

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102924\
 Data File : VY020054.D
 Acq On : 29 Oct 2024 12:28
 Operator : SY/MD
 Sample : P4597-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RED-1-1

Quant Time: Oct 30 01:22:50 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	7.713	168	187400	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	392865	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	363083	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	129061	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	142540	61.774	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.540%
35) Dibromofluoromethane	7.640	113	133922	51.658	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.320%
50) Toluene-d8	10.109	98	489289	51.108	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.220%
62) 4-Bromofluorobenzene	12.408	95	149511	43.221	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	86.440%

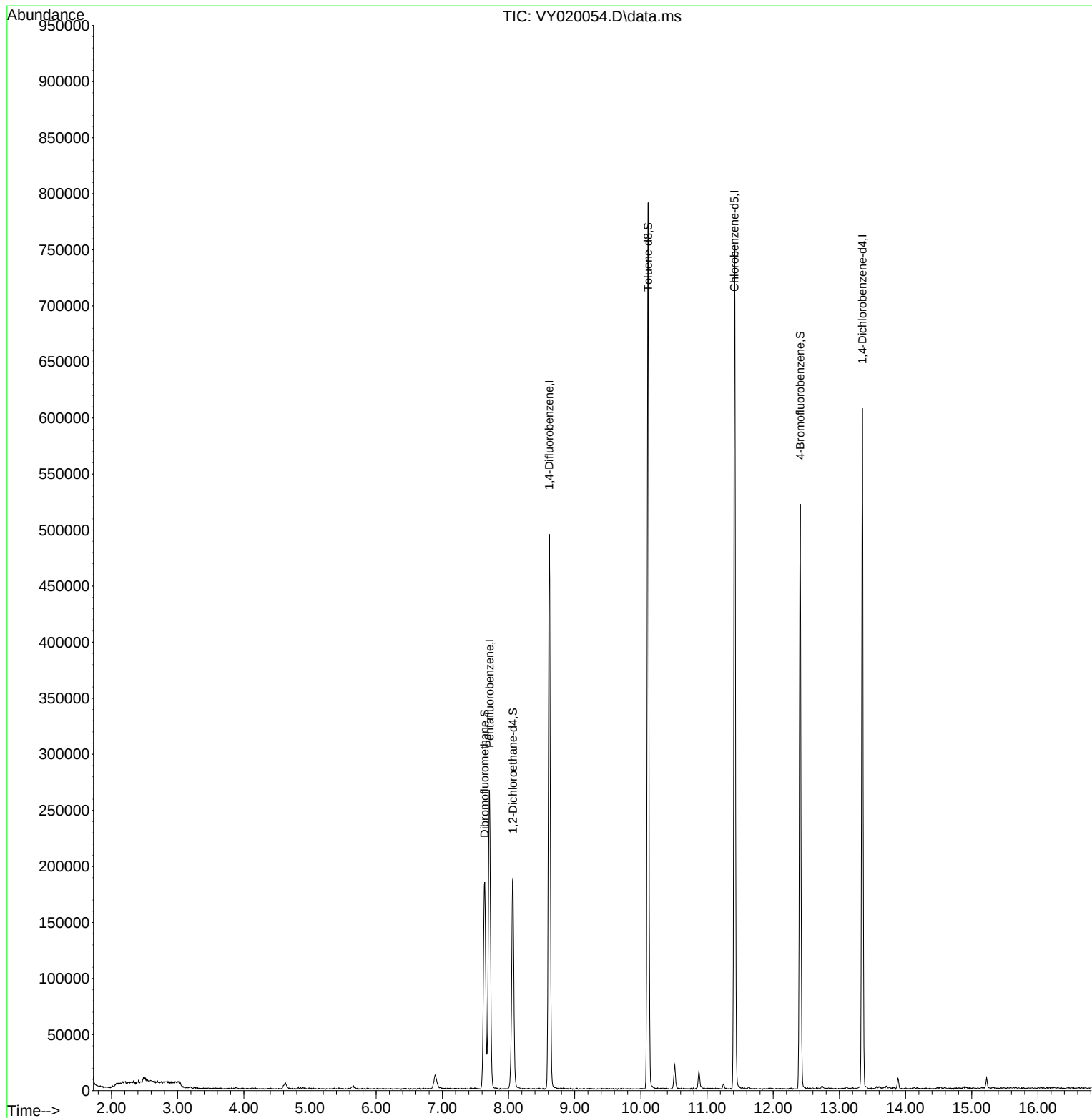
Target Compounds	Qvalue

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

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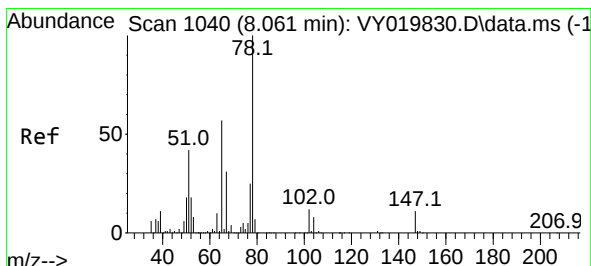
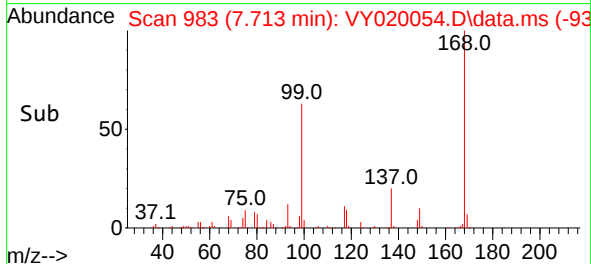
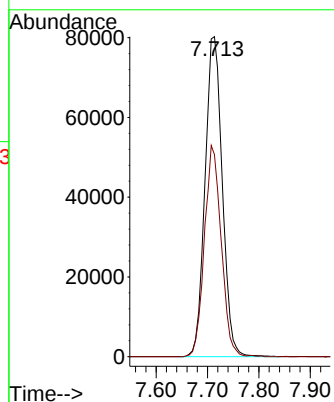
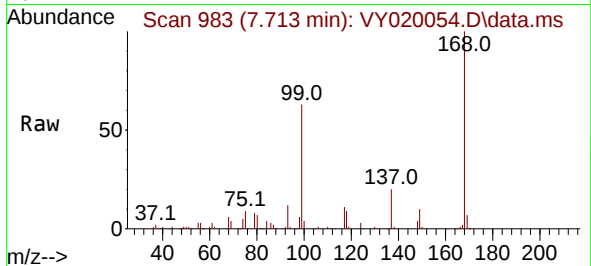




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020054.D
Acq: 29 Oct 2024 12:28

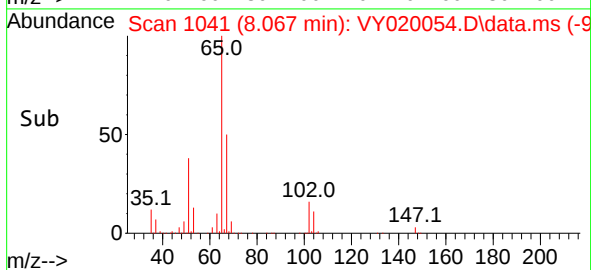
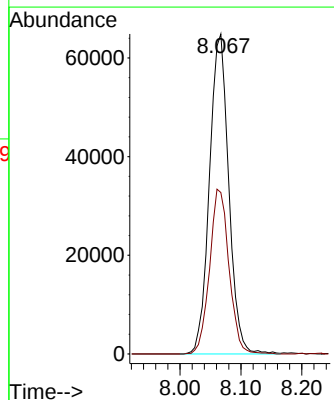
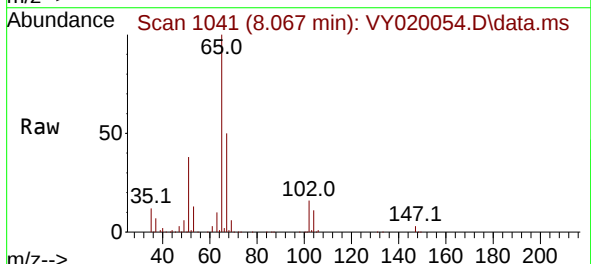
Instrument :
MSVOA_Y
ClientSampleId :
RED-1-1

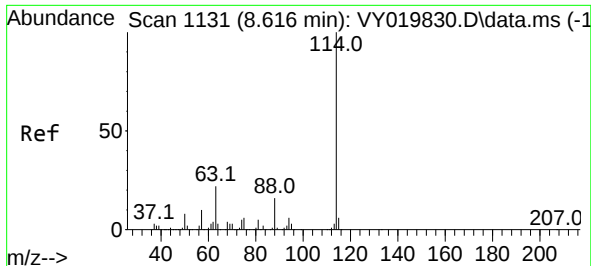
Tgt Ion:168 Resp: 187400
Ion Ratio Lower Upper
168 100
99 63.2 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 61.774 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY020054.D
Acq: 29 Oct 2024 12:28

Tgt Ion: 65 Resp: 142540
Ion Ratio Lower Upper
65 100
67 51.9 0.0 109.6

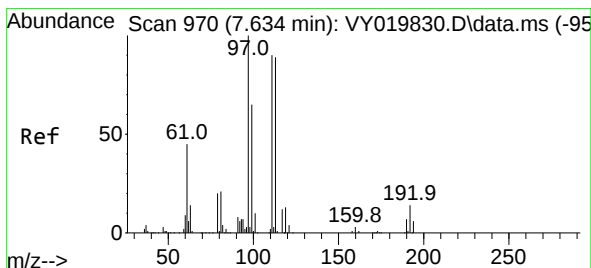
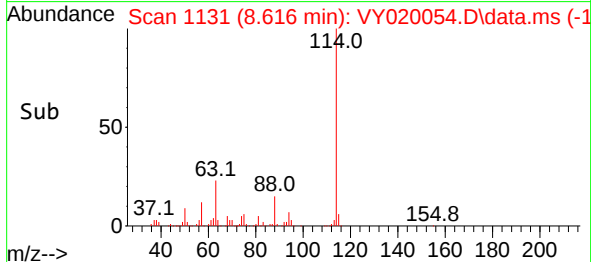
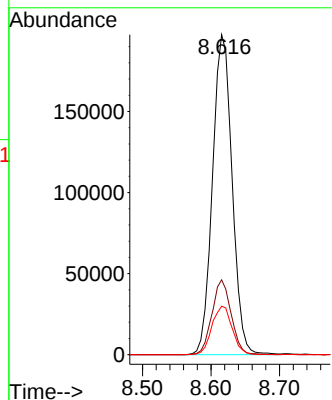
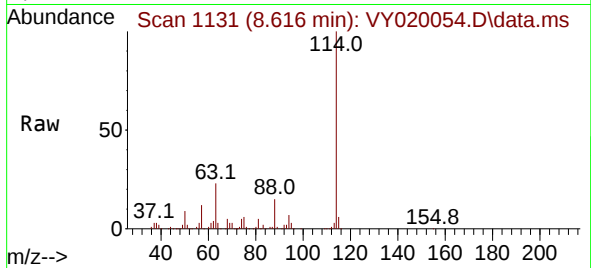




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY020054.D
 Acq: 29 Oct 2024 12:28

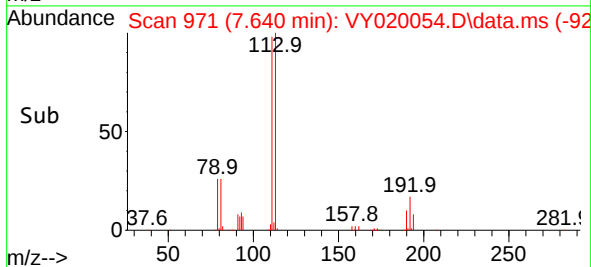
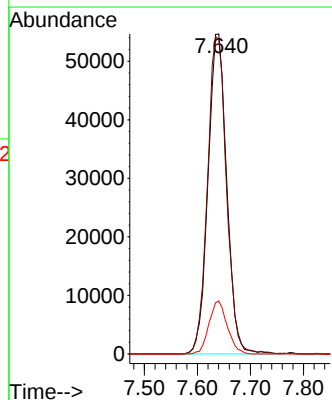
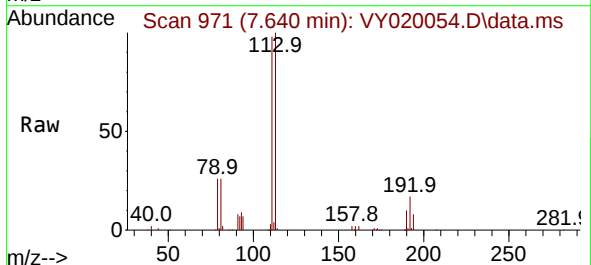
Instrument :
 MSVOA_Y
 ClientSampleId :
 RED-1-1

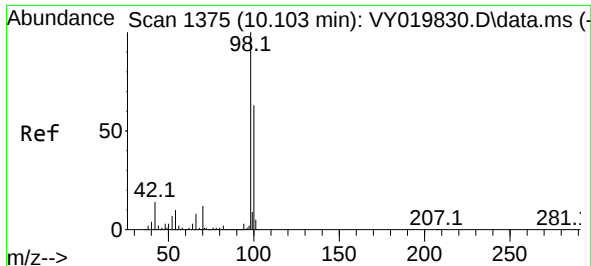
Tgt Ion:114 Resp: 392865
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 35.0
 88 15.1 0.0 27.2



#35
 Dibromofluoromethane
 Concen: 51.658 ug/l
 RT: 7.640 min Scan# 971
 Delta R.T. 0.006 min
 Lab File: VY020054.D
 Acq: 29 Oct 2024 12:28

Tgt Ion:113 Resp: 133922
 Ion Ratio Lower Upper
 113 100
 111 101.0 82.2 123.4
 192 16.2 15.9 23.9

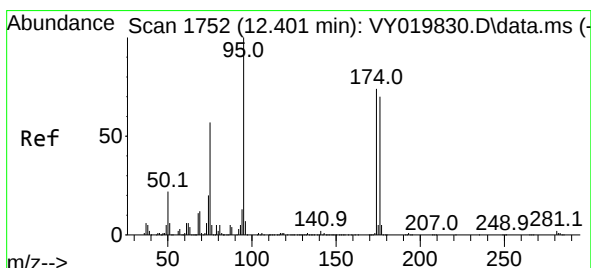
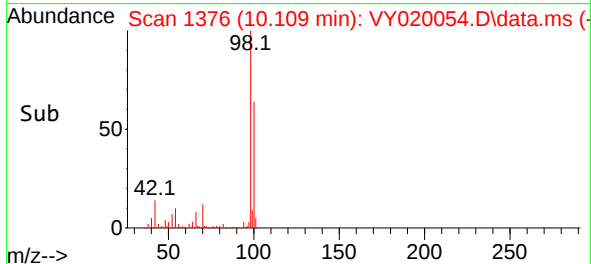
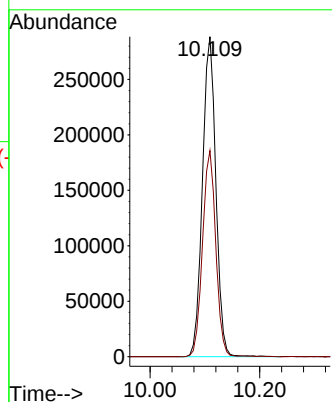
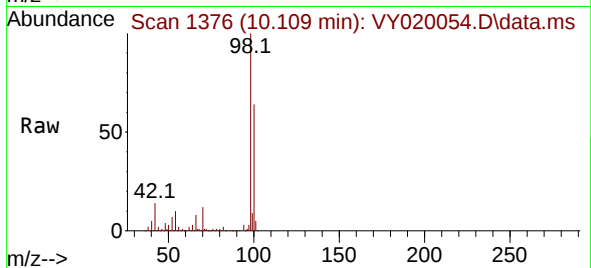




#50
Toluene-d8
Concen: 51.108 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020054.D
Acq: 29 Oct 2024 12:28

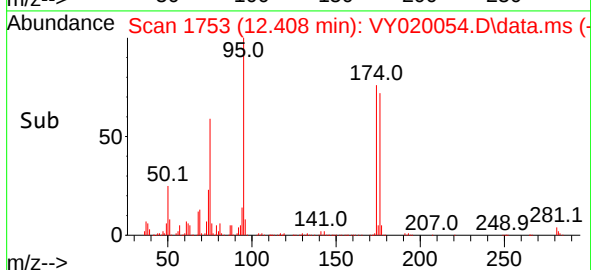
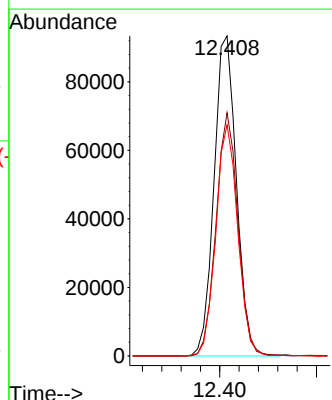
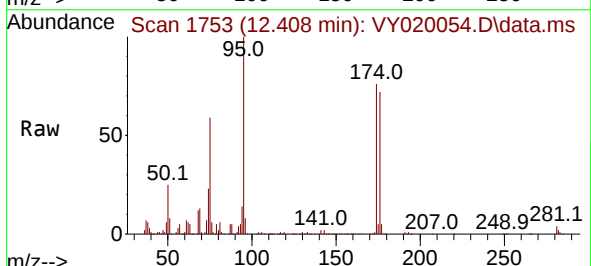
Instrument :
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RED-1-1

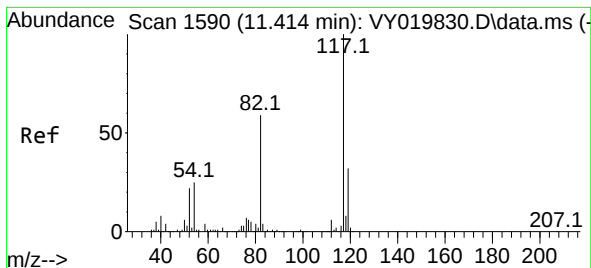
Tgt Ion: 98 Resp: 489289
Ion Ratio Lower Upper
98 100
100 63.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 43.221 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY020054.D
Acq: 29 Oct 2024 12:28

Tgt Ion: 95 Resp: 149511
Ion Ratio Lower Upper
95 100
174 74.6 0.0 175.6
176 70.8 0.0 171.4

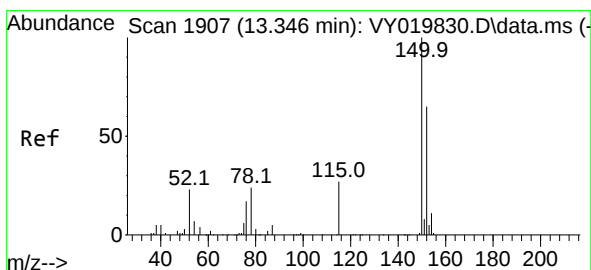
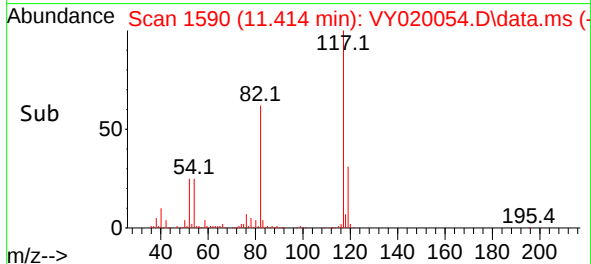
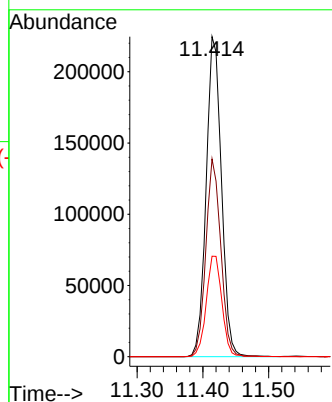
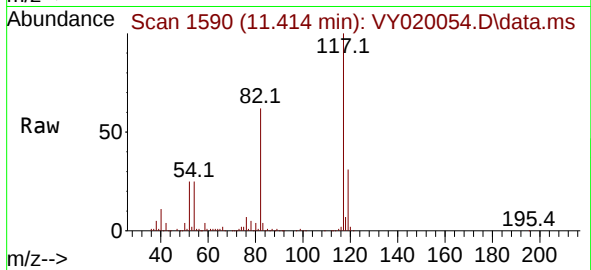




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY020054.D
Acq: 29 Oct 2024 12:28

Instrument :
MSVOA_Y
ClientSampleId :
RED-1-1

Tgt Ion:117 Resp: 363083
Ion Ratio Lower Upper
117 100
82 61.8 42.4 63.6
119 31.4 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY020054.D
Acq: 29 Oct 2024 12:28

Tgt Ion:152 Resp: 129061
Ion Ratio Lower Upper
152 100
115 61.8 28.2 84.7
150 156.7 0.0 345.6

