

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091824\
 Data File : VY019615.D
 Acq On : 18 Sep 2024 18:51
 Operator : SY/MD
 Sample : P4087-33
 Misc : 4.47g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-614-VOC-06

Quant Time: Sep 19 01:27:44 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	293700	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	566693	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	469667	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	145152	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	179344	65.945	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 131.900%	
35) Dibromofluoromethane	7.628	113	179449	55.850	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.700%	
50) Toluene-d8	10.109	98	662246	55.724	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.440%	
62) 4-Bromofluorobenzene	12.408	95	187928	41.126	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 82.260%	

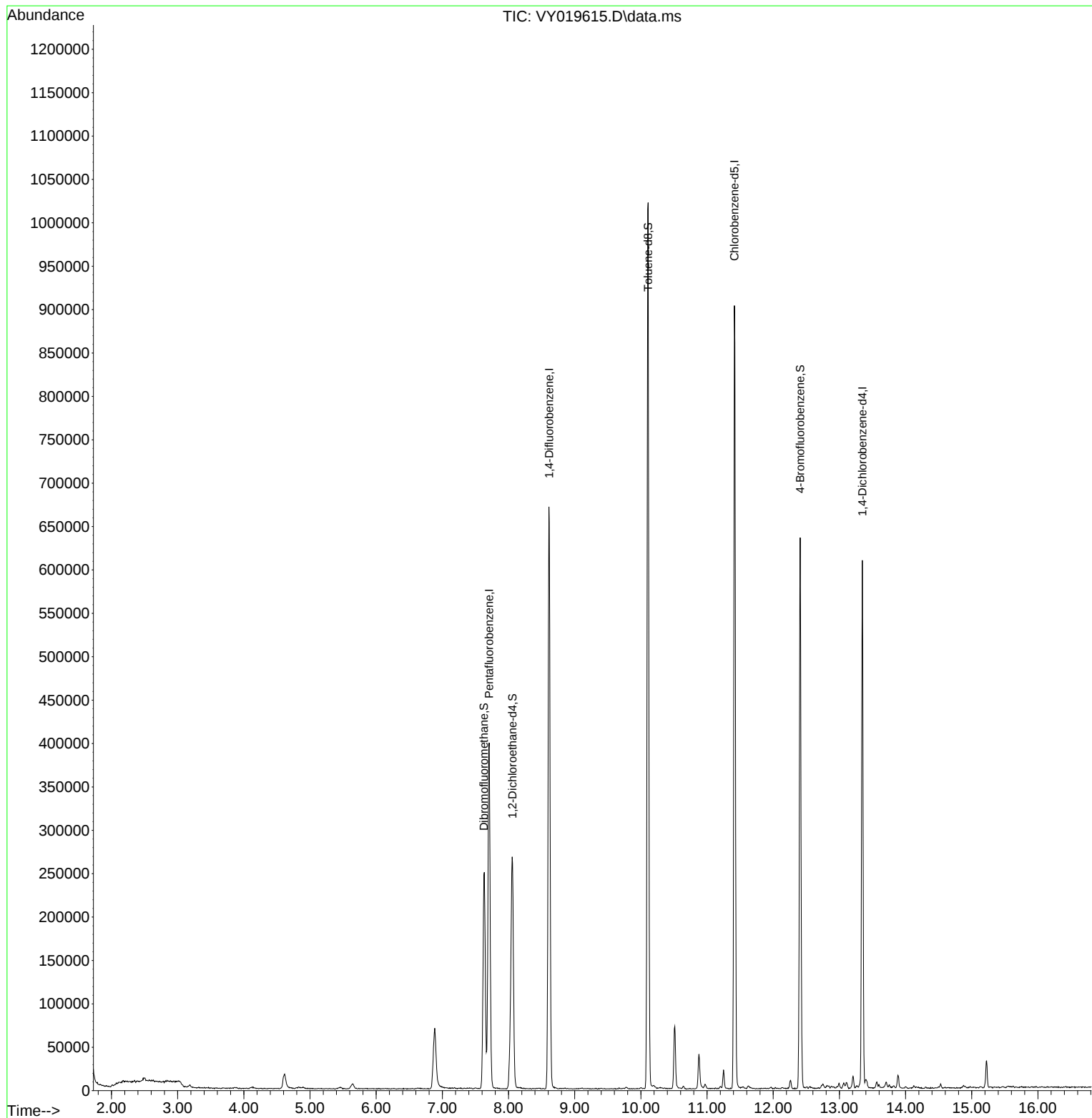
Target Compounds Qvalue

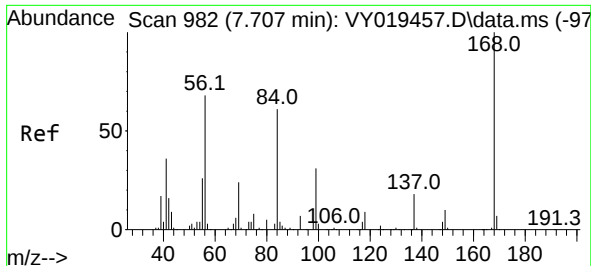
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091824\
Data File : VY019615.D
Acq On : 18 Sep 2024 18:51
Operator : SY/MD
Sample : P4087-33
Misc : 4.47g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
NB-614-VOC-06

Quant Time: Sep 19 01:27:44 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

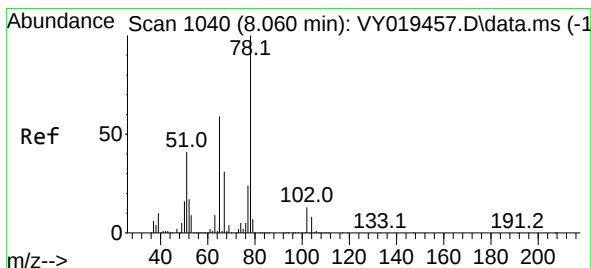
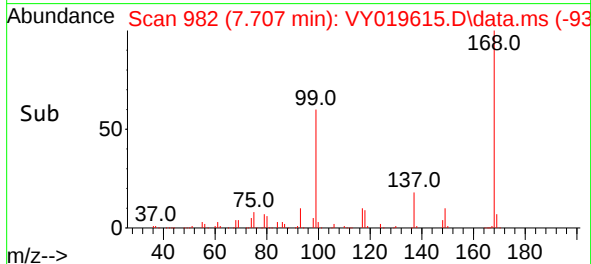
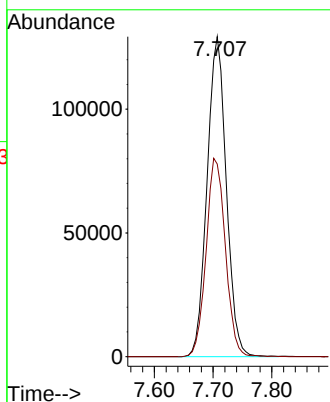
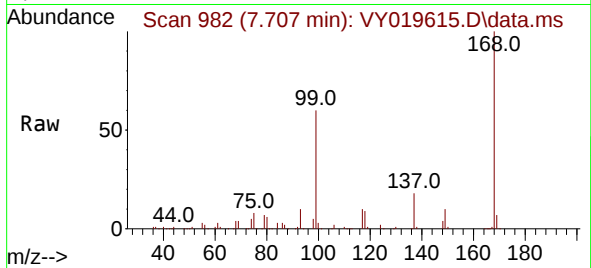




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019615.D
Acq: 18 Sep 2024 18:51

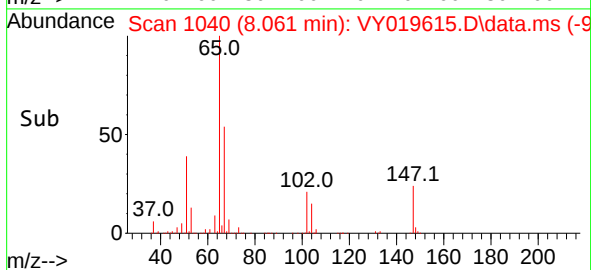
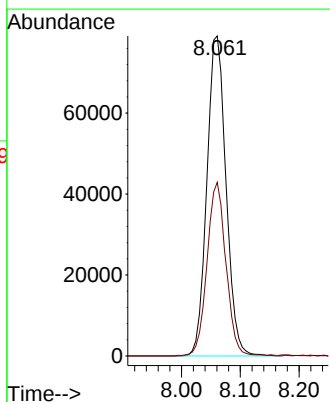
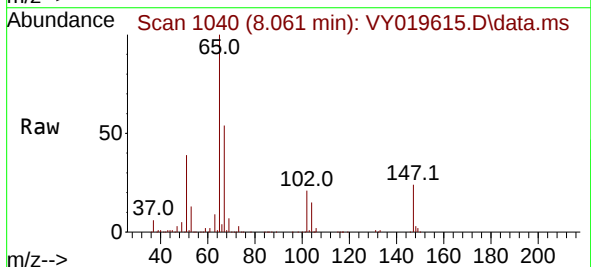
Instrument :
MSVOA_Y
ClientSampleId :
NB-614-VOC-06

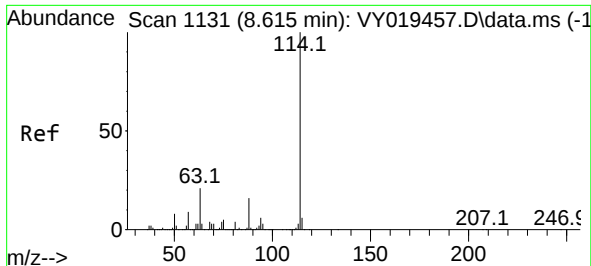
Tgt Ion:168 Resp: 293700
Ion Ratio Lower Upper
168 100
99 60.2 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 65.945 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019615.D
Acq: 18 Sep 2024 18:51

Tgt Ion: 65 Resp: 179344
Ion Ratio Lower Upper
65 100
67 53.5 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: VY019615.D

Acq: 18 Sep 2024 18:51

Instrument :

MSVOA_Y

ClientSampleId :

NB-614-VOC-06

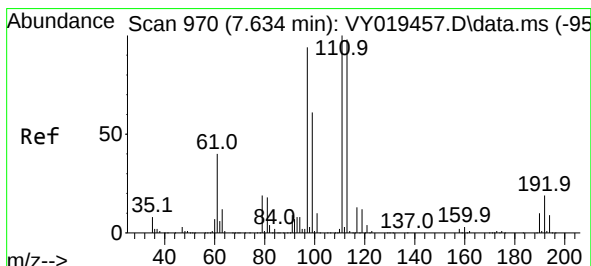
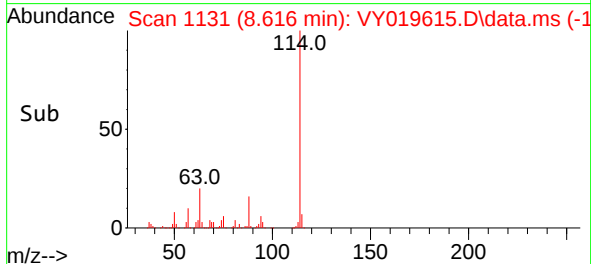
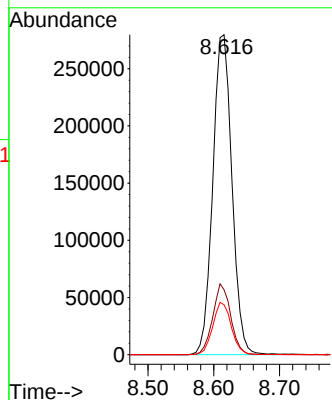
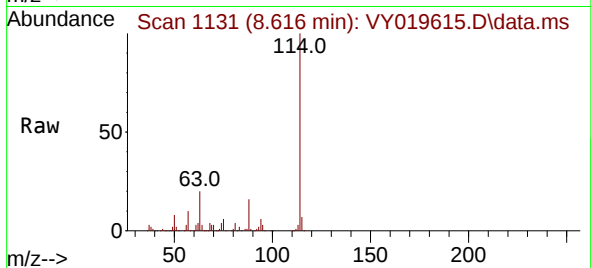
Tgt Ion:114 Resp: 566693

Ion Ratio Lower Upper

114 100

63 20.3 0.0 35.0

88 15.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 55.850 ug/l

RT: 7.628 min Scan# 969

Delta R.T. -0.006 min

Lab File: VY019615.D

Acq: 18 Sep 2024 18:51

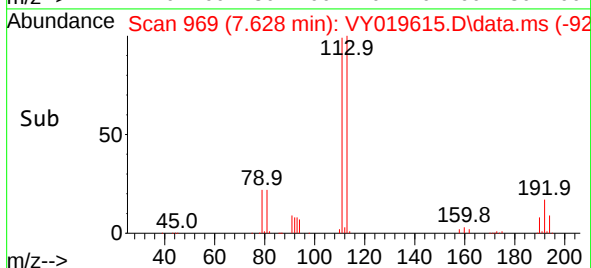
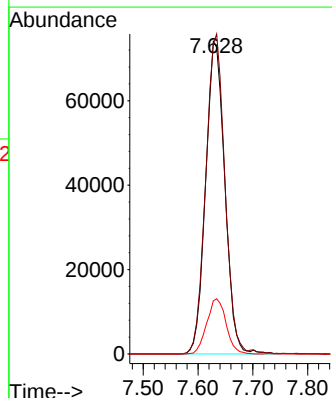
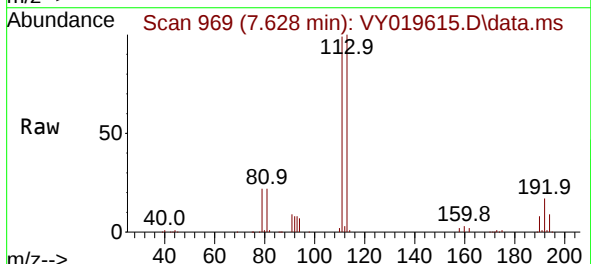
Tgt Ion:113 Resp: 179449

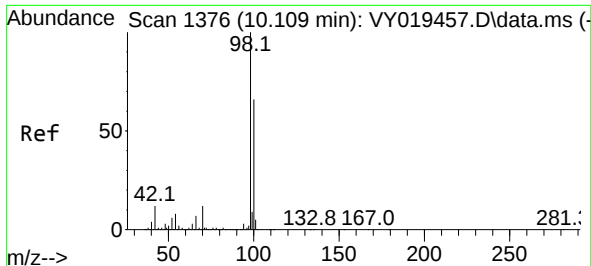
Ion Ratio Lower Upper

113 100

111 102.8 82.2 123.4

192 17.8 15.9 23.9

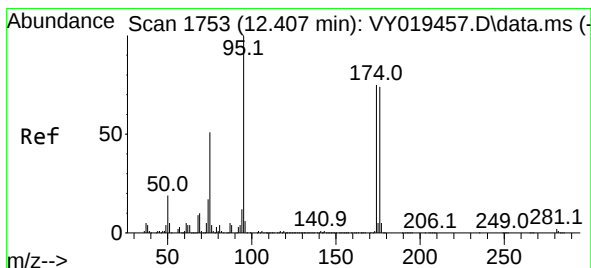
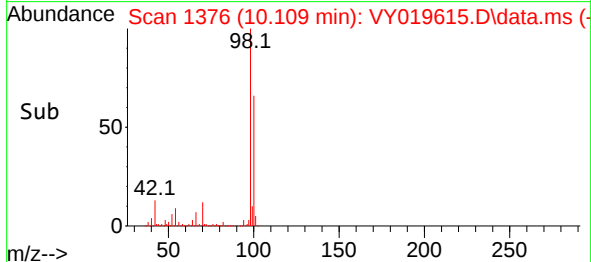
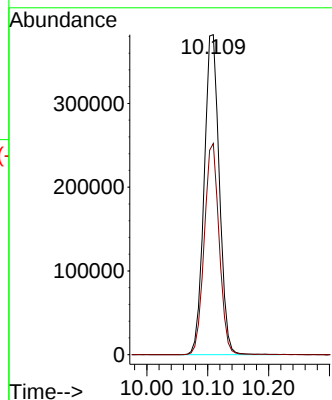
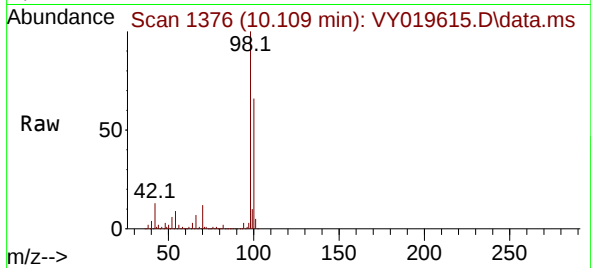




#50
Toluene-d8
Concen: 55.724 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY019615.D
Acq: 18 Sep 2024 18:51

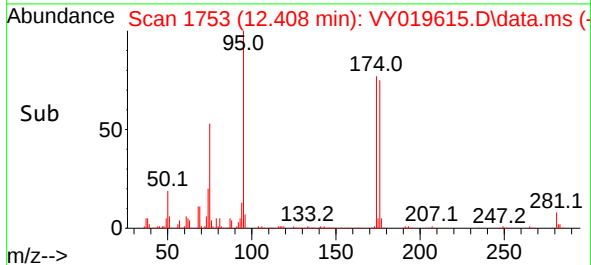
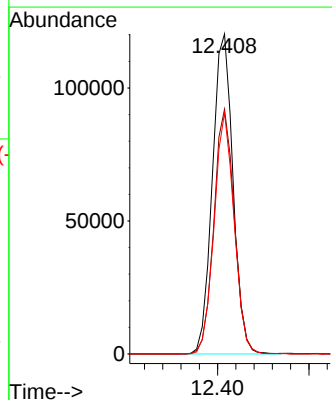
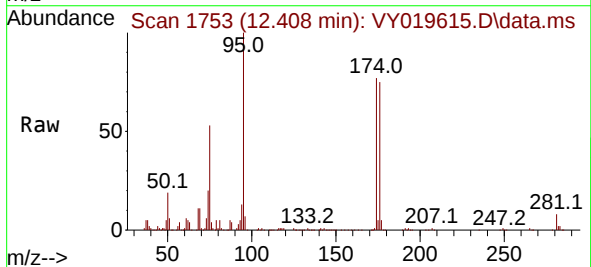
Instrument :
MSVOA_Y
ClientSampleId :
NB-614-VOC-06

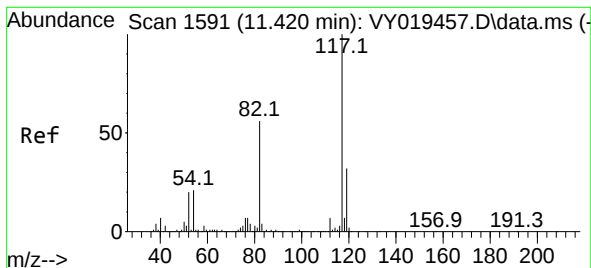
Tgt Ion: 98 Resp: 662246
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 41.126 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019615.D
Acq: 18 Sep 2024 18:51

Tgt Ion: 95 Resp: 187928
Ion Ratio Lower Upper
95 100
174 76.2 0.0 175.6
176 73.3 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019615.D

Acq: 18 Sep 2024 18:51

Instrument :

MSVOA_Y

ClientSampleId :

NB-614-VOC-06

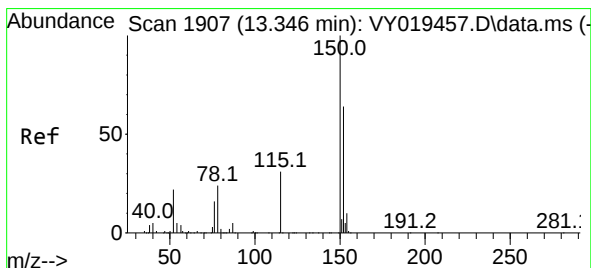
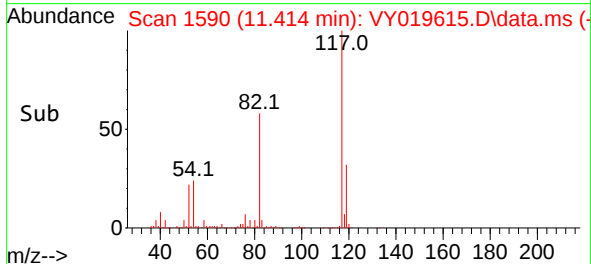
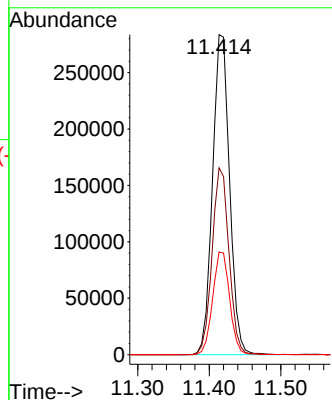
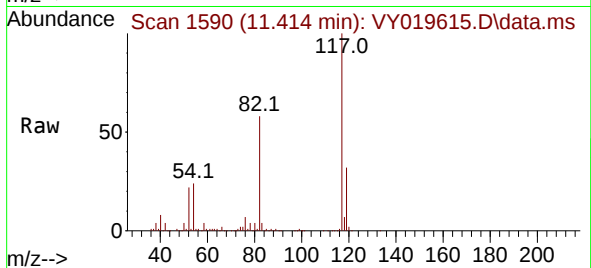
Tgt Ion:117 Resp: 469667

Ion Ratio Lower Upper

117 100

82 58.4 42.4 63.6

119 32.1 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: VY019615.D

Acq: 18 Sep 2024 18:51

Tgt Ion:152 Resp: 145152

Ion Ratio Lower Upper

152 100

115 61.1 28.2 84.7

150 157.0 0.0 345.6

