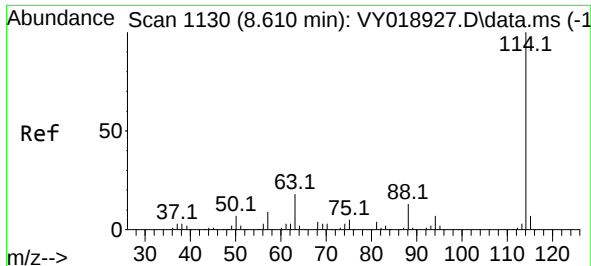
Tgt Ion:168 Resp: 45409
Ion Ratio Lower Upper
168 100
99 46.6 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 31.804 ug/l
RT: 8.048 min Scan# 1038
Delta R.T. -0.007 min
Lab File: VY019052.D
Acq: 14 Aug 2024 12:33

Tgt Ion: 65 Resp: 12680
Ion Ratio Lower Upper
65 100
67 51.7 0.0 109.6

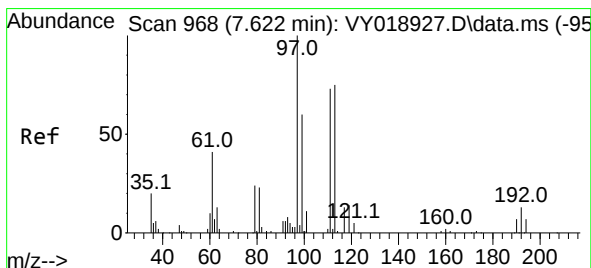
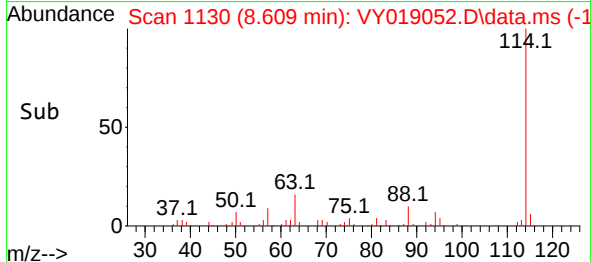
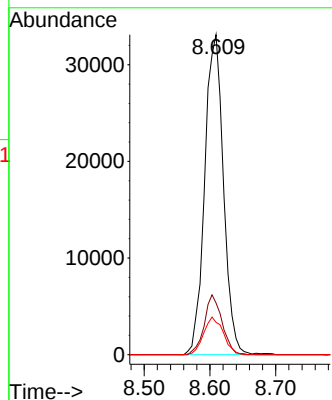
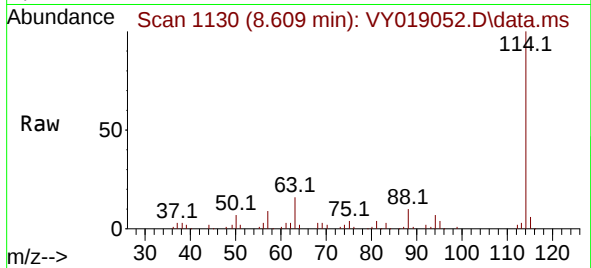




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.609 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VY019052.D
Acq: 14 Aug 2024 12:33

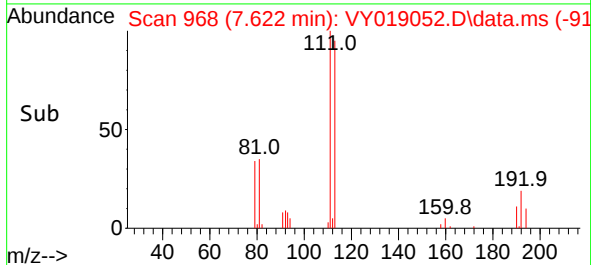
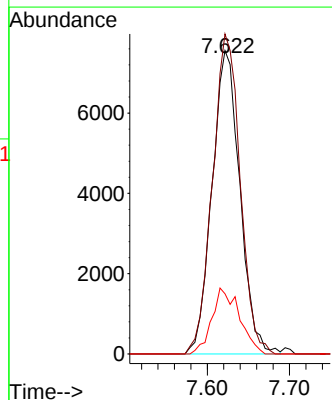
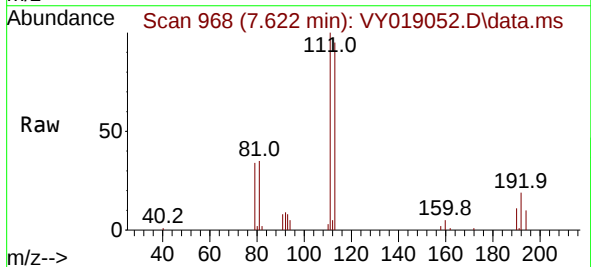
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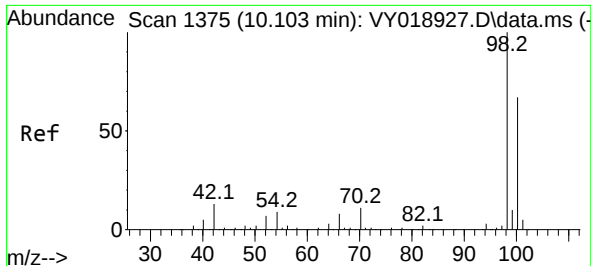
Tgt Ion:114 Resp: 65686
Ion Ratio Lower Upper
114 100
63 16.2 0.0 35.0
88 10.1 0.0 27.2



#35
Dibromofluoromethane
Concen: 42.305 ug/l
RT: 7.622 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY019052.D
Acq: 14 Aug 2024 12:33

Tgt Ion:113 Resp: 17748
Ion Ratio Lower Upper
113 100
111 104.7 82.2 123.4
192 21.6 15.9 23.9

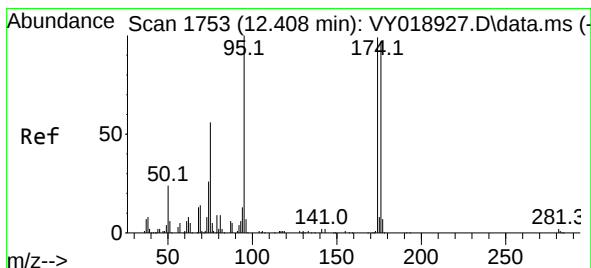
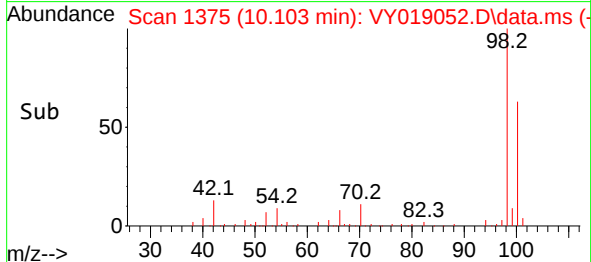
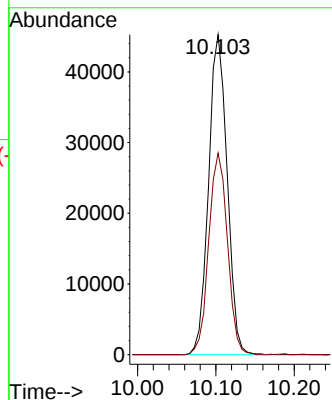
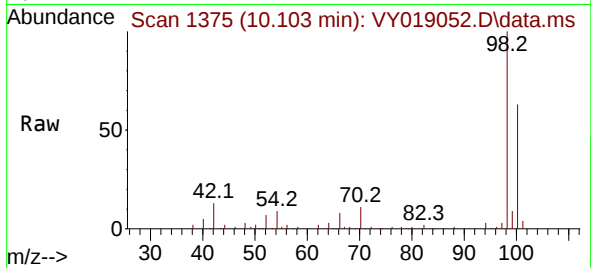




#50
Toluene-d8
Concen: 46.244 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY019052.D
Acq: 14 Aug 2024 12:33

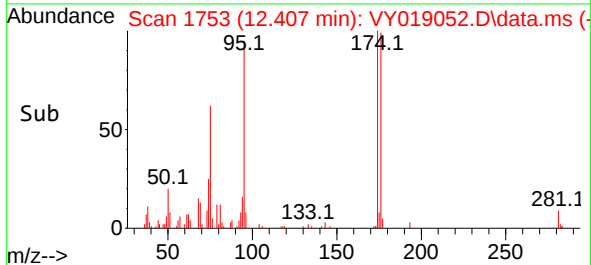
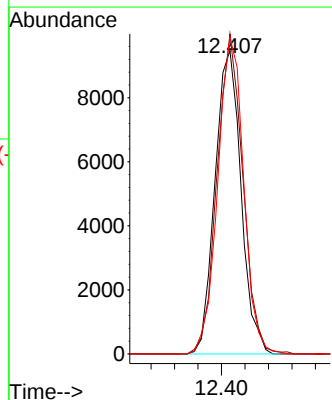
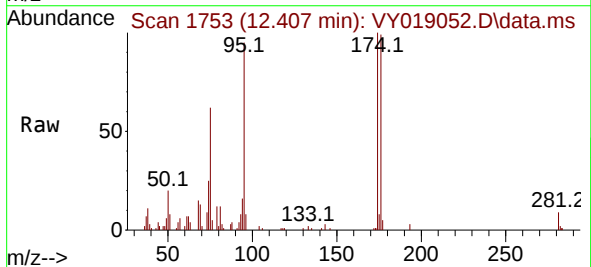
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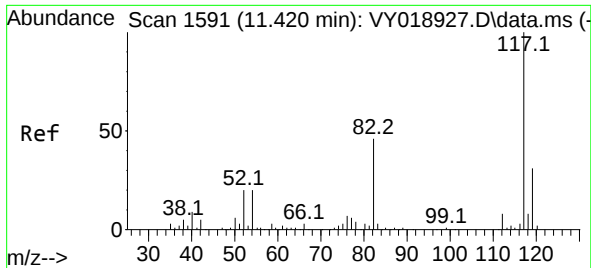
Tgt Ion: 98 Resp: 74518
Ion Ratio Lower Upper
98 100
100 63.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 30.472 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.001 min
Lab File: VY019052.D
Acq: 14 Aug 2024 12:33

Tgt Ion: 95 Resp: 14568
Ion Ratio Lower Upper
95 100
174 104.6 0.0 175.6
176 104.1 0.0 171.4

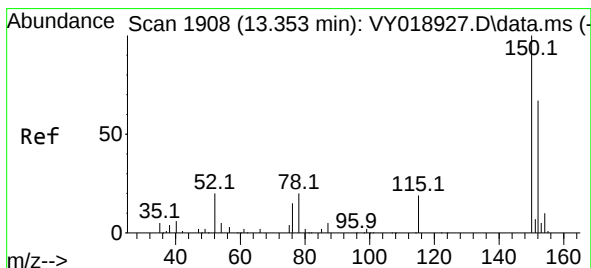
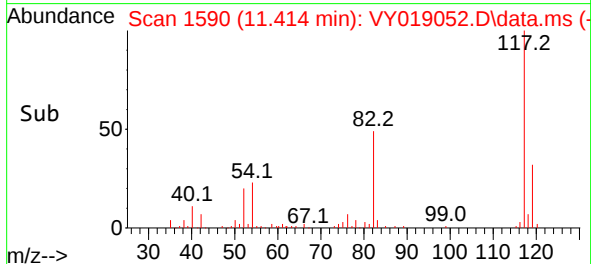
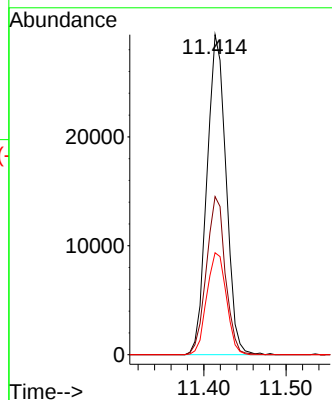
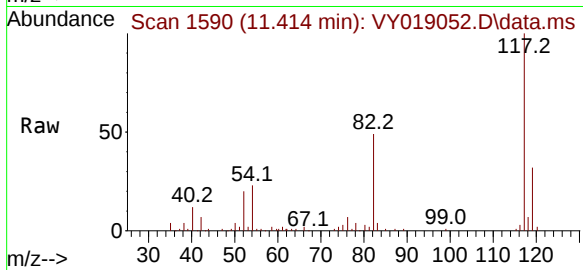




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019052.D
Acq: 14 Aug 2024 12:33

Instrument :
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Tgt Ion:117 Resp: 47403
Ion Ratio Lower Upper
117 100
82 49.4 42.4 63.6
119 31.8 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY019052.D
Acq: 14 Aug 2024 12:33

Tgt Ion:152 Resp: 16326
Ion Ratio Lower Upper
152 100
115 51.9 28.2 84.7
150 163.2 0.0 345.6

