

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022625\
 Data File : VY021330.D
 Acq On : 26 Feb 2025 14:40
 Operator : SY/MD
 Sample : Q1401-09
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-VPB-192-GW-880-882

Quant Time: Feb 27 00:37:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 26 02:09:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	240939	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	470542	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	479899	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	211748	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	161582	59.117	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.240%
35) Dibromofluoromethane	7.634	113	156697	50.795	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.580%
50) Toluene-d8	10.103	98	588717	49.379	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.760%
62) 4-Bromofluorobenzene	12.401	95	223879	55.797	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	111.600%

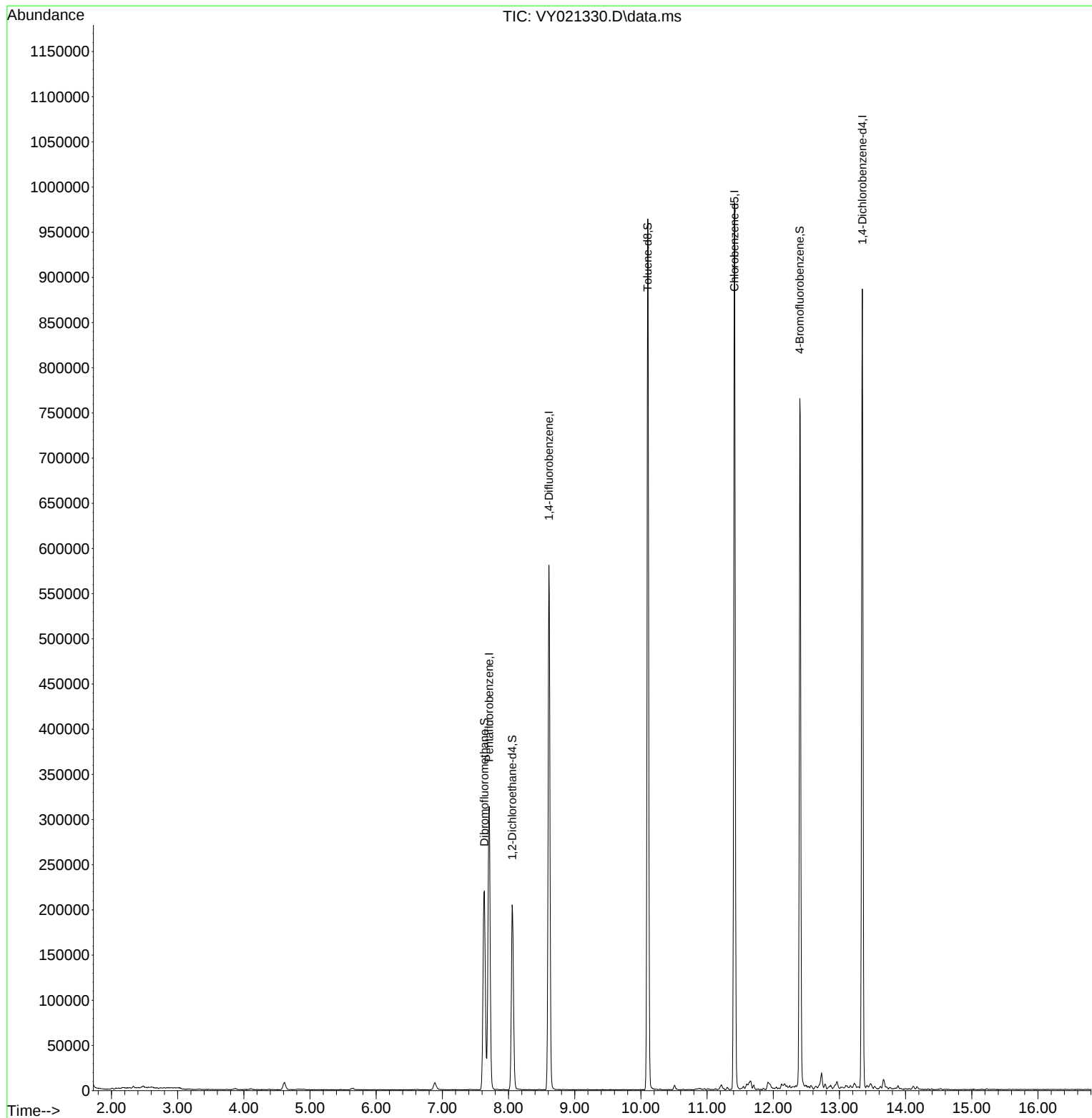
Target Compounds	Qvalue

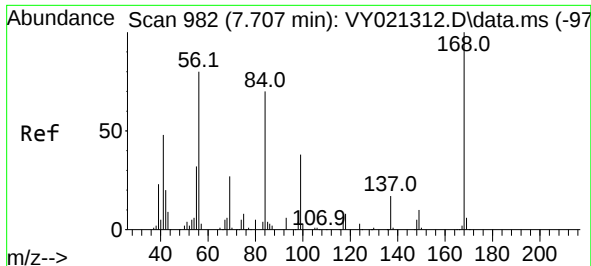
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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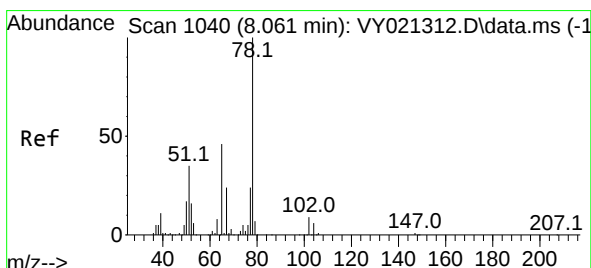
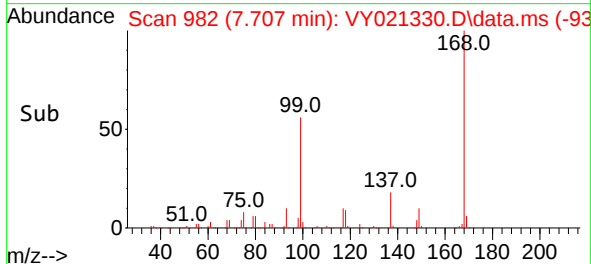
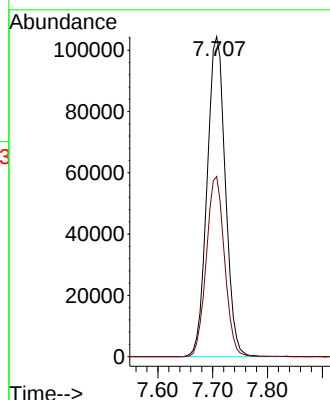
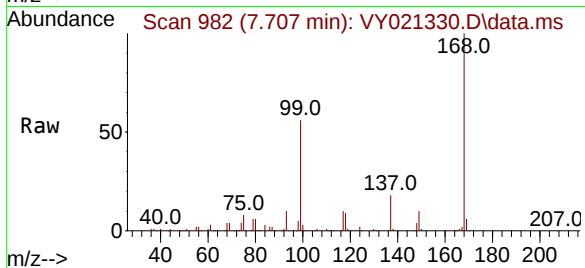




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021330.D
Acq: 26 Feb 2025 14:40

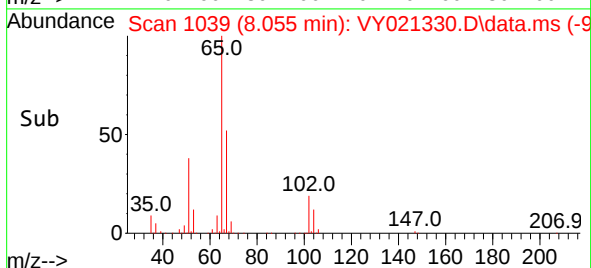
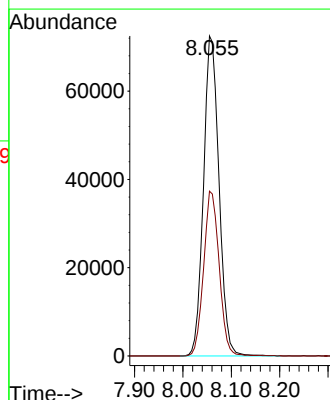
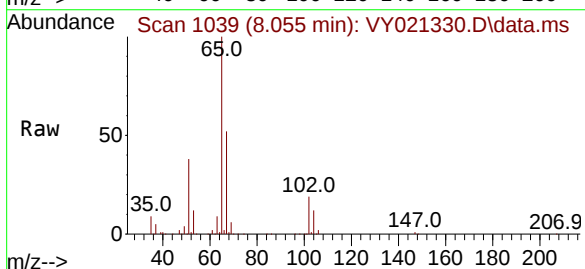
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-192-GW-880-882

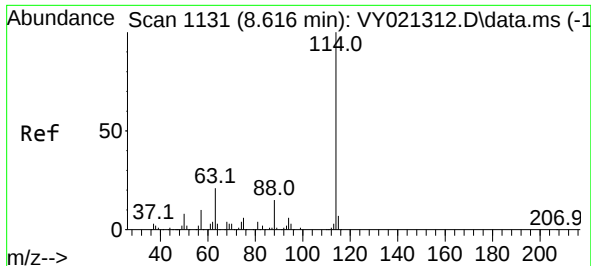
Tgt Ion:168 Resp: 240939
Ion Ratio Lower Upper
168 100
99 56.3 47.1 70.7



#33
1,2-Dichloroethane-d4
Concen: 59.117 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VY021330.D
Acq: 26 Feb 2025 14:40

Tgt Ion: 65 Resp: 161582
Ion Ratio Lower Upper
65 100
67 51.7 0.0 103.6

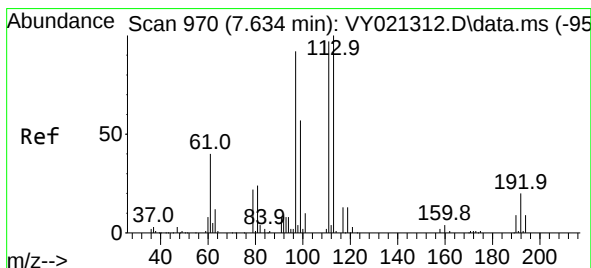
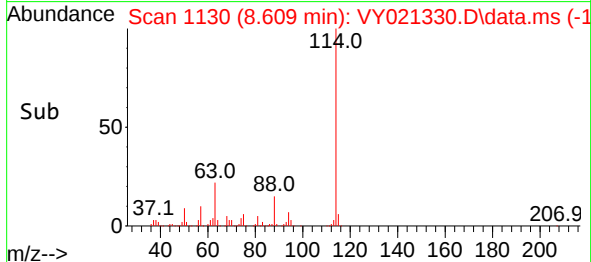
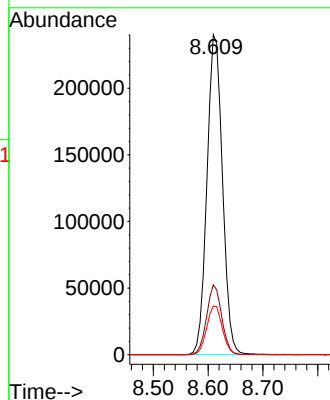
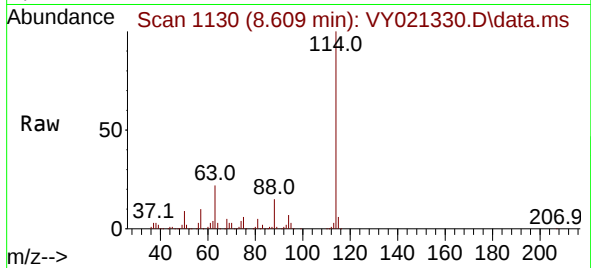




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.609 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VY021330.D
Acq: 26 Feb 2025 14:40

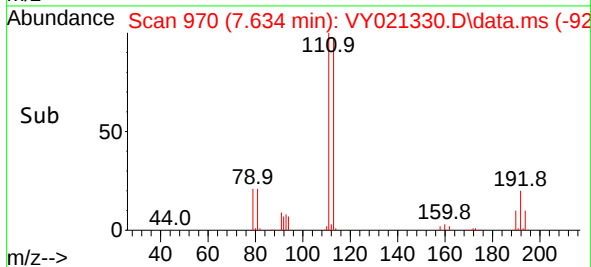
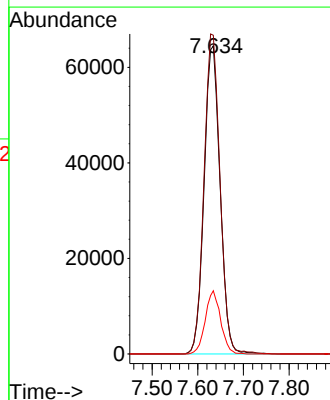
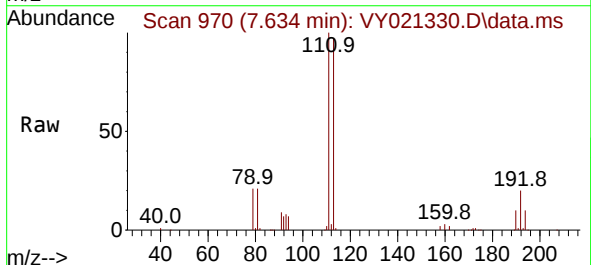
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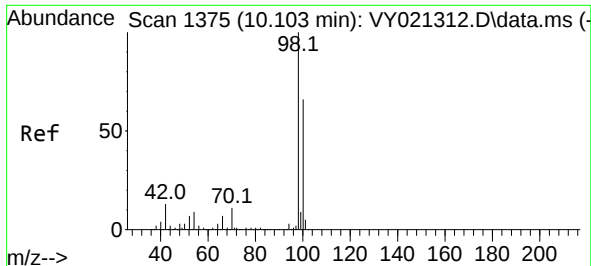
Tgt Ion:114 Resp: 470542
Ion Ratio Lower Upper
114 100
63 21.8 0.0 42.2
88 15.2 0.0 29.8



#35
Dibromofluoromethane
Concen: 50.795 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY021330.D
Acq: 26 Feb 2025 14:40

Tgt Ion:113 Resp: 156697
Ion Ratio Lower Upper
113 100
111 103.5 81.0 121.6
192 19.7 15.8 23.8

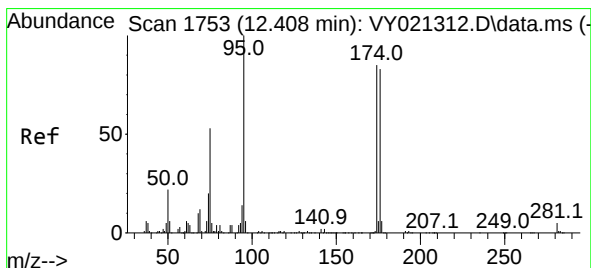
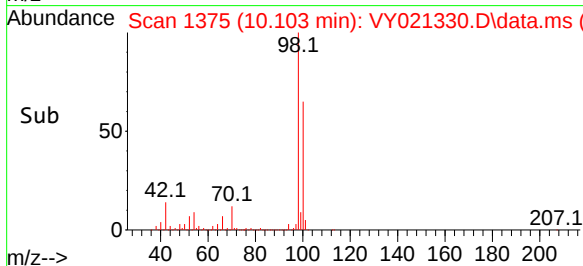
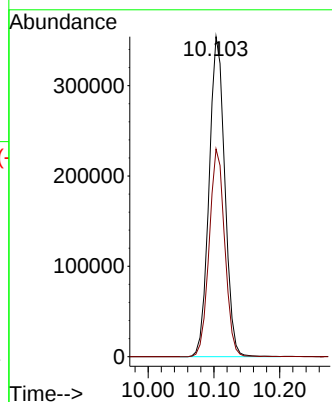
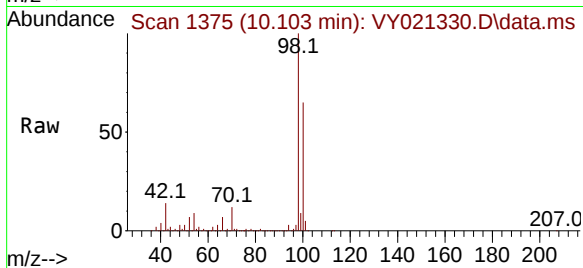




#50
Toluene-d8
Concen: 49.379 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021330.D
Acq: 26 Feb 2025 14:40

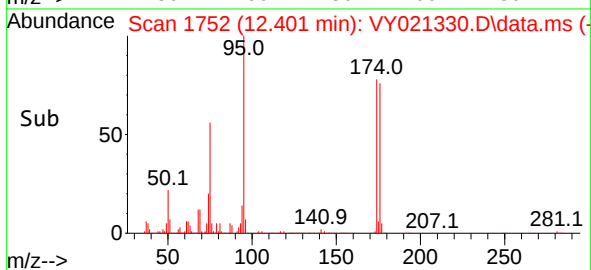
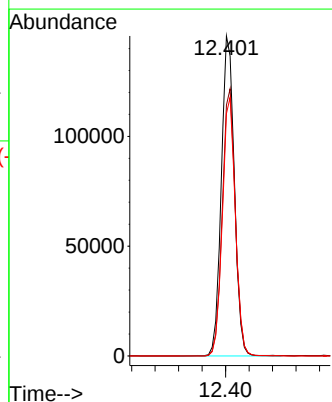
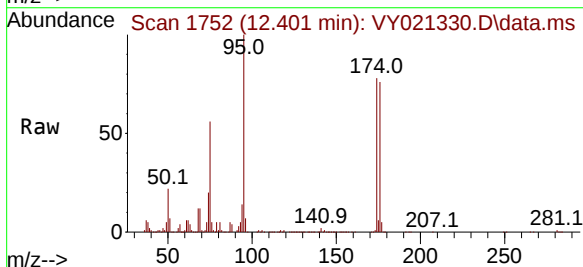
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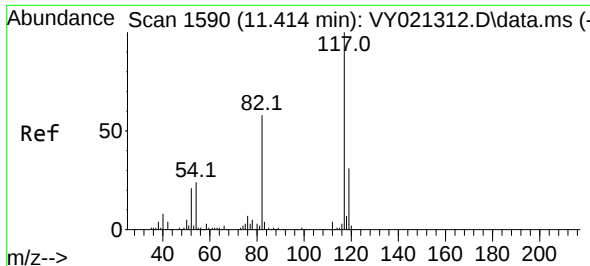
Tgt Ion: 98 Resp: 588717
Ion Ratio Lower Upper
98 100
100 64.3 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 55.797 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY021330.D
Acq: 26 Feb 2025 14:40

Tgt Ion: 95 Resp: 223879
Ion Ratio Lower Upper
95 100
174 83.1 0.0 168.0
176 80.5 0.0 162.6

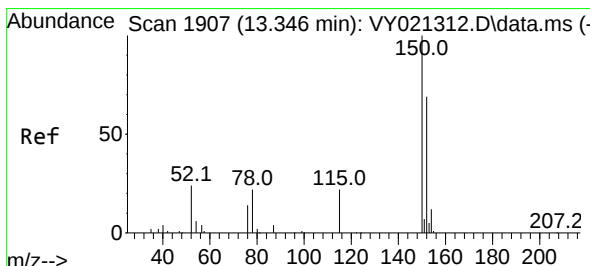
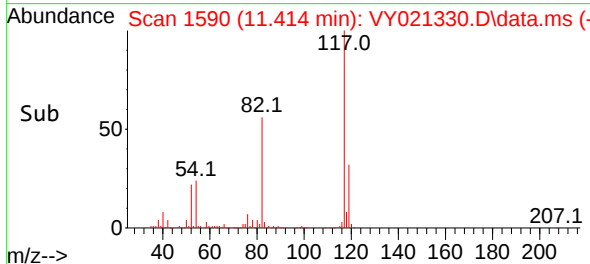
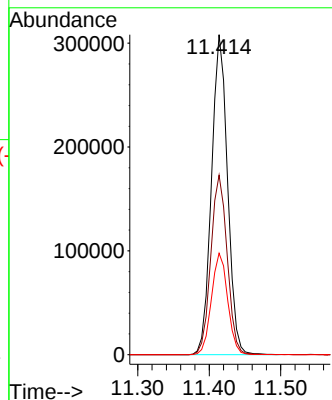
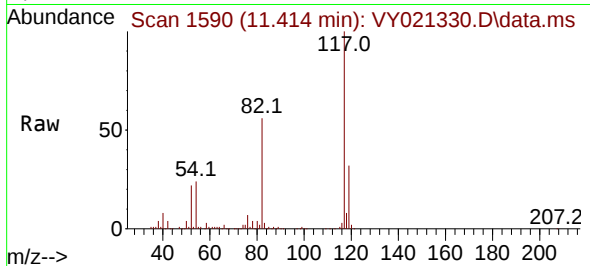




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VY021330.D
Acq: 26 Feb 2025 14:40

Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-192-GW-880-882

Tgt Ion:117 Resp: 479899
Ion Ratio Lower Upper
117 100
82 56.1 46.2 69.4
119 31.7 24.9 37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY021330.D
Acq: 26 Feb 2025 14:40

Tgt Ion:152 Resp: 211748
Ion Ratio Lower Upper
152 100
115 59.5 29.3 88.0
150 156.8 0.0 347.4

