

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102824\
 Data File : VY020039.D
 Acq On : 28 Oct 2024 15:15
 Operator : SY/MD
 Sample : P4574-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GRAVEL-1

Quant Time: Oct 29 01:58:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	137514	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	286119	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	251393	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	85077	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	93145	55.011	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.020%	
35) Dibromofluoromethane	7.634	113	94378	49.986	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.980%	
50) Toluene-d8	10.109	98	350289	50.239	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.480%	
62) 4-Bromofluorobenzene	12.408	95	103909	41.245	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 82.480%	

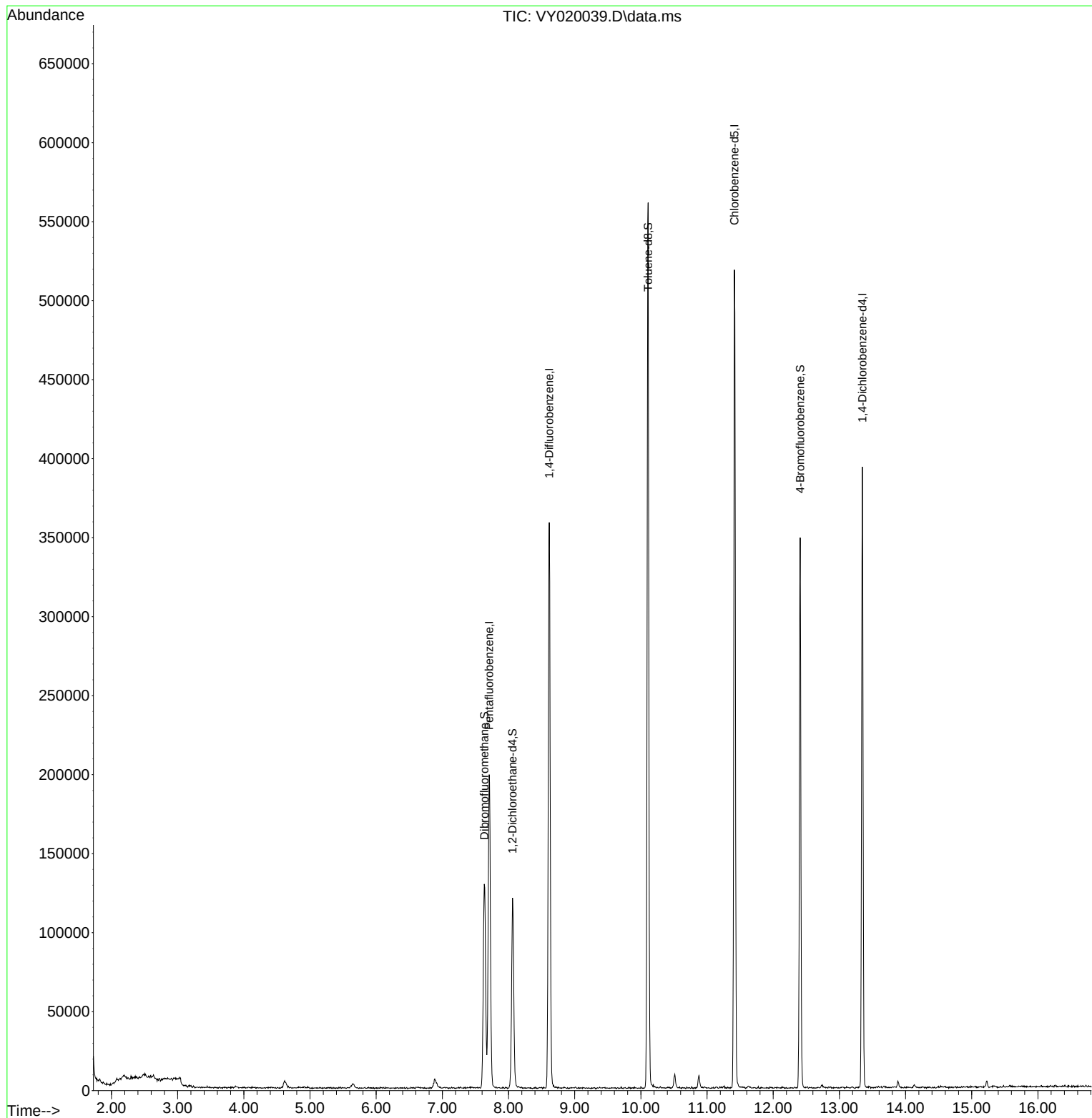
Target Compounds	Qvalue

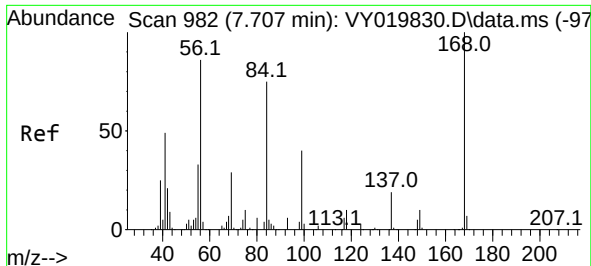
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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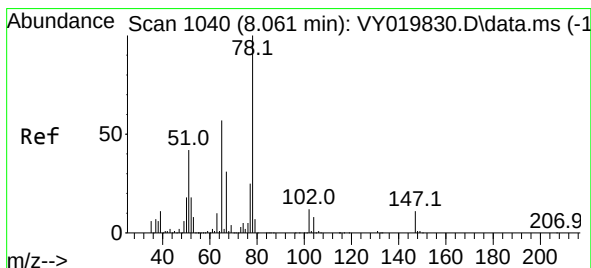
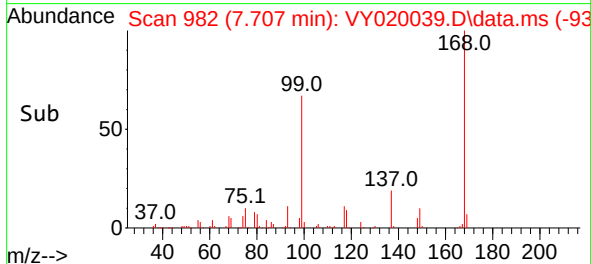
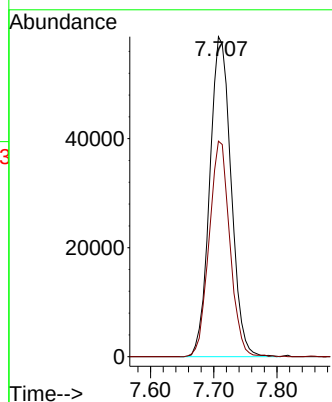
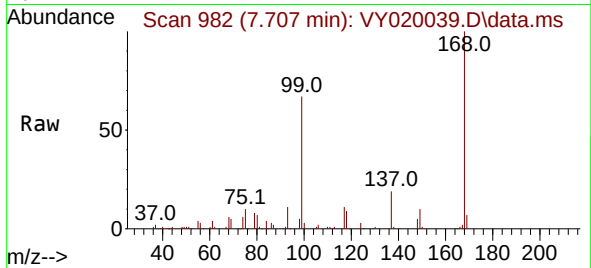




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY020039.D
Acq: 28 Oct 2024 15:15

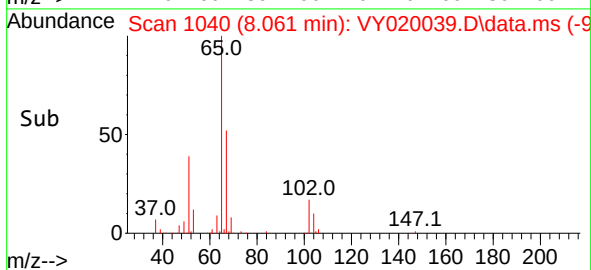
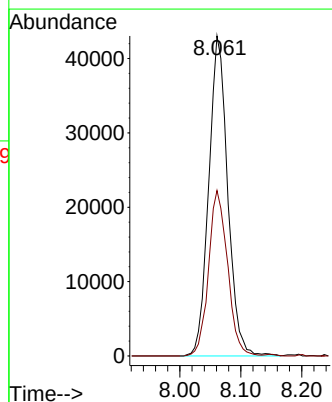
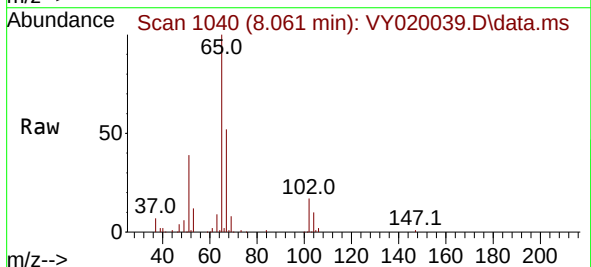
Instrument :
MSVOA_Y
ClientSampleId :
GRAVEL-1

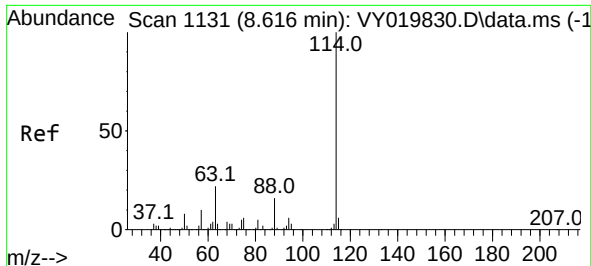
Tgt Ion:168 Resp: 137514
Ion Ratio Lower Upper
168 100
99 67.3 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 55.011 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020039.D
Acq: 28 Oct 2024 15:15

Tgt Ion: 65 Resp: 93145
Ion Ratio Lower Upper
65 100
67 51.8 0.0 109.6

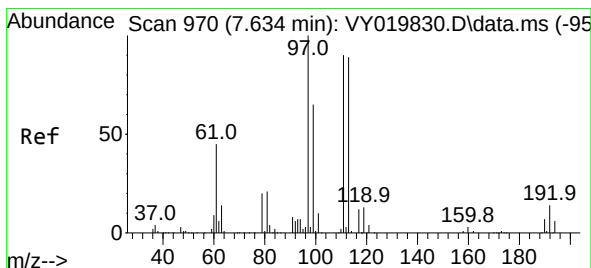
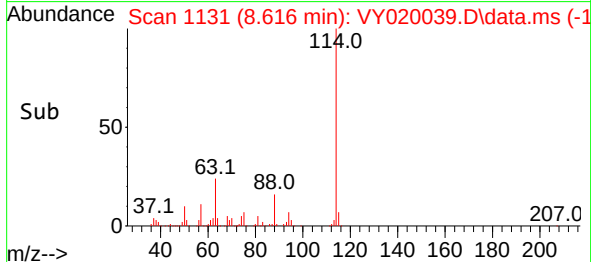
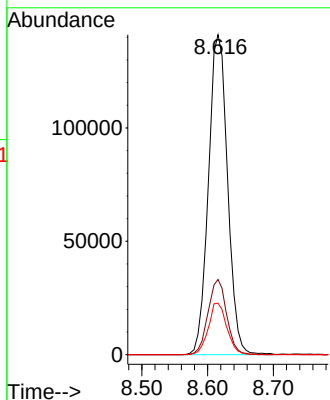
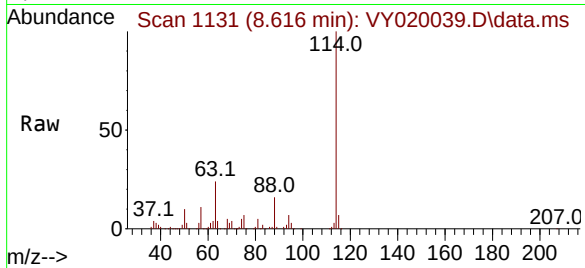




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020039.D
Acq: 28 Oct 2024 15:15

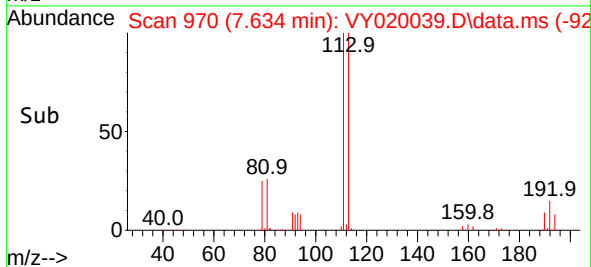
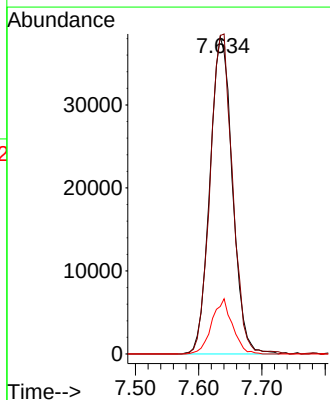
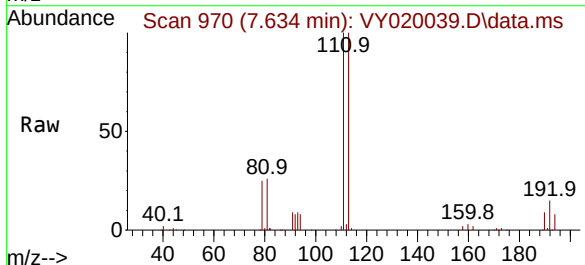
Instrument :
MSVOA_Y
ClientSampleId :
GRAVEL-1

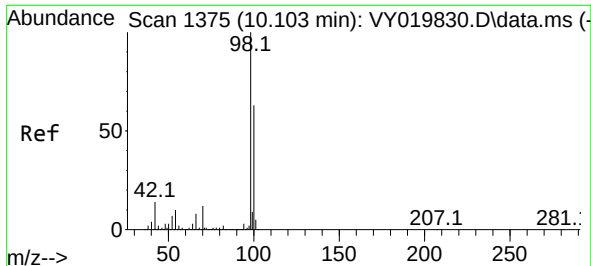
Tgt Ion:114 Resp: 286119
Ion Ratio Lower Upper
114 100
63 23.5 0.0 35.0
88 16.1 0.0 27.2



#35
Dibromofluoromethane
Concen: 49.986 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY020039.D
Acq: 28 Oct 2024 15:15

Tgt Ion:113 Resp: 94378
Ion Ratio Lower Upper
113 100
111 100.3 82.2 123.4
192 15.9 15.9 23.9#

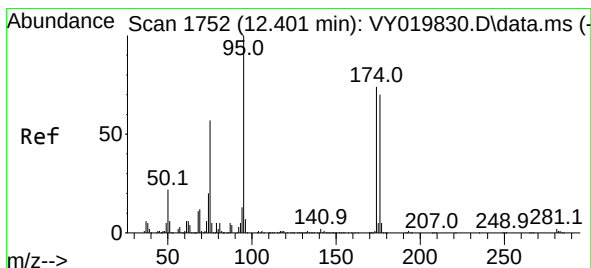
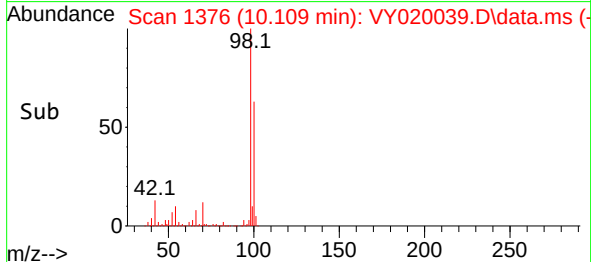
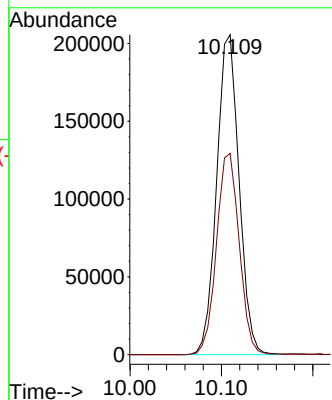
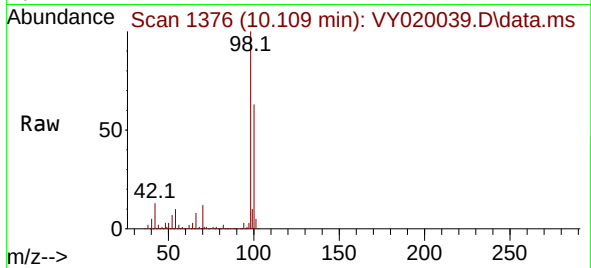




#50
Toluene-d8
Concen: 50.239 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020039.D
Acq: 28 Oct 2024 15:15

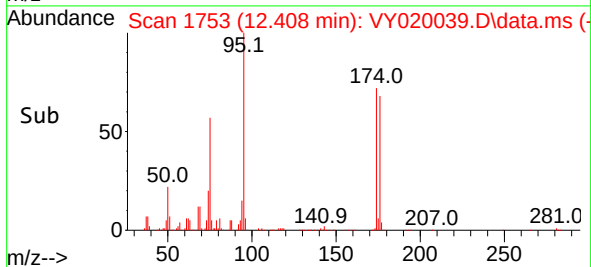
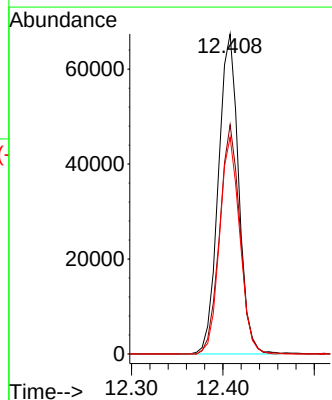
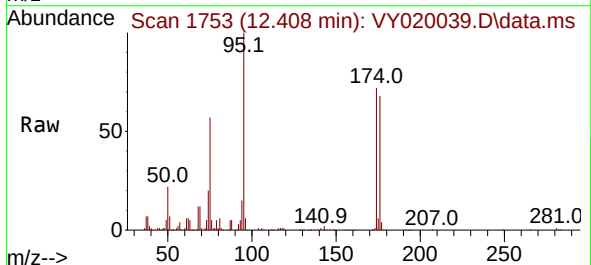
Instrument :
MSVOA_Y
ClientSampleId :
GRAVEL-1

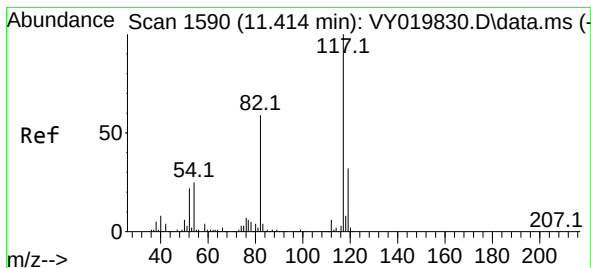
Tgt Ion: 98 Resp: 350289
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 41.245 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY020039.D
Acq: 28 Oct 2024 15:15

Tgt Ion: 95 Resp: 103909
Ion Ratio Lower Upper
95 100
174 71.8 0.0 175.6
176 67.3 0.0 171.4

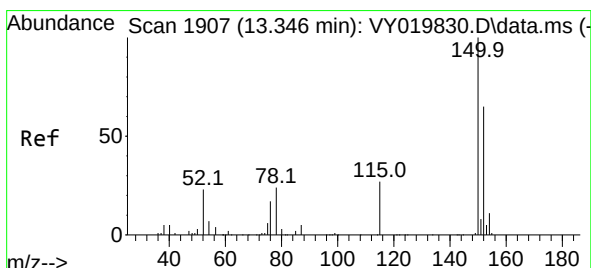
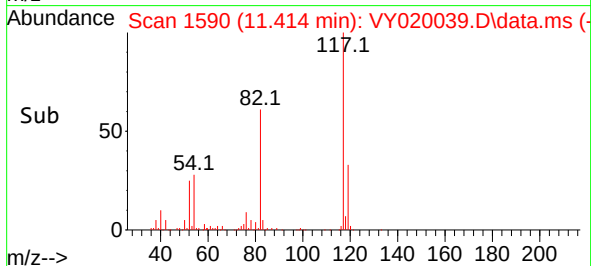
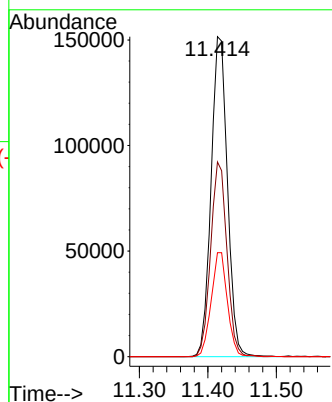
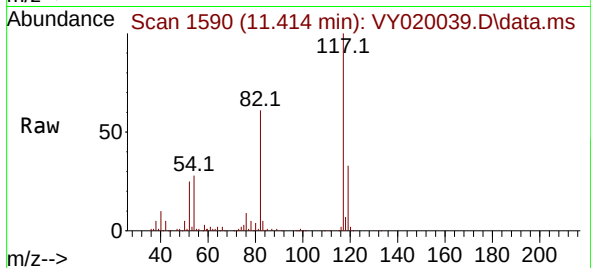




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY020039.D
Acq: 28 Oct 2024 15:15

Instrument :
MSVOA_Y
ClientSampleId :
GRAVEL-1

Tgt Ion:117 Resp: 251393
Ion Ratio Lower Upper
117 100
82 60.8 42.4 63.6
119 32.5 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY020039.D
Acq: 28 Oct 2024 15:15

Tgt Ion:152 Resp: 85077
Ion Ratio Lower Upper
152 100
115 64.6 28.2 84.7
150 160.3 0.0 345.6

