

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092524\
 Data File : VY019699.D
 Acq On : 25 Sep 2024 16:48
 Operator : SY/MD
 Sample : P4167-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PL-03-09242024

Quant Time: Sep 26 04:02:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

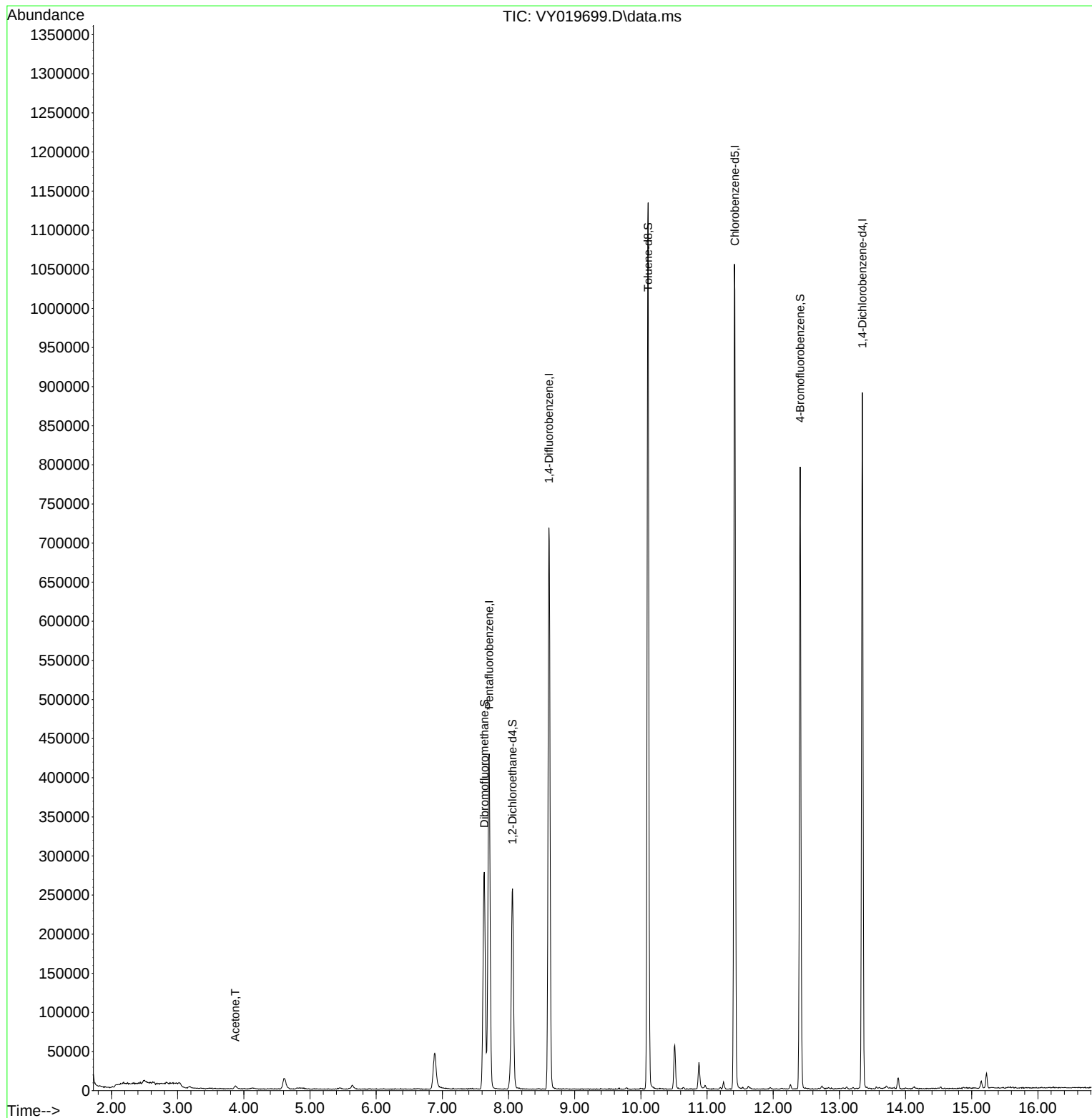
Internal Standards						
1) Pentafluorobenzene	7.707	168	326625	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	621399	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	558571	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	216314	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	193865	64.099	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 128.200%			
35) Dibromofluoromethane	7.634	113	198408	56.314	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.620%			
50) Toluene-d8	10.109	98	736253	56.498	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 113.000%			
62) 4-Bromofluorobenzene	12.408	95	242692	48.434	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 96.860%			
Target Compounds						
16) Acetone	3.873	43	6390	8.868	ug/l	97

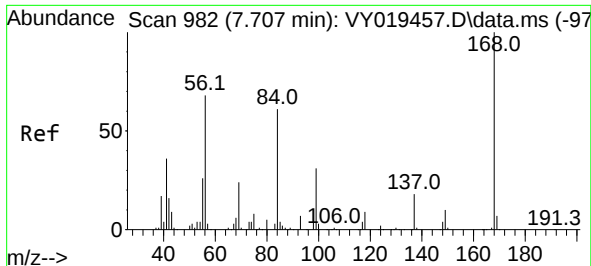
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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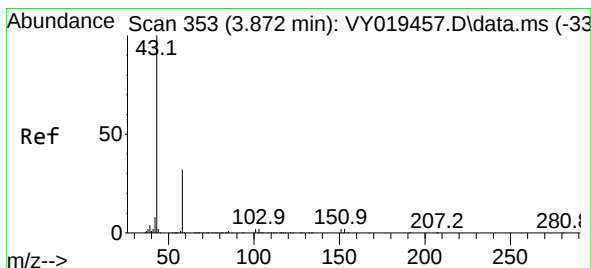
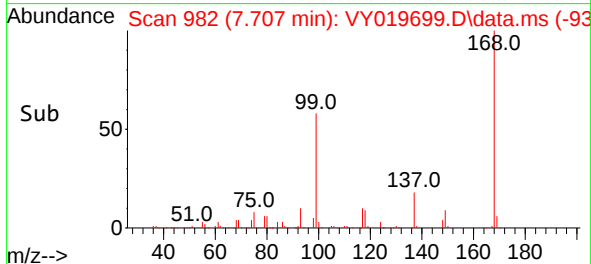
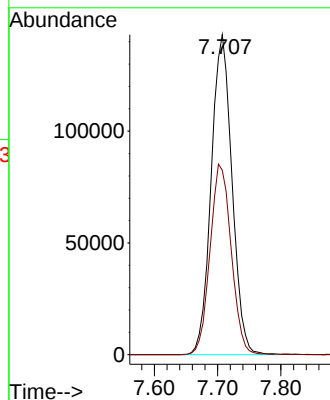
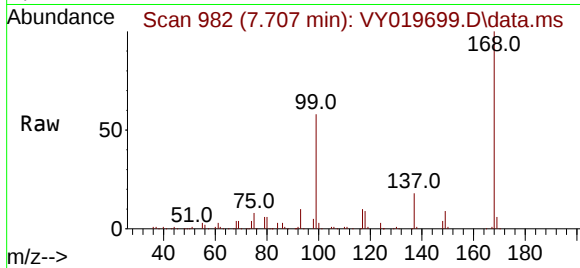




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019699.D
Acq: 25 Sep 2024 16:48

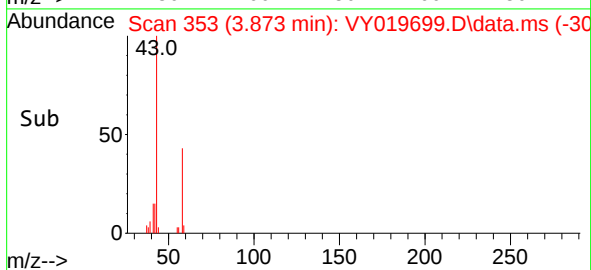
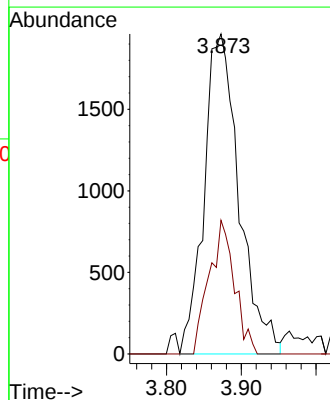
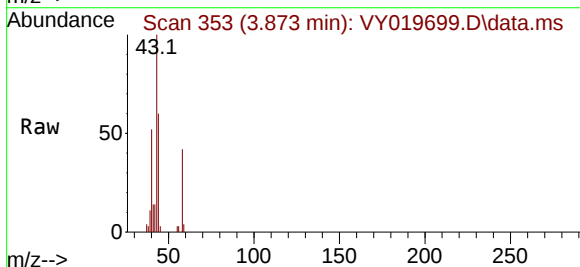
Instrument :
MSVOA_Y
ClientSampleId :
PL-03-09242024

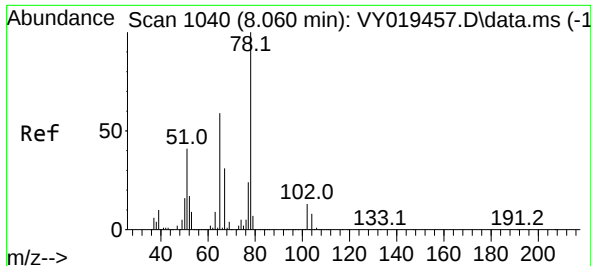
Tgt Ion:168 Resp: 326625
Ion Ratio Lower Upper
168 100
99 57.6 39.1 58.7



#16
Acetone
Concen: 8.868 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY019699.D
Acq: 25 Sep 2024 16:48

Tgt Ion: 43 Resp: 6390
Ion Ratio Lower Upper
43 100
58 41.7 31.7 47.5





#33

1,2-Dichloroethane-d4

Concen: 64.099 ug/l

RT: 8.061 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VY019699.D

Acq: 25 Sep 2024 16:48

Instrument :

MSVOA_Y

ClientSampleId :

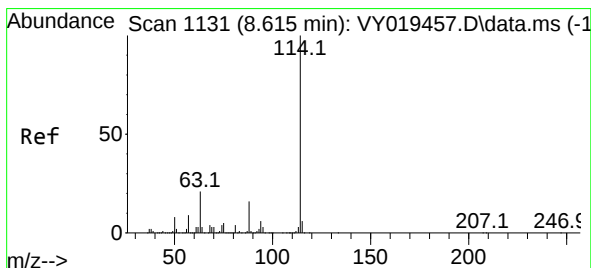
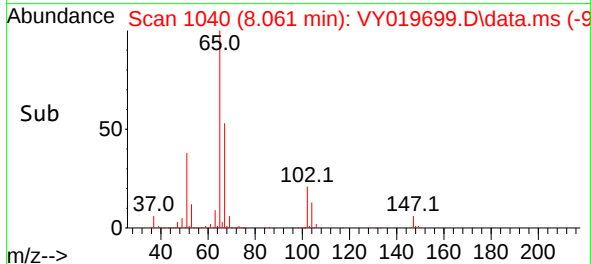
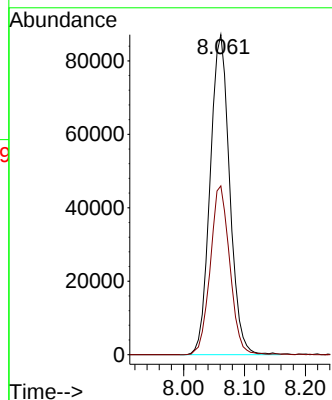
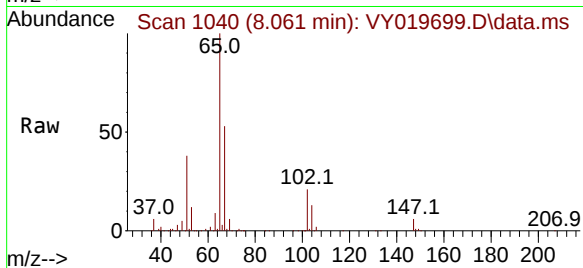
PL-03-09242024

Tgt Ion: 65 Resp: 193865

Ion Ratio Lower Upper

65 100

67 52.5 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY019699.D

Acq: 25 Sep 2024 16:48

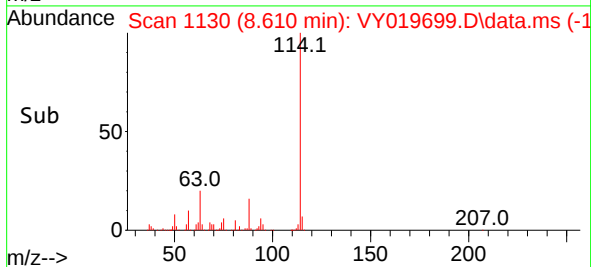
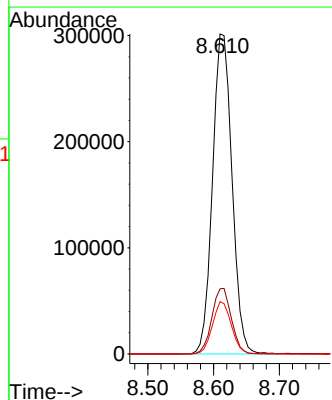
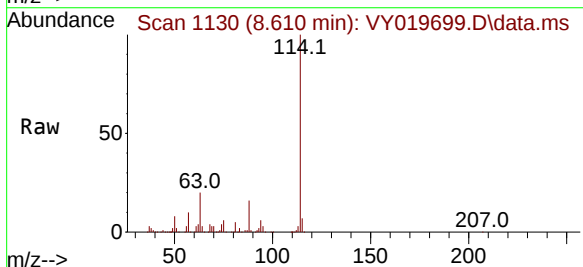
Tgt Ion: 114 Resp: 621399

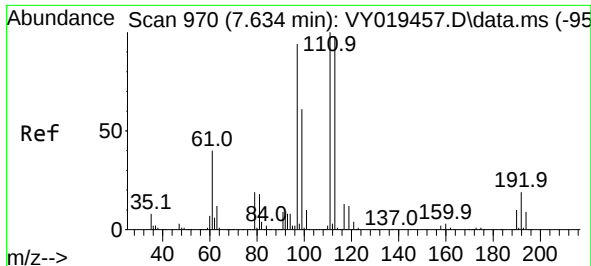
Ion Ratio Lower Upper

114 100

63 20.4 0.0 35.0

88 16.4 0.0 27.2

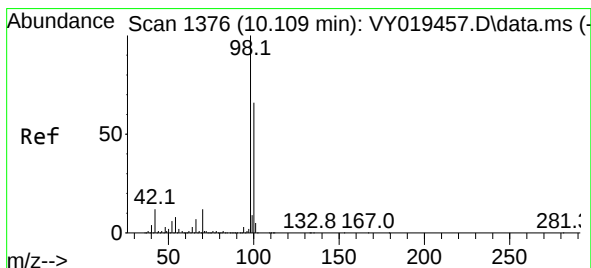
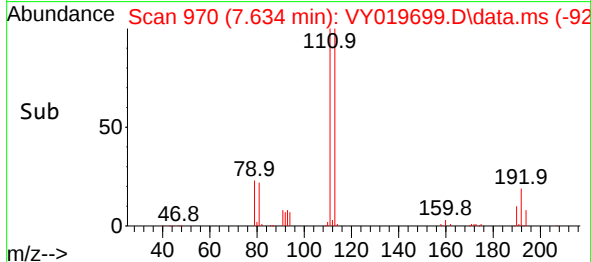
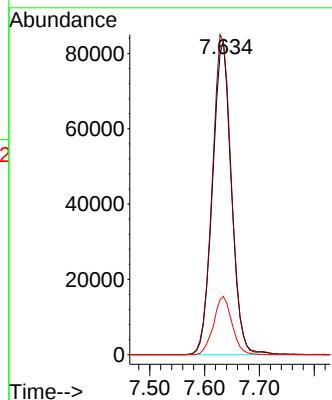
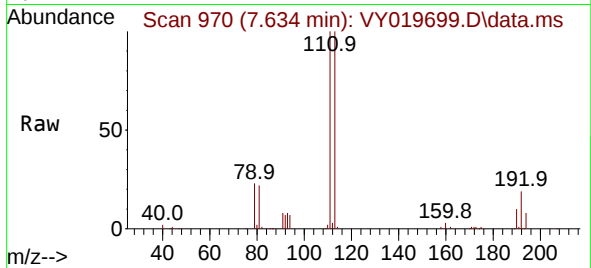




#35
Dibromofluoromethane
Concen: 56.314 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019699.D
Acq: 25 Sep 2024 16:48

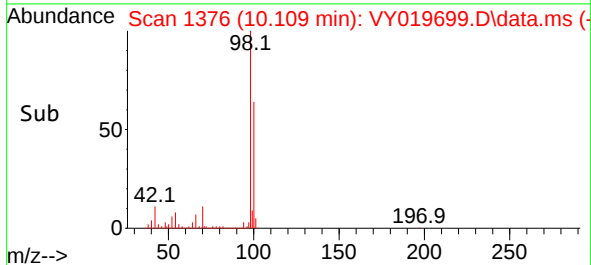
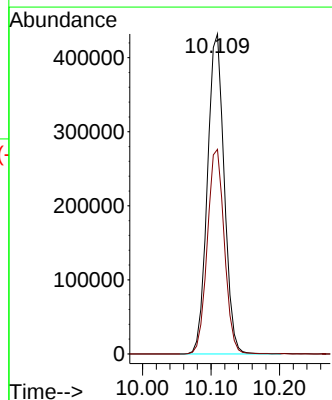
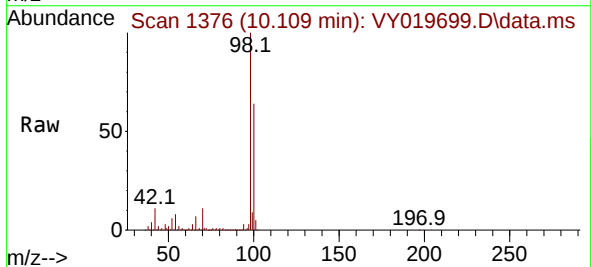
Instrument :
MSVOA_Y
ClientSampleId :
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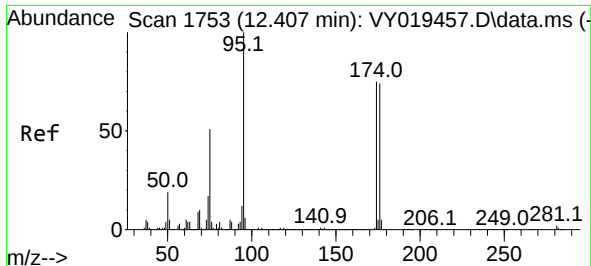
Tgt Ion:113 Resp: 198408
Ion Ratio Lower Upper
113 100
111 103.7 82.2 123.4
192 18.2 15.9 23.9



#50
Toluene-d8
Concen: 56.498 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY019699.D
Acq: 25 Sep 2024 16:48

Tgt Ion: 98 Resp: 736253
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0

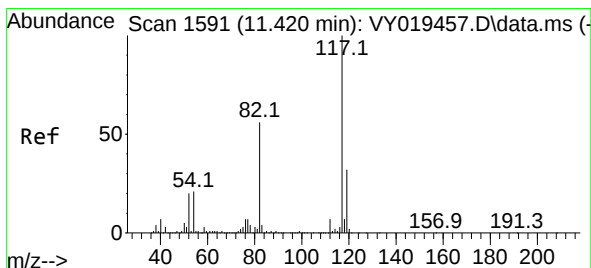
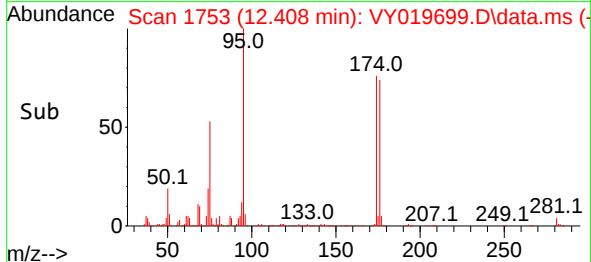
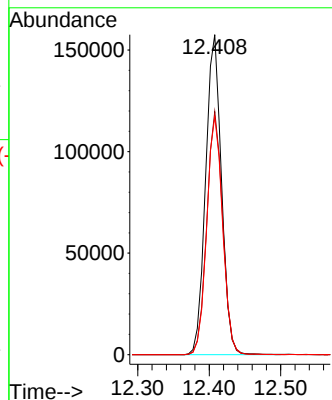
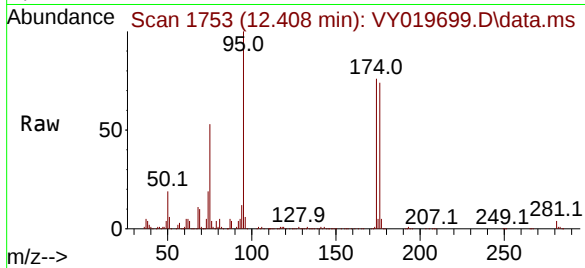




#62
4-Bromofluorobenzene
Concen: 48.434 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019699.D
Acq: 25 Sep 2024 16:48

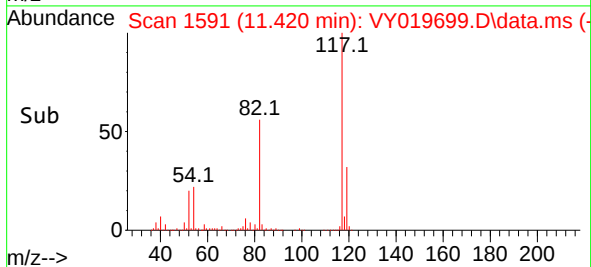
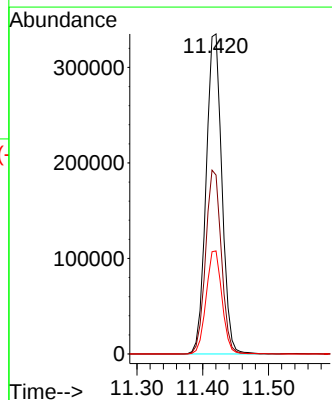
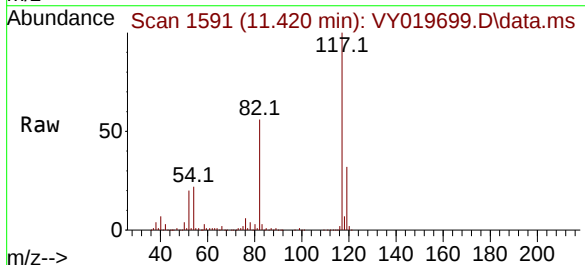
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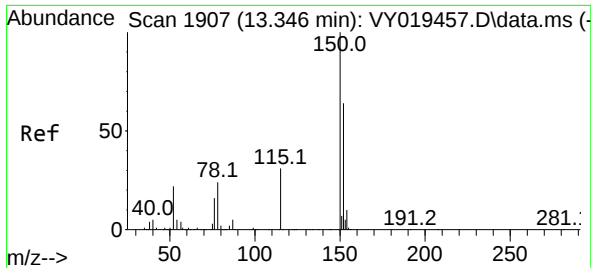
Tgt Ion: 95 Resp: 242692
Ion Ratio Lower Upper
95 100
174 75.9 0.0 175.6
176 74.6 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY019699.D
Acq: 25 Sep 2024 16:48

Tgt Ion: 117 Resp: 558571
Ion Ratio Lower Upper
117 100
82 55.9 42.4 63.6
119 32.2 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: VY019699.D
 Acq: 25 Sep 2024 16:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 PL-03-09242024

Tgt Ion:152 Resp: 216314
 Ion Ratio Lower Upper
 152 100
 115 60.3 28.2 84.7
 150 157.1 0.0 345.6

