

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091824\
 Data File : VY019614.D
 Acq On : 18 Sep 2024 18:28
 Operator : SY/MD
 Sample : P4087-27
 Misc : 4.72g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-614-VOC-05

Quant Time: Sep 19 01:27:31 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)

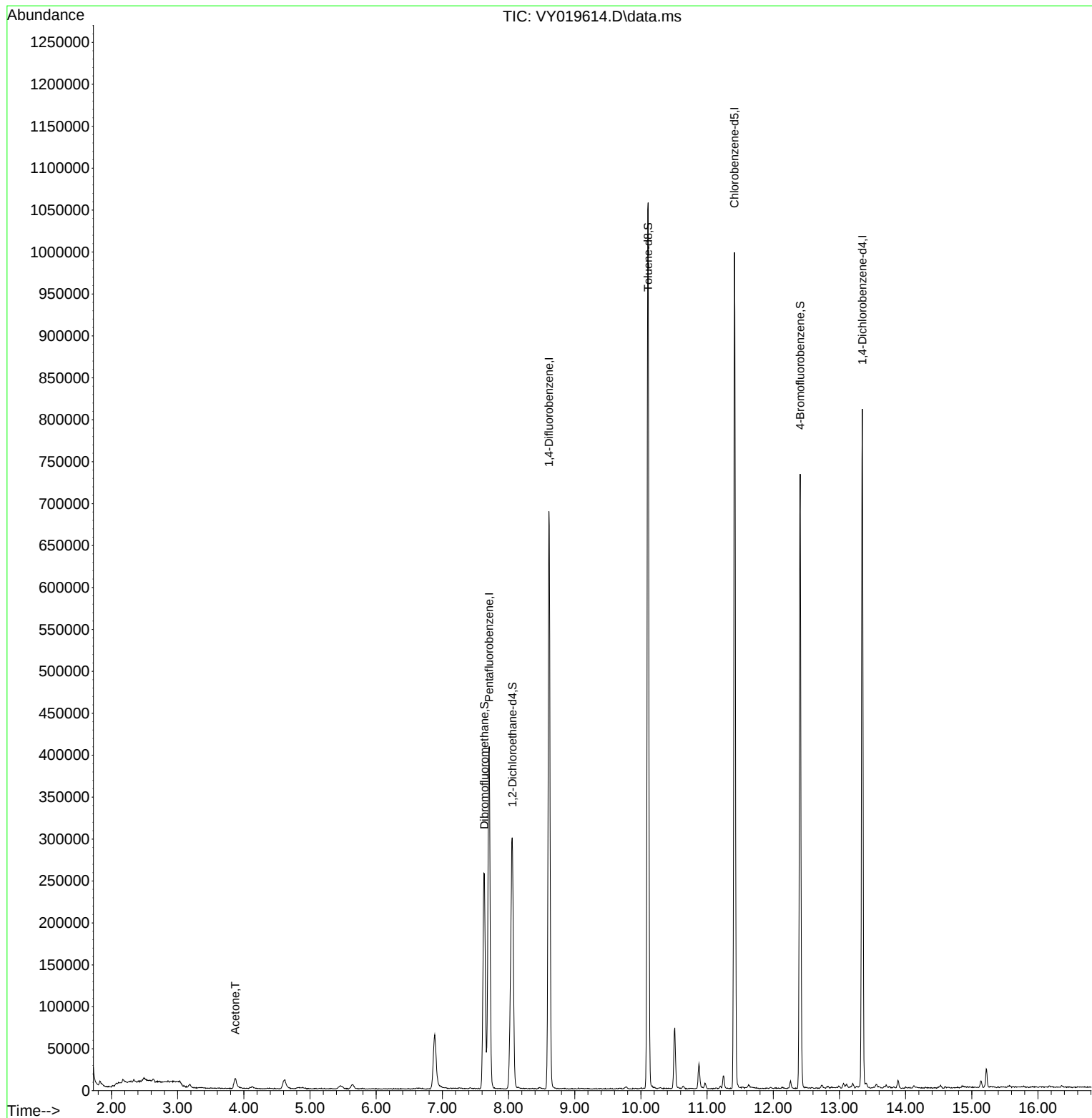
Internal Standards						
1) Pentafluorobenzene	7.707	168	298420	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.609	114	582032	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	520084	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	193978	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	191538	69.315	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 138.620%	
35) Dibromofluoromethane	7.634	113	188669	57.172	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.340%	
50) Toluene-d8	10.109	98	690907	56.604	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 113.200%	
62) 4-Bromofluorobenzene	12.408	95	225014	47.944	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 95.880%	
Target Compounds						
16) Acetone	3.872	43	21850	33.191	ug/l	Qvalue 100

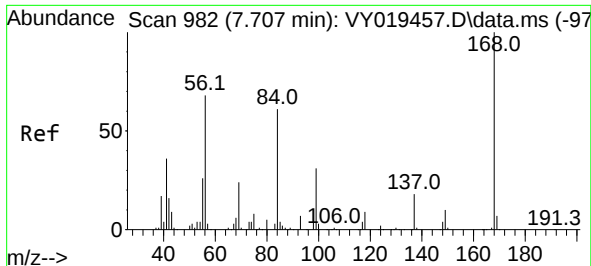
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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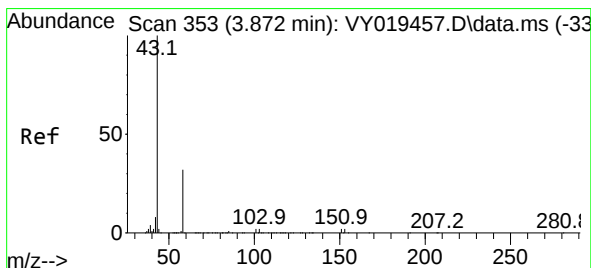
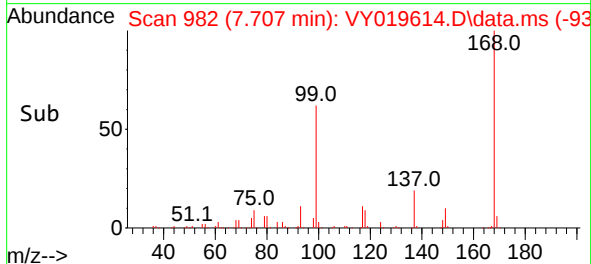
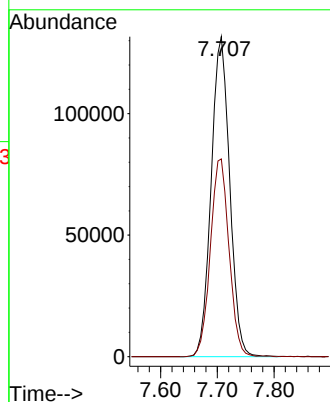
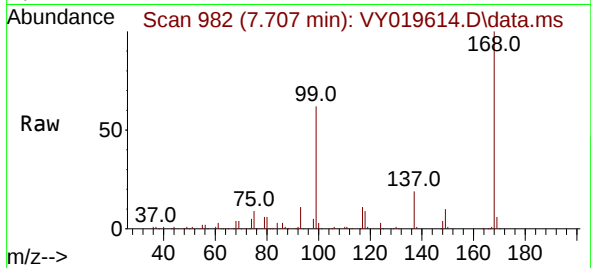




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY019614.D
Acq: 18 Sep 2024 18:28

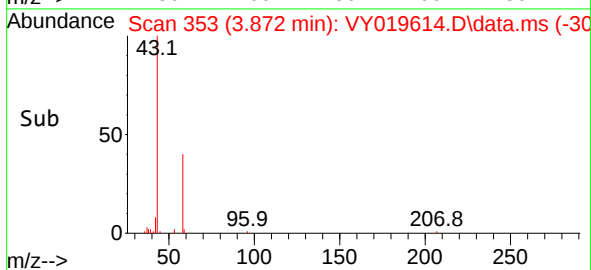
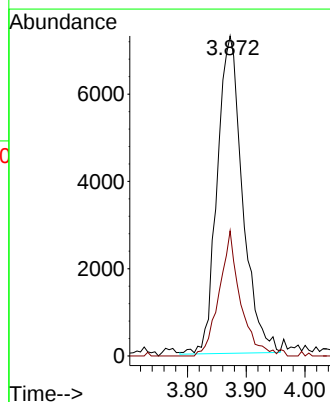
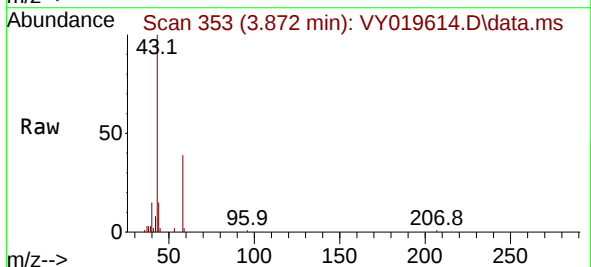
Instrument :
MSVOA_Y
ClientSampleId :
NB-614-VOC-05

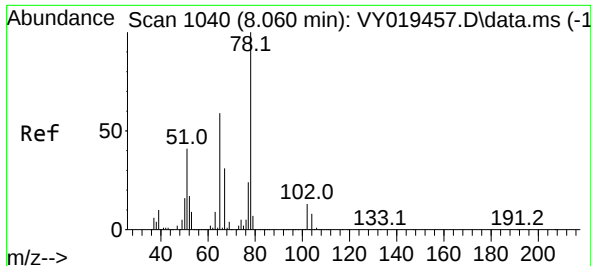
Tgt Ion:168 Resp: 298420
Ion Ratio Lower Upper
168 100
99 61.8 39.1 58.7#



#16
Acetone
Concen: 33.191 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY019614.D
Acq: 18 Sep 2024 18:28

Tgt Ion: 43 Resp: 21850
Ion Ratio Lower Upper
43 100
58 39.5 31.7 47.5





#33

1,2-Dichloroethane-d4

Concen: 69.315 ug/l

RT: 8.061 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY019614.D

Acq: 18 Sep 2024 18:28

Instrument :

MSVOA_Y

ClientSampleId :

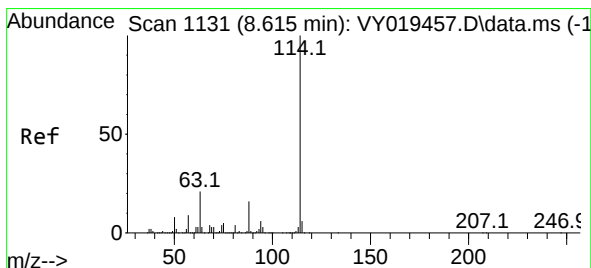
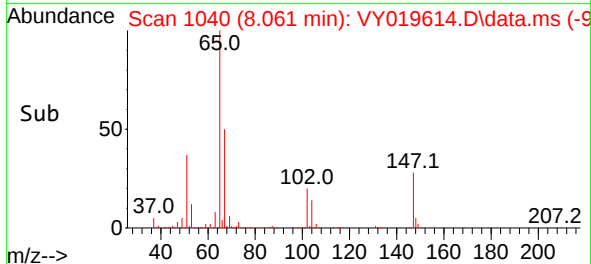
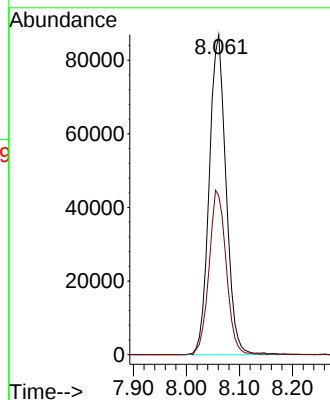
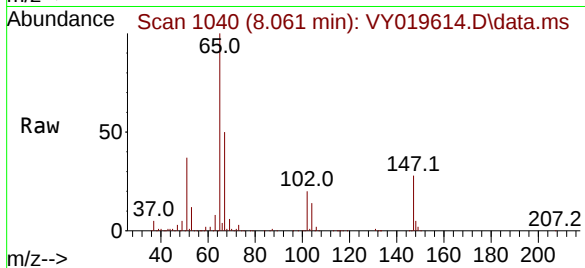
NB-614-VOC-05

Tgt Ion: 65 Resp: 191538

Ion Ratio Lower Upper

65 100

67 52.4 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY019614.D

Acq: 18 Sep 2024 18:28

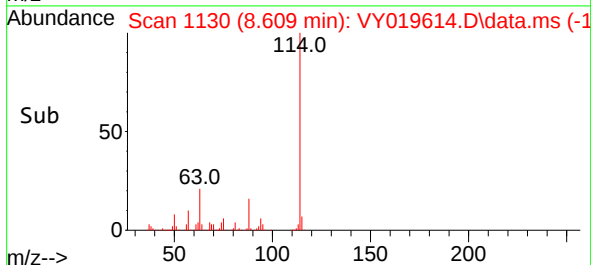
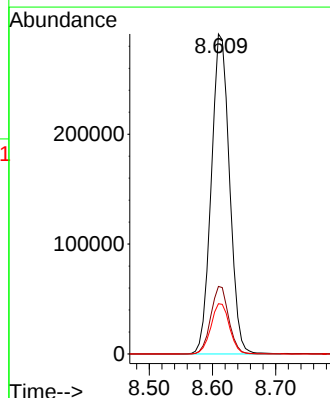
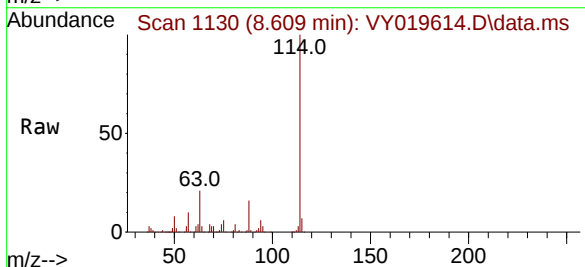
Tgt Ion: 114 Resp: 582032

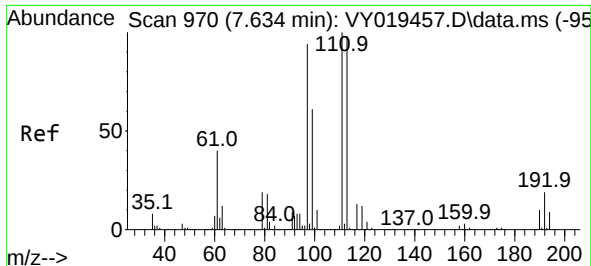
Ion Ratio Lower Upper

114 100

63 21.1 0.0 35.0

88 15.7 0.0 27.2

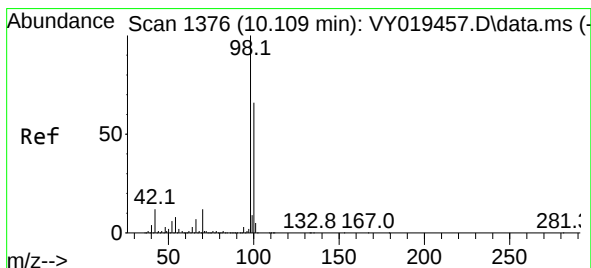
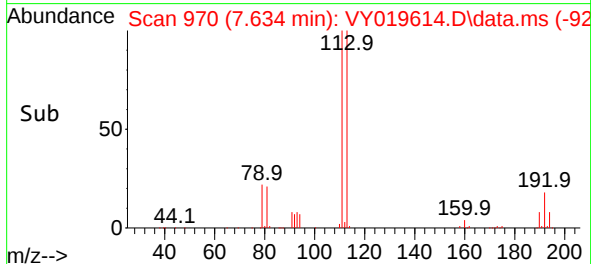
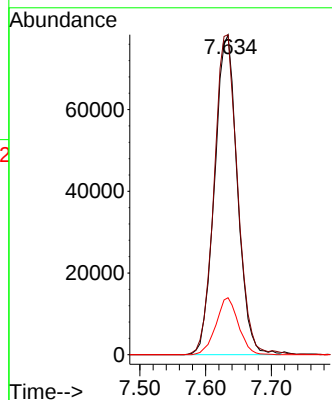
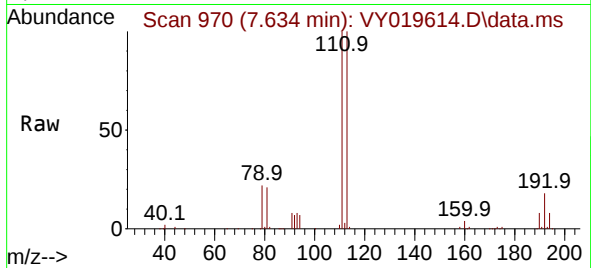




#35
Dibromofluoromethane
Concen: 57.172 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019614.D
Acq: 18 Sep 2024 18:28

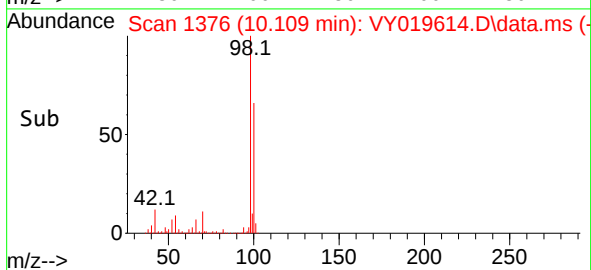
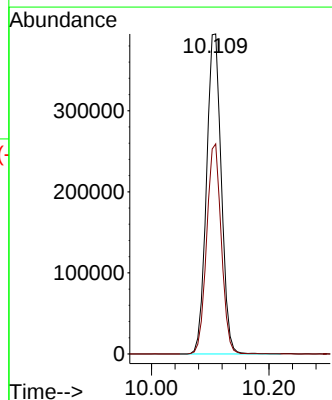
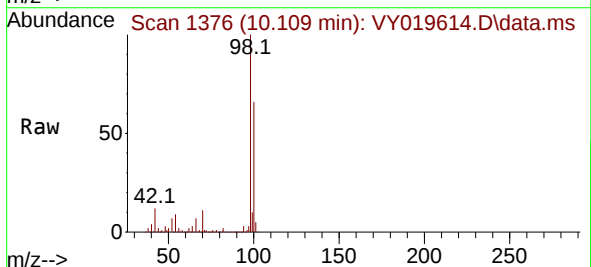
Instrument :
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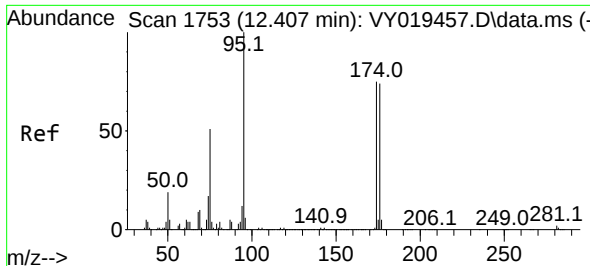
Tgt Ion:113 Resp: 188669
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.4
192 17.5 15.9 23.9



#50
Toluene-d8
Concen: 56.604 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY019614.D
Acq: 18 Sep 2024 18:28

Tgt Ion: 98 Resp: 690907
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0

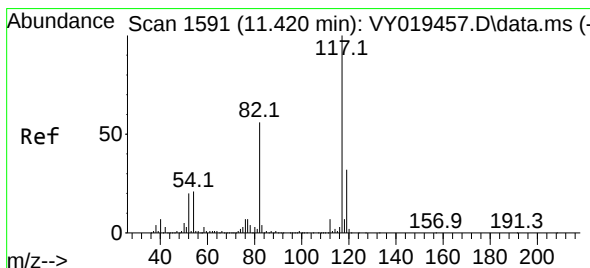
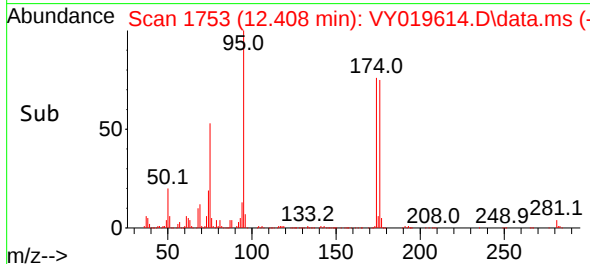
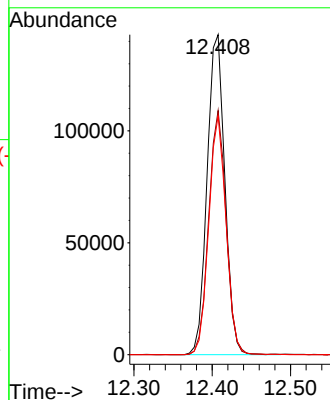
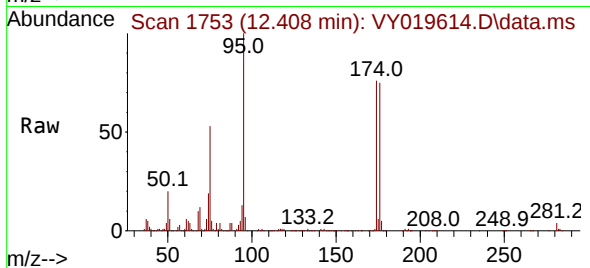




#62
4-Bromofluorobenzene
Concen: 47.944 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019614.D
Acq: 18 Sep 2024 18:28

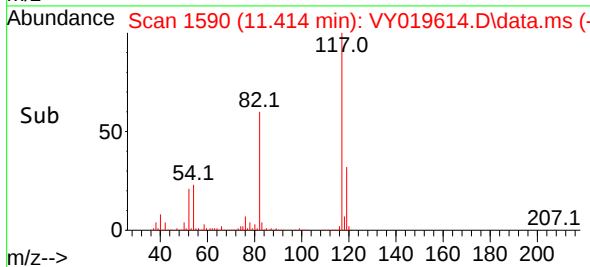
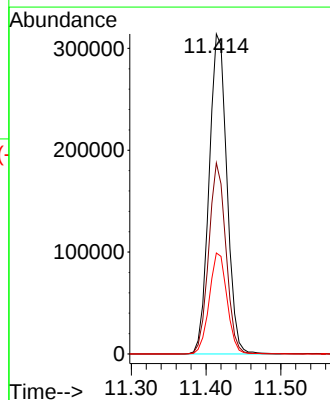
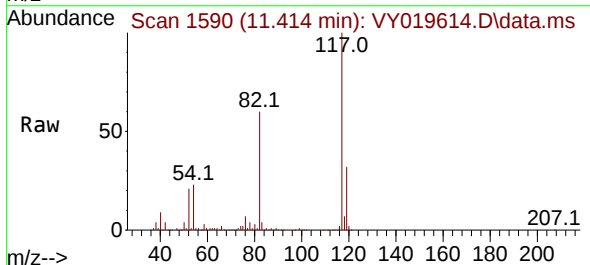
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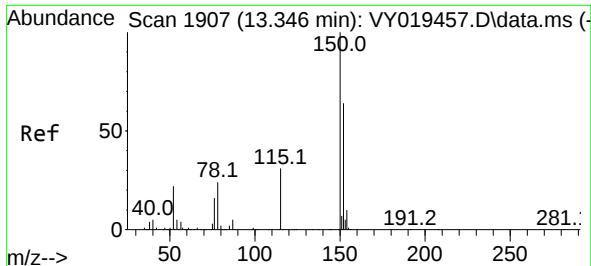
Tgt Ion: 95 Resp: 225014
Ion Ratio Lower Upper
95 100
174 74.7 0.0 175.6
176 72.6 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019614.D
Acq: 18 Sep 2024 18:28

Tgt Ion: 117 Resp: 520084
Ion Ratio Lower Upper
117 100
82 59.7 42.4 63.6
119 31.5 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: VY019614.D
 Acq: 18 Sep 2024 18:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-614-VOC-05

Tgt Ion:152 Resp: 193978
 Ion Ratio Lower Upper
 152 100
 115 60.9 28.2 84.7
 150 154.6 0.0 345.6

