

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091324\
 Data File : VY019553.D
 Acq On : 13 Sep 2024 20:39
 Operator : SY/MD
 Sample : P3989-06
 Misc : 4.50g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-3-VOC

Quant Time: Sep 13 23:38:42 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)

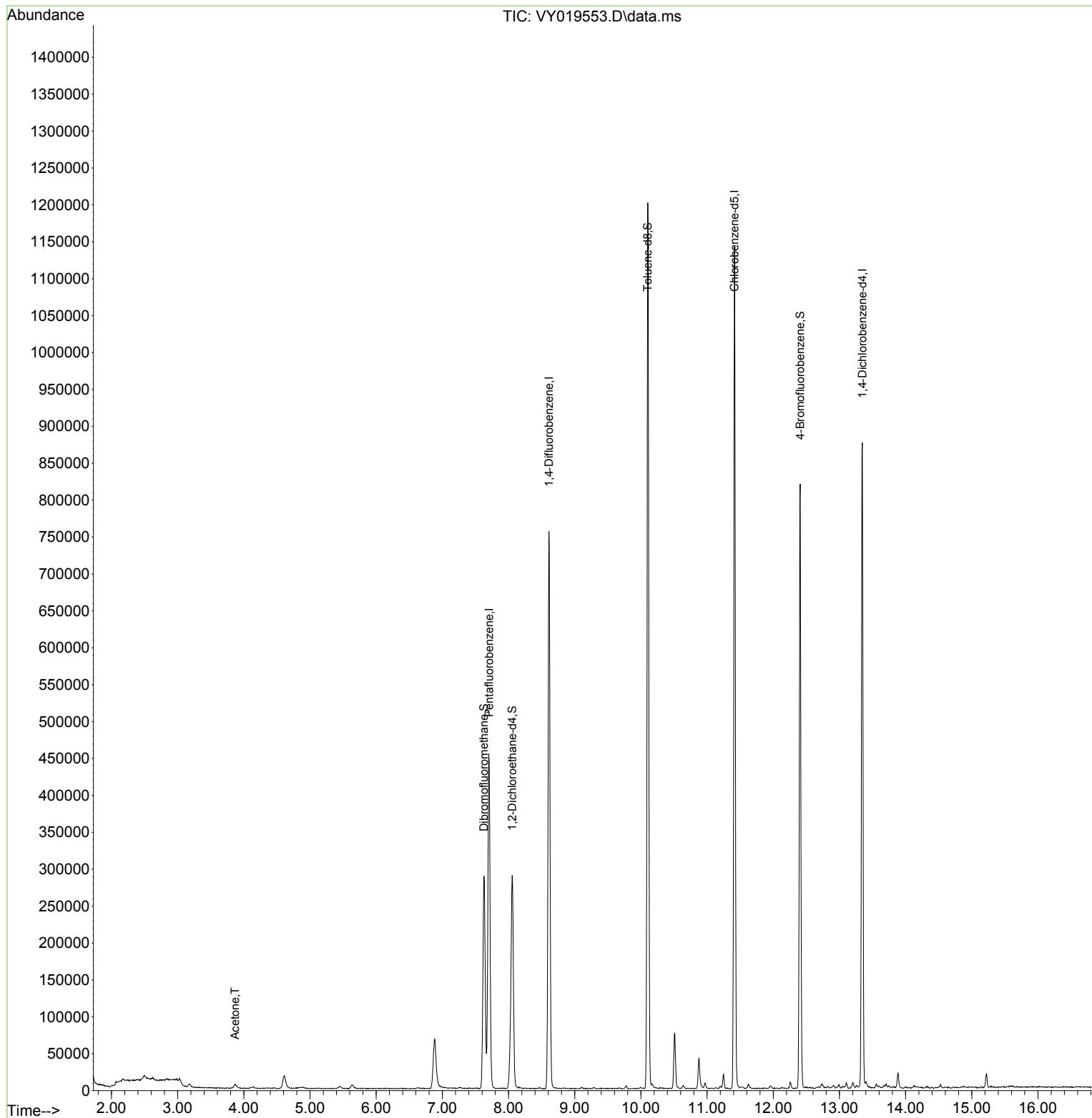
Internal Standards						
1) Pentafluorobenzene	7.707	168	332739	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.609	114	642753	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	574726	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	215981	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	202981	65.880	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.760%
35) Dibromofluoromethane	7.628	113	205208	56.309	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.620%
50) Toluene-d8	10.103	98	769551	57.091	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	114.180%
62) 4-Bromofluorobenzene	12.407	95	255666	49.328	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	98.660%
Target Compounds						
16) Acetone	3.866	43	9099	12.396	ug/l	Qvalue 87

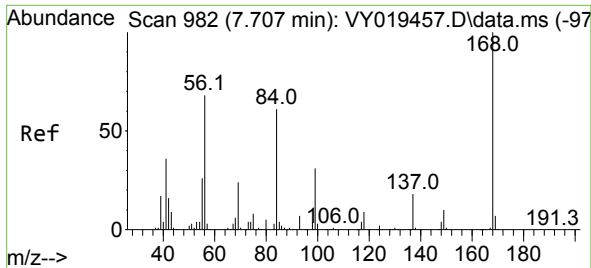
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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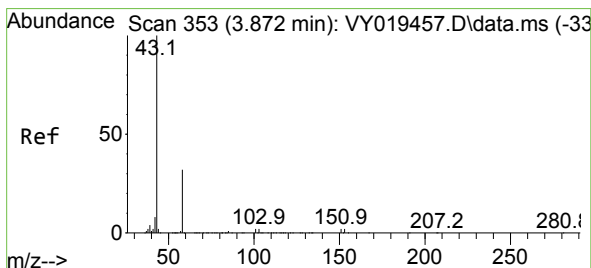
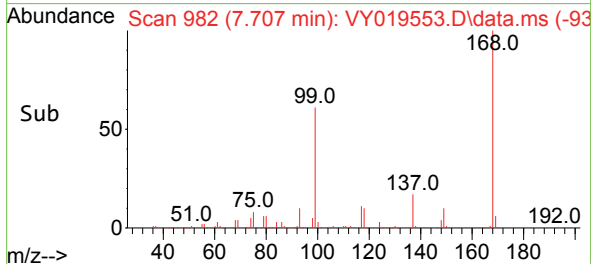
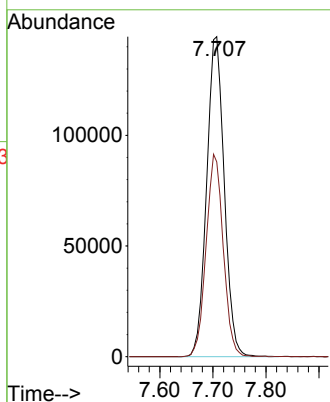
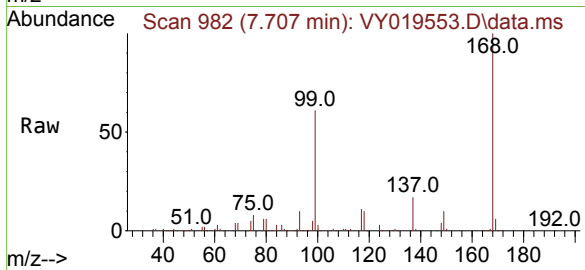




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019553.D
Acq: 13 Sep 2024 20:39

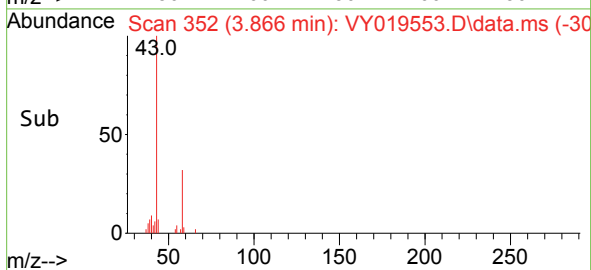
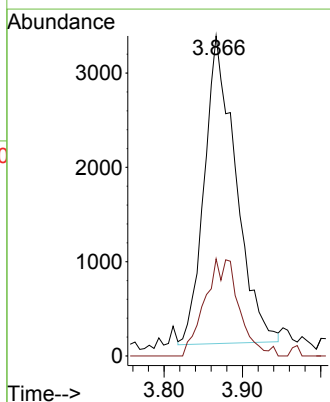
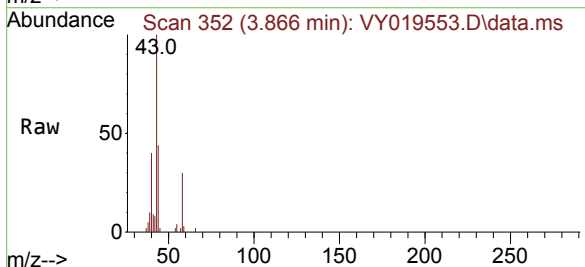
Instrument :
MSVOA_Y
ClientSampleId :
TP-3-VOC

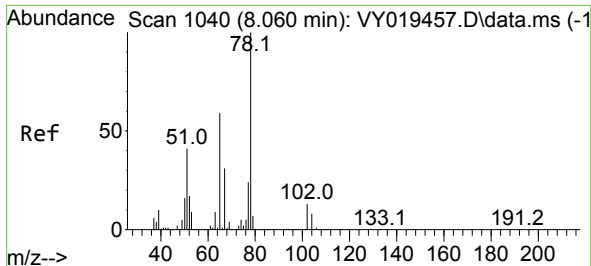
Tgt Ion:168 Resp: 332739
Ion Ratio Lower Upper
168 100
99 60.9 39.1 58.7#



#16
Acetone
Concen: 12.396 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY019553.D
Acq: 13 Sep 2024 20:39

Tgt Ion: 43 Resp: 9099
Ion Ratio Lower Upper
43 100
58 31.8 31.7 47.5

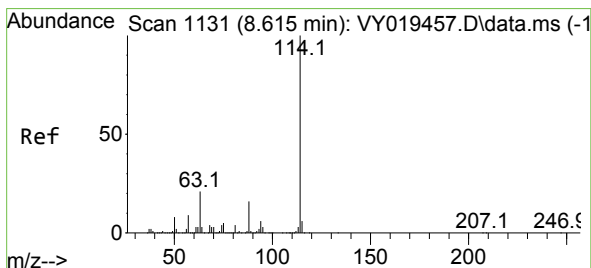
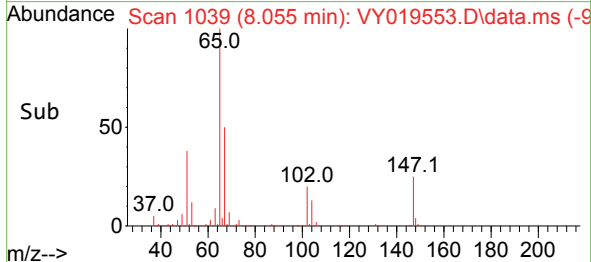
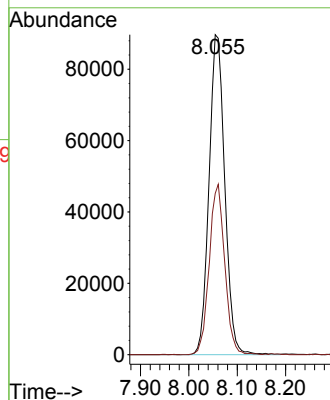
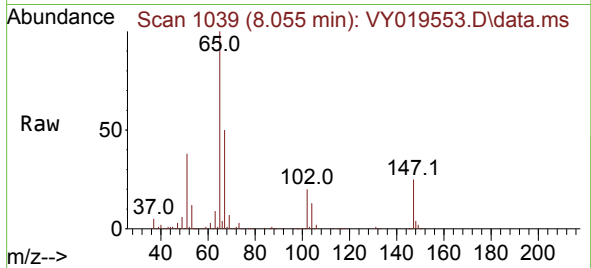




#33
1,2-Dichloroethane-d4
Concen: 65.880 ug/l
RT: 8.055 min Scan# 110
Delta R.T. -0.006 min
Lab File: VY019553.D
Acq: 13 Sep 2024 20:39

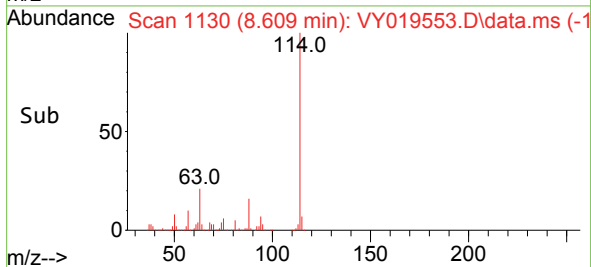
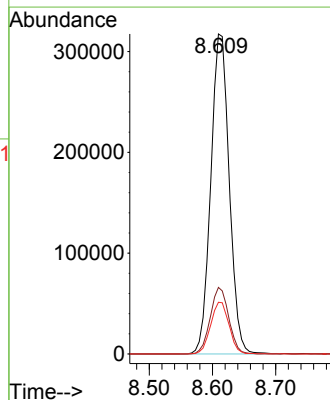
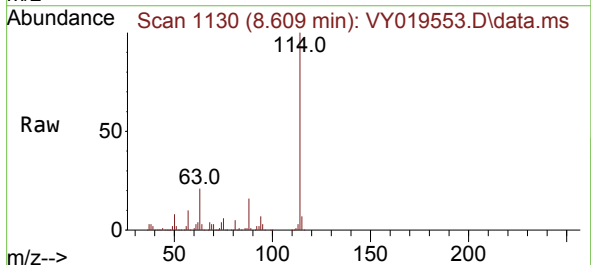
Instrument :
MSVOA_Y
ClientSampleId :
TP-3-VOC

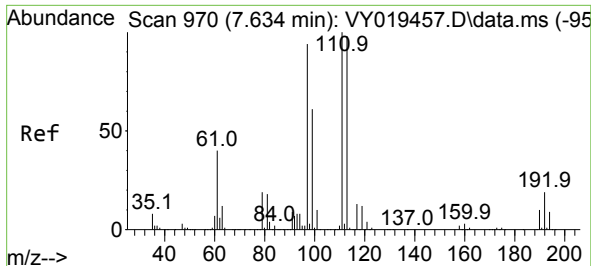
Tgt Ion: 65 Resp: 202981
Ion Ratio Lower Upper
65 100
67 52.5 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.609 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VY019553.D
Acq: 13 Sep 2024 20:39

Tgt Ion: 114 Resp: 642753
Ion Ratio Lower Upper
114 100
63 20.8 0.0 35.0
88 16.1 0.0 27.2

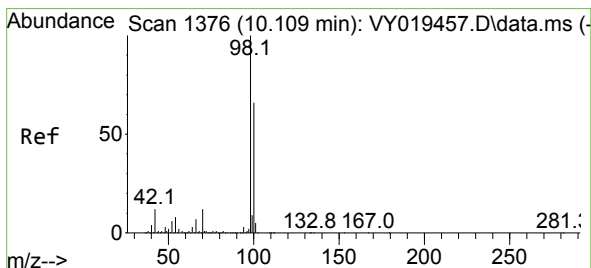
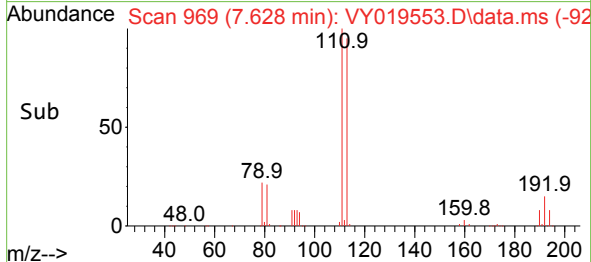
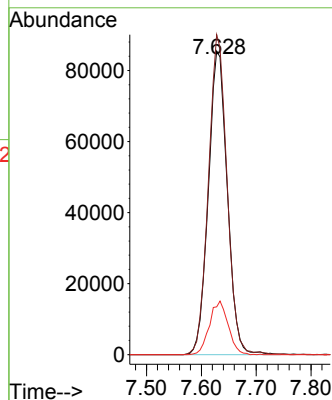
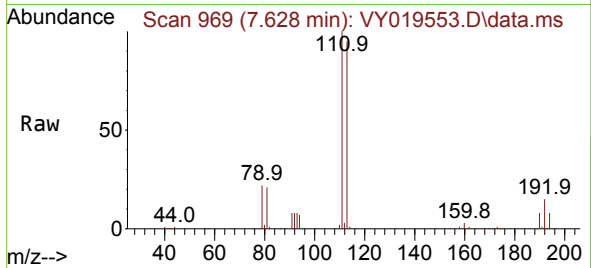




#35
Dibromofluoromethane
Concen: 56.309 ug/l
RT: 7.628 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY019553.D
Acq: 13 Sep 2024 20:39

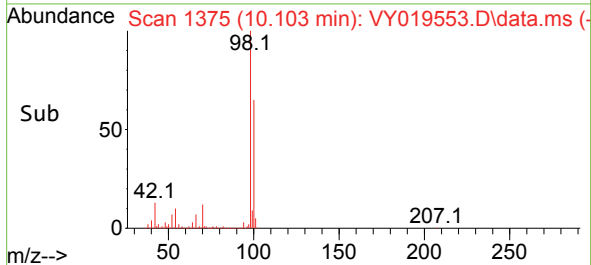
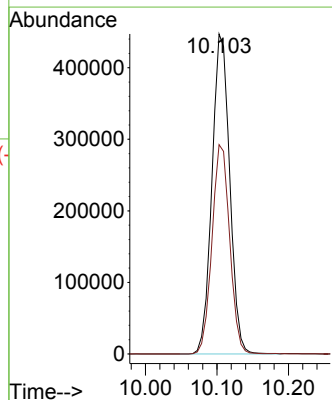
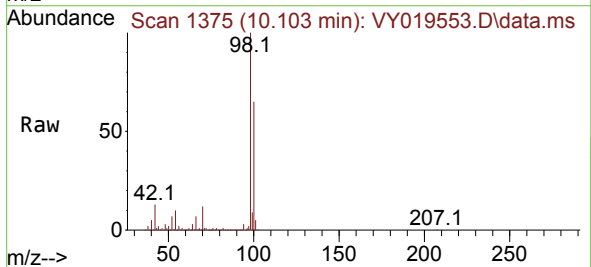
Instrument :
MSVOA_Y
ClientSampleId :
TP-3-VOC

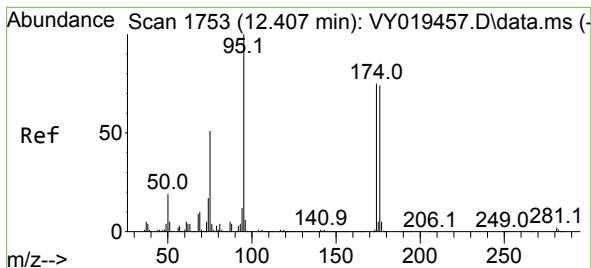
Tgt Ion:113 Resp: 205208
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.4
192 17.4 15.9 23.9



#50
Toluene-d8
Concen: 57.091 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY019553.D
Acq: 13 Sep 2024 20:39

Tgt Ion: 98 Resp: 769551
Ion Ratio Lower Upper
98 100
100 65.3 52.0 78.0

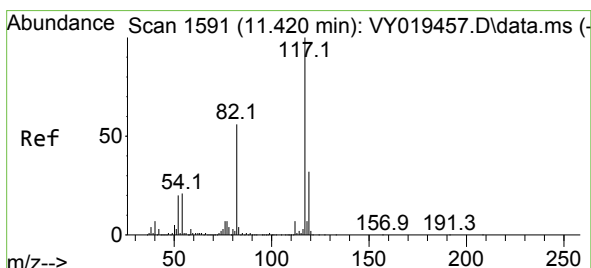
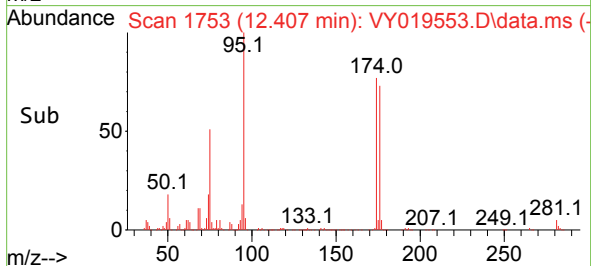
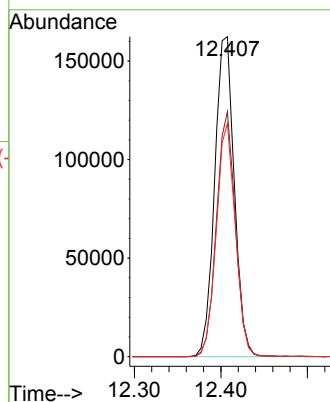
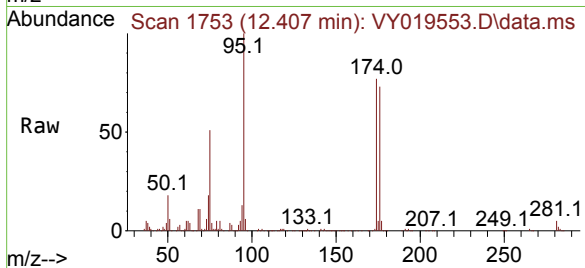




#62
4-Bromofluorobenzene
Concen: 49.328 ug/l
RT: 12.407 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019553.D
Acq: 13 Sep 2024 20:39

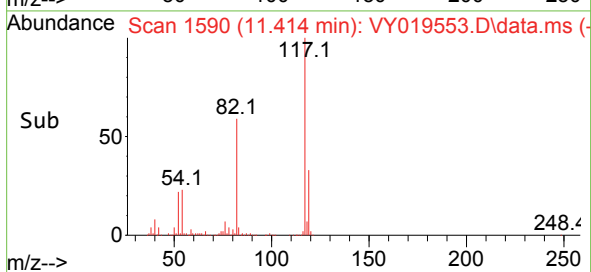
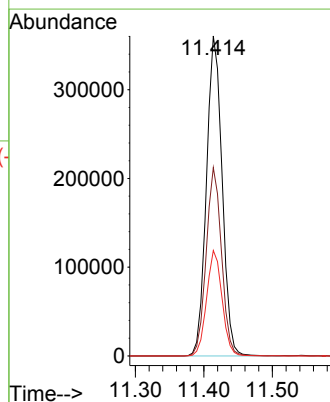
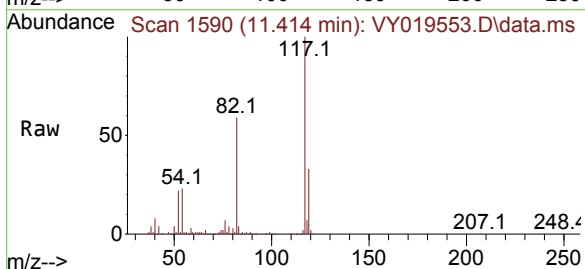
Instrument :
MSVOA_Y
ClientSampleId :
TP-3-VOC

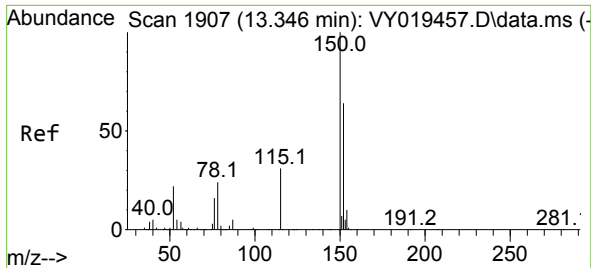
Tgt Ion: 95 Resp: 255666
Ion Ratio Lower Upper
95 100
174 73.8 0.0 175.6
176 70.8 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019553.D
Acq: 13 Sep 2024 20:39

Tgt Ion: 117 Resp: 574726
Ion Ratio Lower Upper
117 100
82 58.8 42.4 63.6
119 33.0 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: VY019553.D

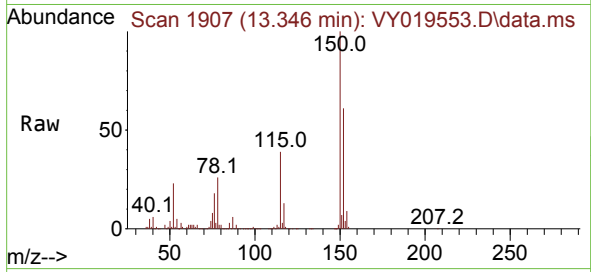
Acq: 13 Sep 2024 20:39

Instrument :

MSVOA_Y

ClientSampleId :

TP-3-VOC



Tgt Ion:152 Resp: 215981

Ion Ratio Lower Upper

152 100

115 62.4 28.2 84.7

150 157.8 0.0 345.6

