

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091324\
 Data File : VY019539.D
 Acq On : 13 Sep 2024 15:12
 Operator : SY/MD
 Sample : P3856-02
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC

Quant Time: Sep 13 23:32:49 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)

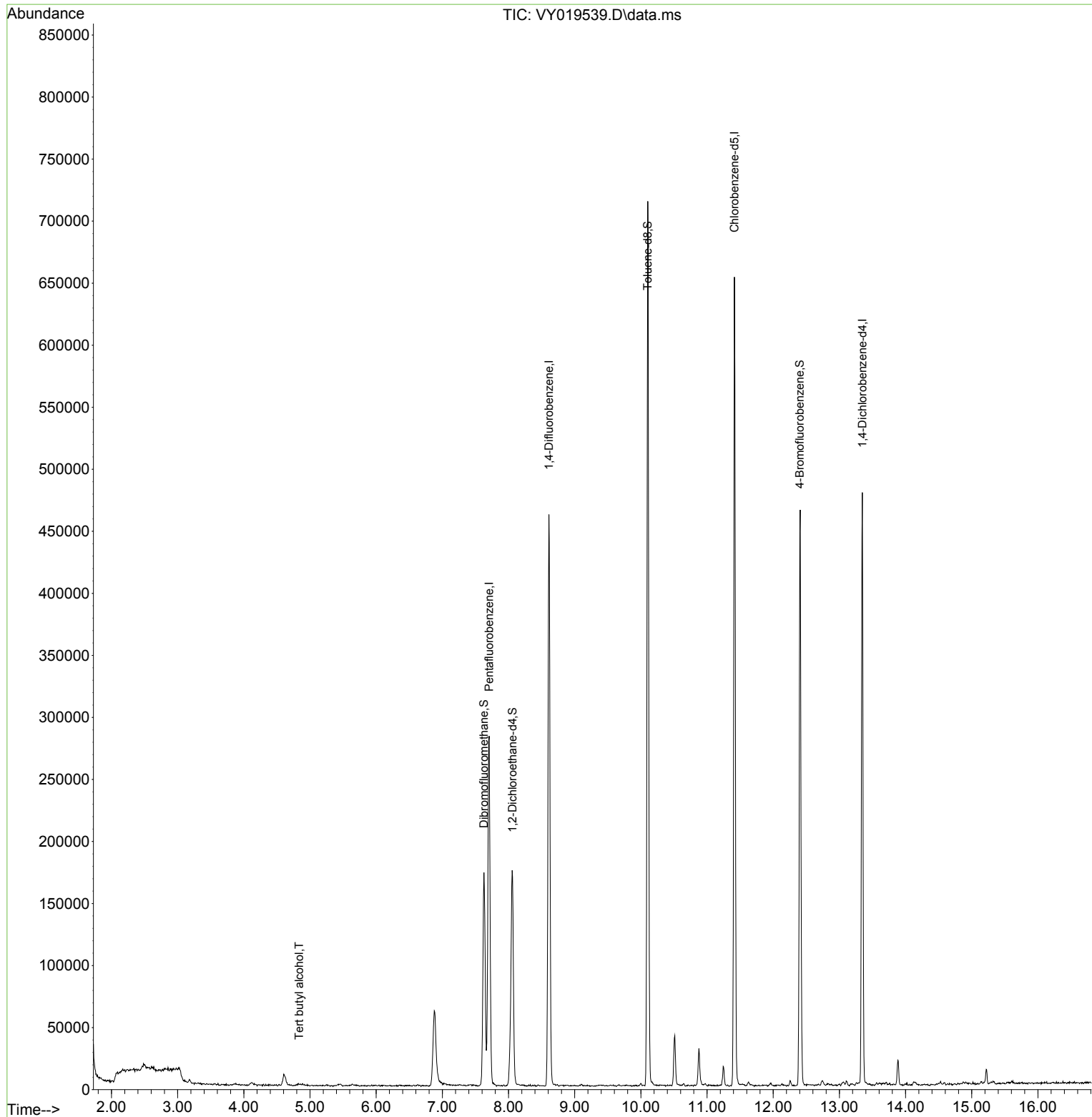
Internal Standards						
1) Pentafluorobenzene	7.707	168	211112	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.610	114	391808	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	332493	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	118412	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	124073	63.469	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.940%	
35) Dibromofluoromethane	7.628	113	124107	55.867	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.740%	
50) Toluene-d8	10.103	98	459302	55.898	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.800%	
62) 4-Bromofluorobenzene	12.402	95	142893	45.228	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 90.460%	
Target Compounds						
11) Tert butyl alcohol	4.836	59	2637	16.704	ug/l	# 97

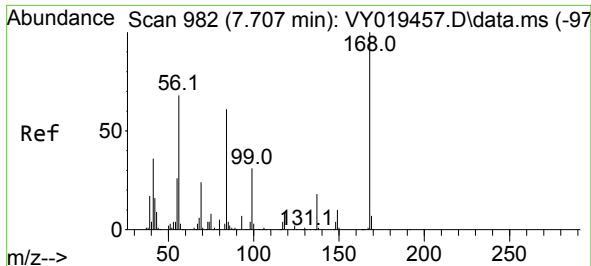
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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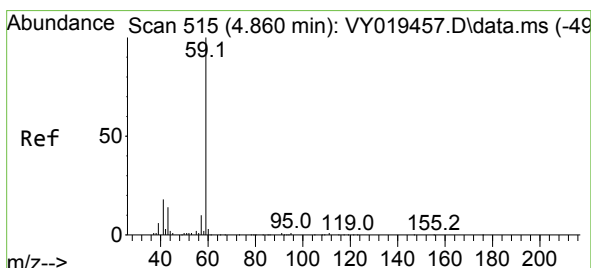
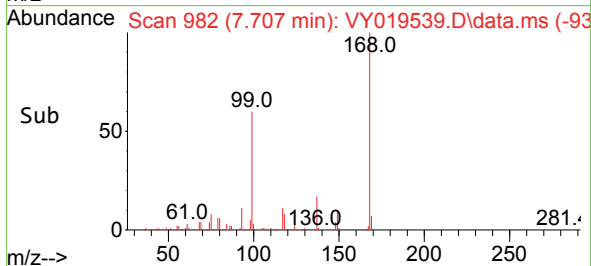
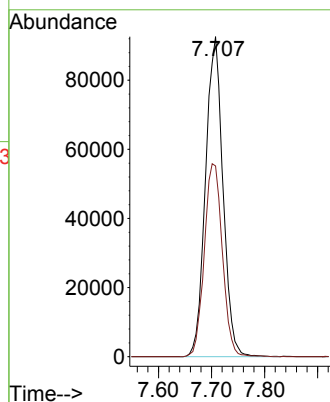
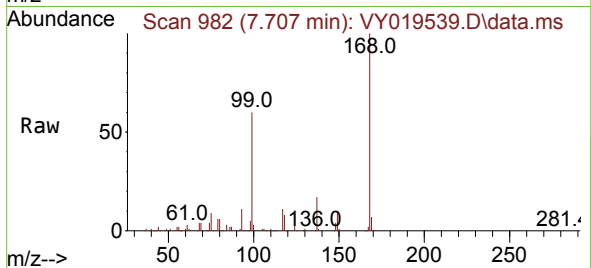




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019539.D
Acq: 13 Sep 2024 15:12

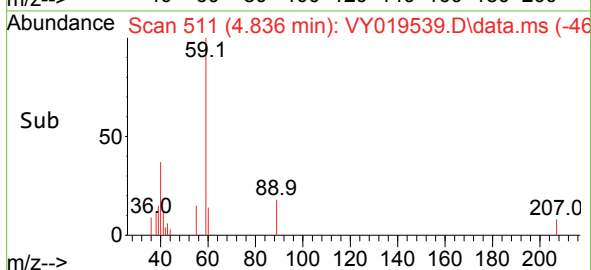
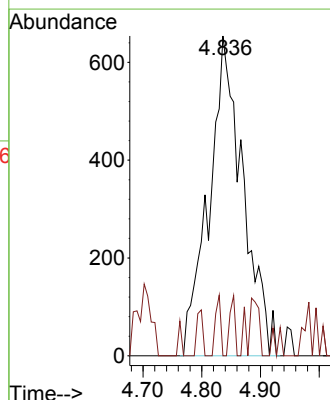
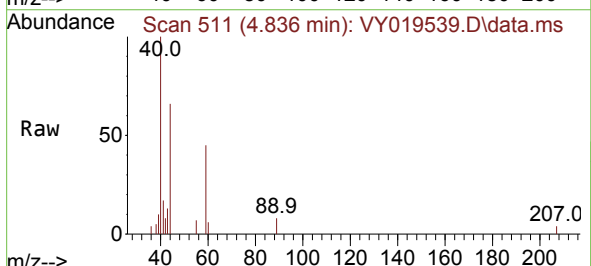
Instrument :
MSVOA_Y
ClientSampleId :
VOC

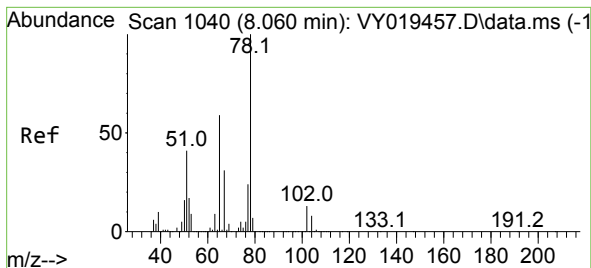
Tgt Ion:168 Resp: 211112
Ion Ratio Lower Upper
168 100
99 59.6 39.1 58.7#



#11
Tert butyl alcohol
Concen: 16.704 ug/l
RT: 4.836 min Scan# 511
Delta R.T. -0.024 min
Lab File: VY019539.D
Acq: 13 Sep 2024 15:12

Tgt Ion: 59 Resp: 2637
Ion Ratio Lower Upper
59 100
57 2.9 3.0 4.6#





#33

1,2-Dichloroethane-d4

Concen: 63.469 ug/l

RT: 8.061 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY019539.D

Acq: 13 Sep 2024 15:12

Instrument :

MSVOA_Y

ClientSampleId :

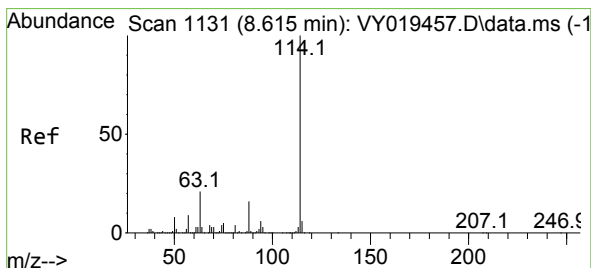
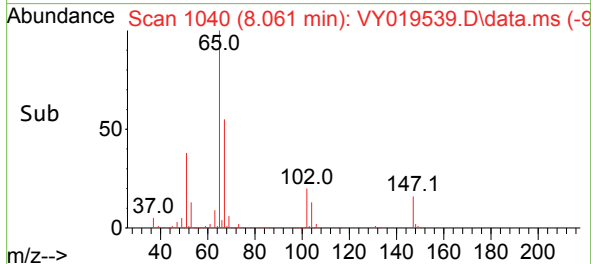
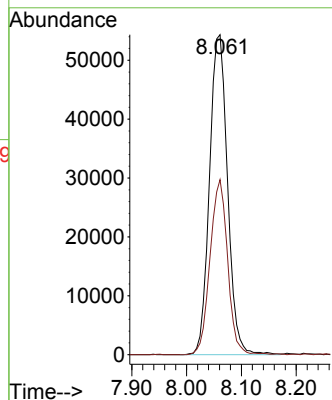
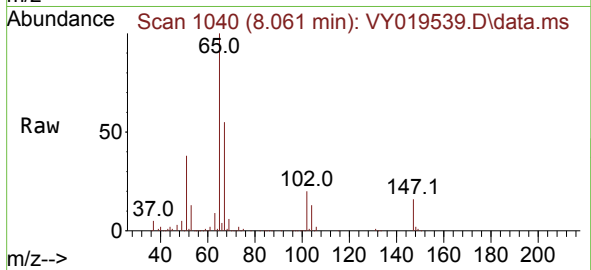
VOC

Tgt Ion: 65 Resp: 124073

Ion Ratio Lower Upper

65 100

67 53.3 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: VY019539.D

Acq: 13 Sep 2024 15:12

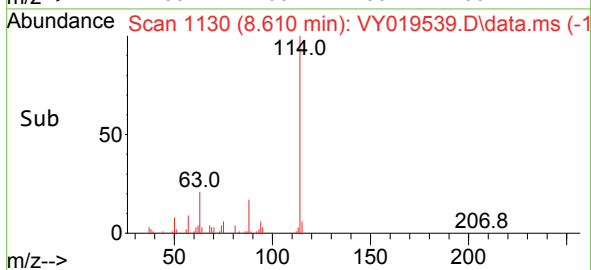
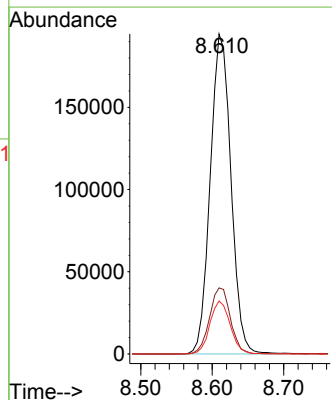
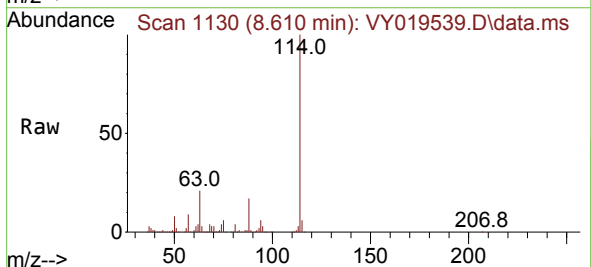
Tgt Ion: 114 Resp: 391808

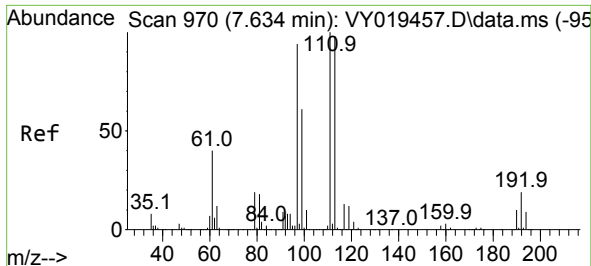
Ion Ratio Lower Upper

114 100

63 20.7 0.0 35.0

88 16.6 0.0 27.2

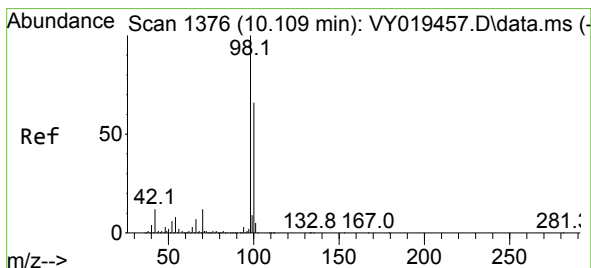
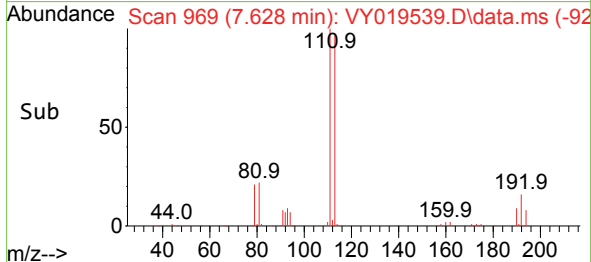
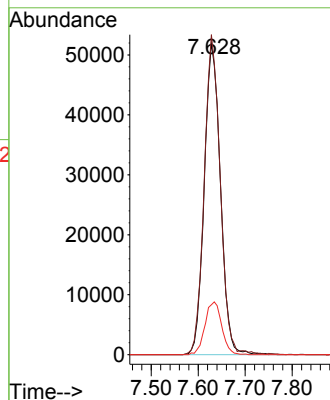
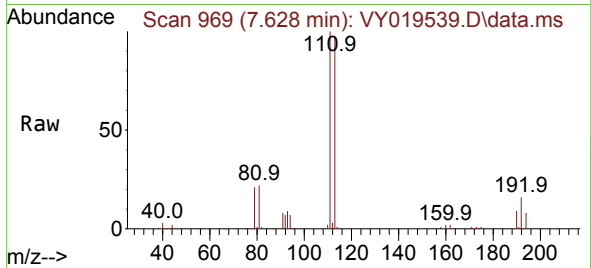




#35
Dibromofluoromethane
Concen: 55.867 ug/l
RT: 7.628 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019539.D
Acq: 13 Sep 2024 15:12

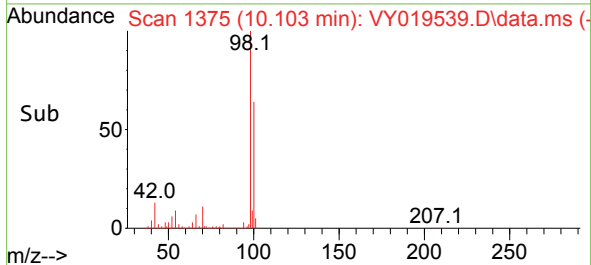
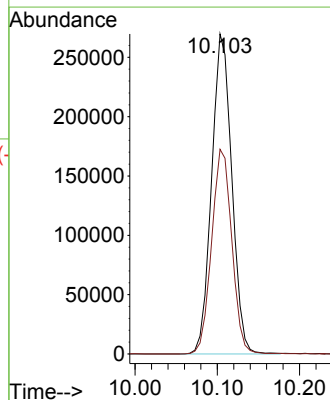
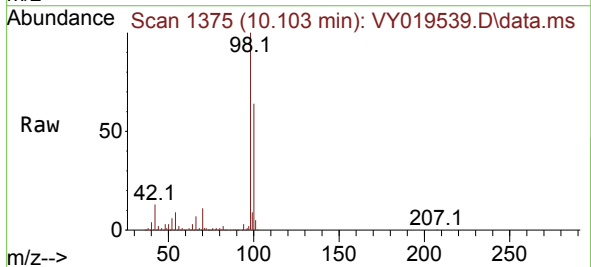
Instrument :
MSVOA_Y
ClientSampleId :
VOC

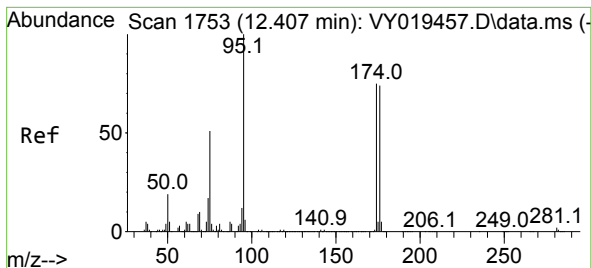
Tgt Ion:113 Resp: 124107
Ion Ratio Lower Upper
113 100
111 101.8 82.2 123.4
192 17.6 15.9 23.9



#50
Toluene-d8
Concen: 55.898 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY019539.D
Acq: 13 Sep 2024 15:12

Tgt Ion: 98 Resp: 459302
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0

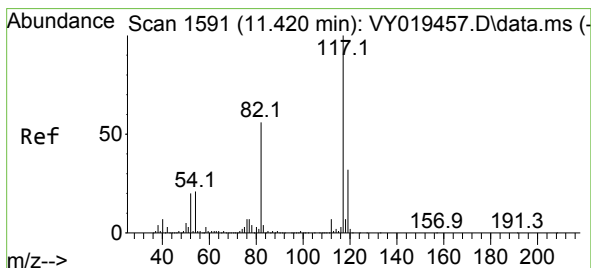
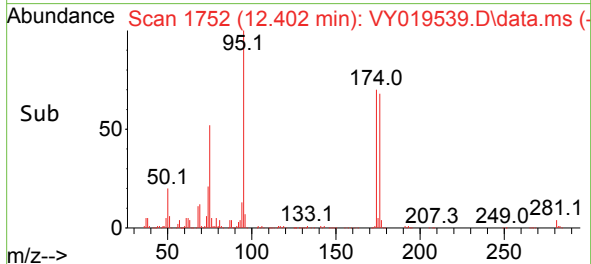
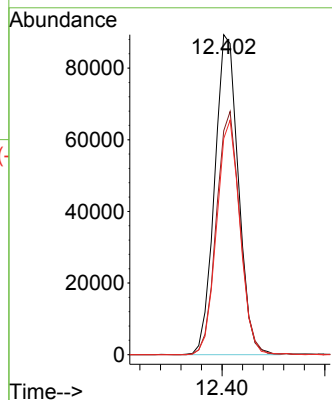
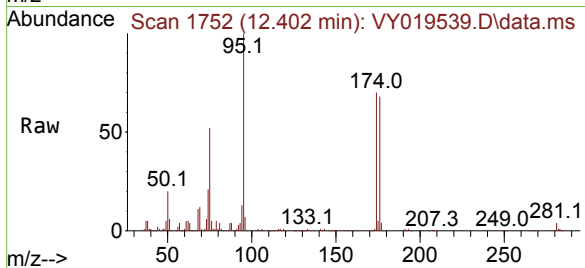




#62
4-Bromofluorobenzene
Concen: 45.228 ug/l
RT: 12.402 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY019539.D
Acq: 13 Sep 2024 15:12

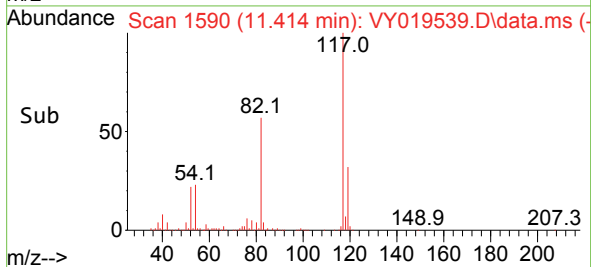
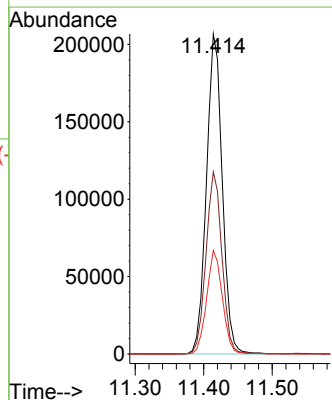
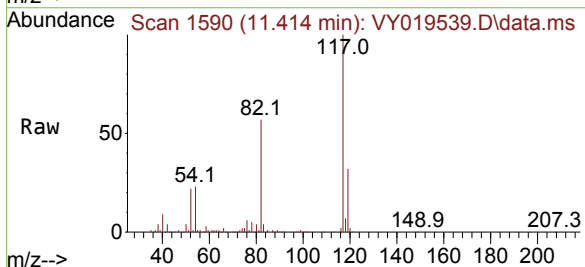
Instrument :
MSVOA_Y
ClientSampleId :
VOC

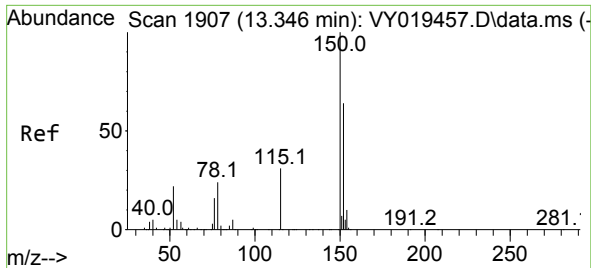
Tgt Ion: 95 Resp: 142893
Ion Ratio Lower Upper
95 100
174 75.6 0.0 175.6
176 72.2 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019539.D
Acq: 13 Sep 2024 15:12

Tgt Ion: 117 Resp: 332493
Ion Ratio Lower Upper
117 100
82 56.9 42.4 63.6
119 32.4 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: VY019539.D
 Acq: 13 Sep 2024 15:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC

Tgt Ion:152 Resp: 118412
 Ion Ratio Lower Upper
 152 100
 115 61.4 28.2 84.7
 150 155.6 0.0 345.6

