

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110624\
 Data File : VY020182.D
 Acq On : 06 Nov 2024 15:29
 Operator : SY/MD
 Sample : P4667-11
 Misc : 5.24g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-F-10-VOC

Quant Time: Nov 07 00:27:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

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

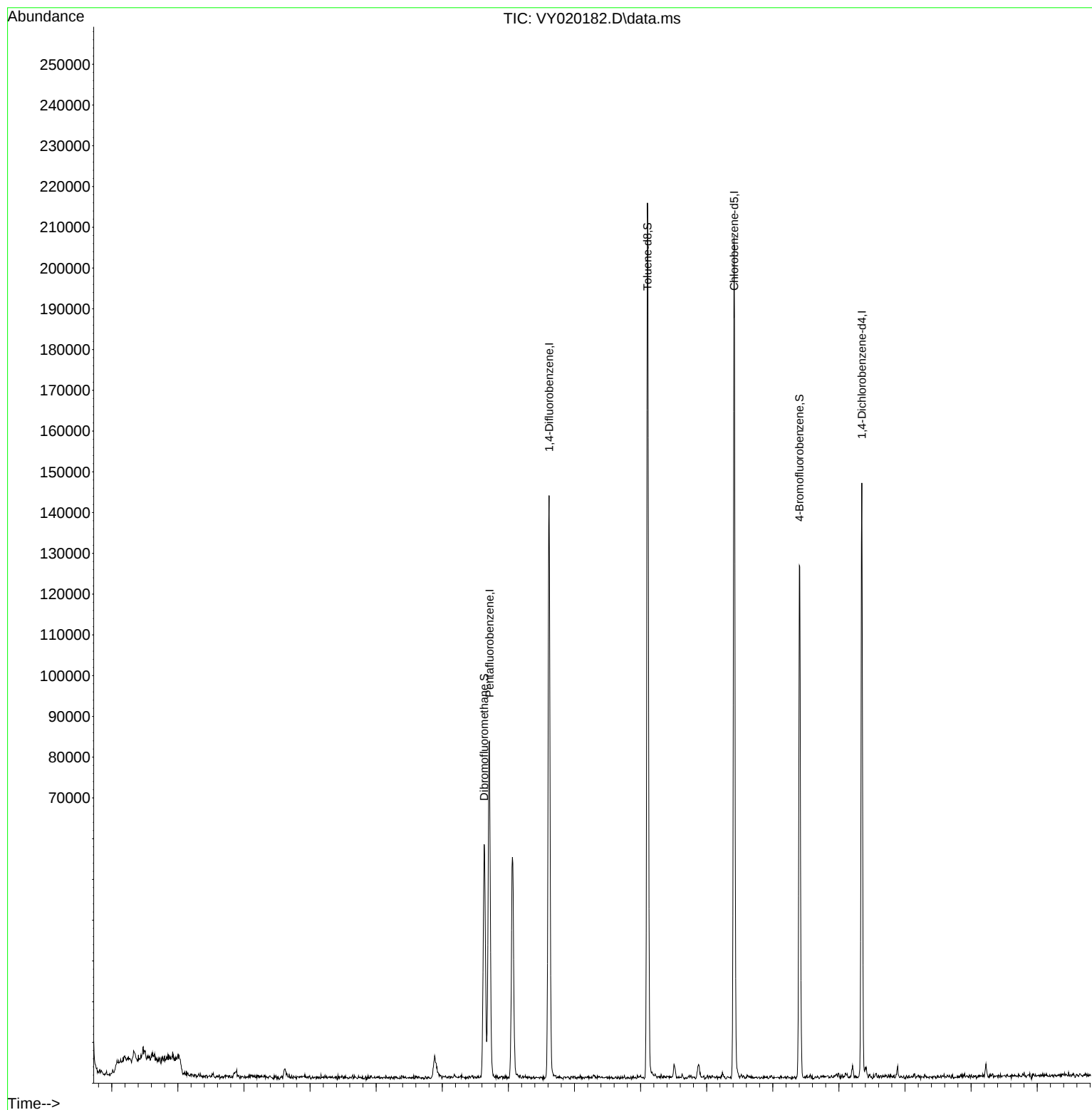
Internal Standards						
1) Pentafluorobenzene	7.713	168	55750	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	113487	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	100096	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	33107	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	42696	61.363	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.720%	
35) Dibromofluoromethane	7.634	113	40760	56.490	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.980%	
50) Toluene-d8	10.103	98	135416	47.149	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 94.300%	
62) 4-Bromofluorobenzene	12.402	95	37807	40.527	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 81.060%	
Target Compounds						
16) Acetone	3.873	43	2387	14.752	ug/l	Qvalue 91

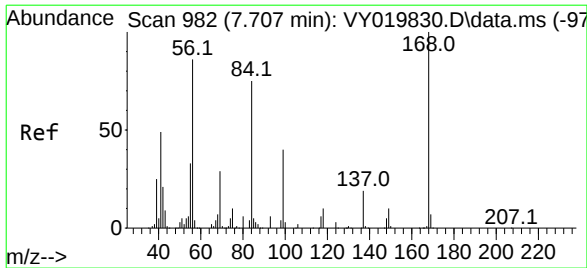
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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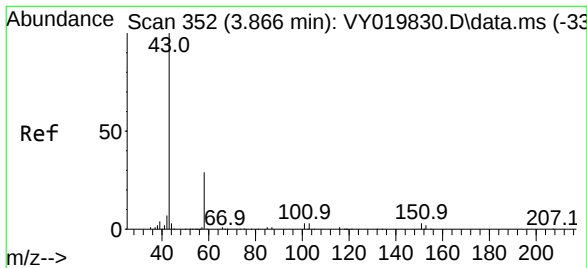
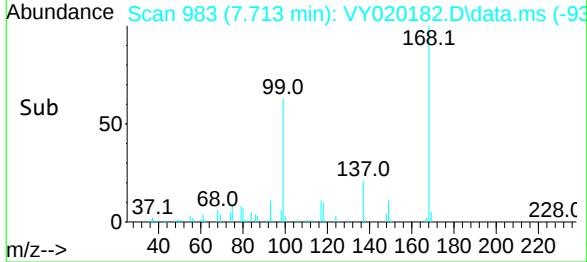
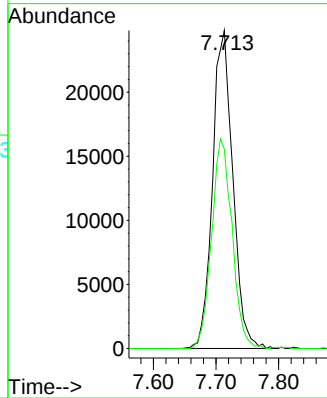
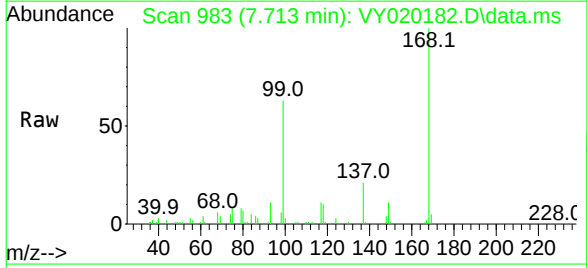




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY020182.D
Acq: 06 Nov 2024 15:29

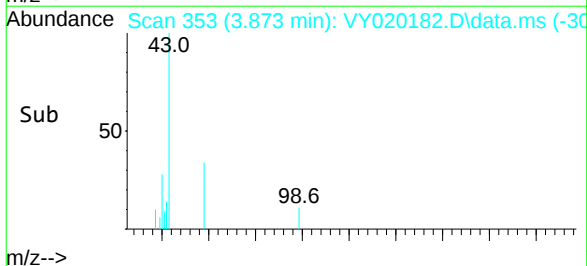
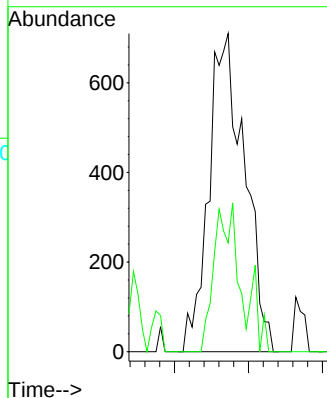
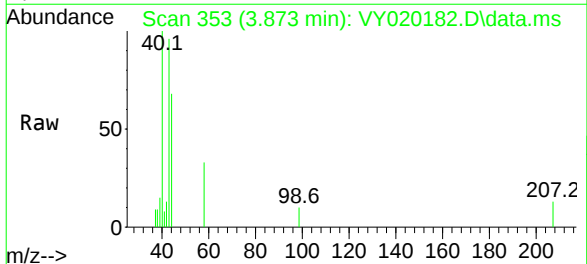
Instrument :
MSVOA_Y
ClientSampleId :
BP-F-10-VOC

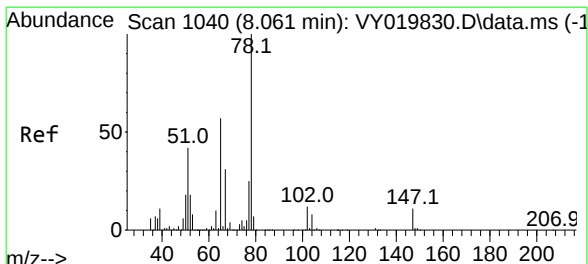
Tgt Ion:168 Resp: 55750
Ion Ratio Lower Upper
168 100
99 62.7 39.1 58.7#



#16
Acetone
Concen: 14.752 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY020182.D
Acq: 06 Nov 2024 15:29

Tgt Ion: 43 Resp: 2387
Ion Ratio Lower Upper
43 100
58 34.2 31.7 47.5

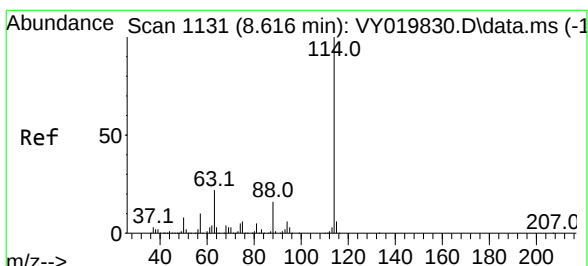
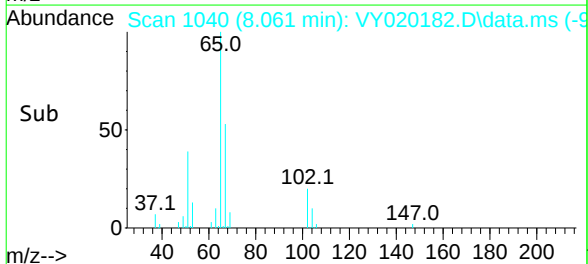
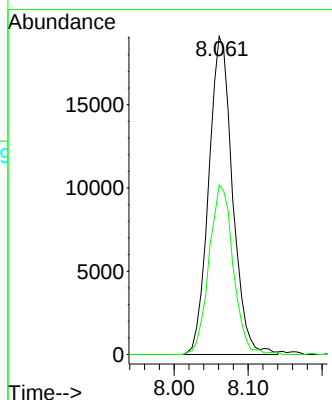
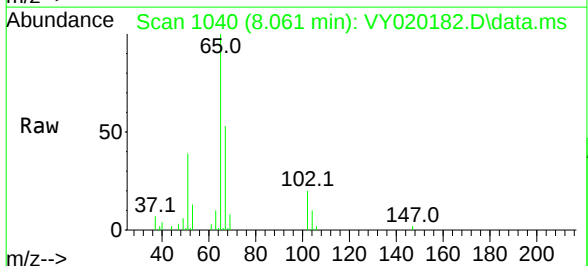




#33
 1,2-Dichloroethane-d4
 Concen: 61.363 ug/l
 RT: 8.061 min Scan# 1040
 Delta R.T. 0.000 min
 Lab File: VY020182.D
 Acq: 06 Nov 2024 15:29

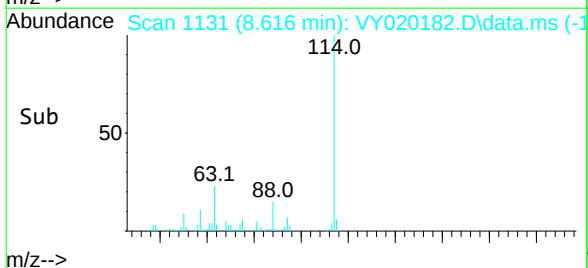
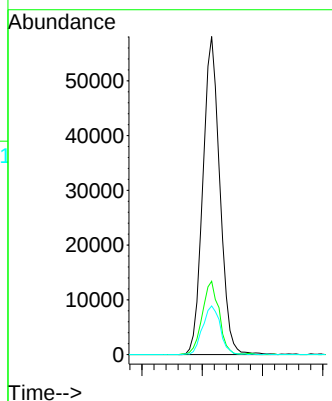
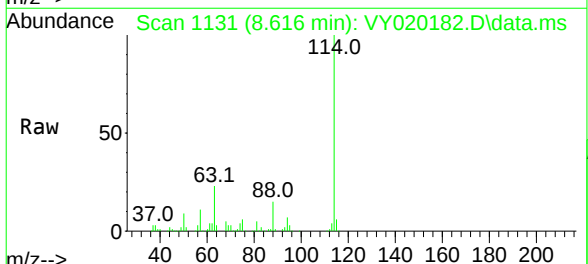
Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-F-10-VOC

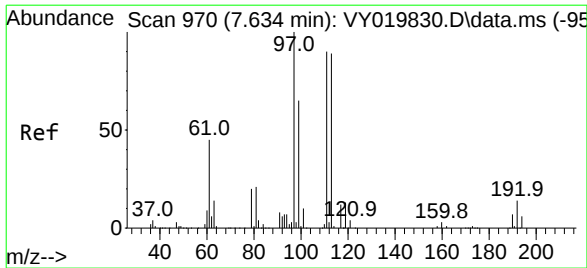
Tgt Ion: 65 Resp: 42696
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY020182.D
 Acq: 06 Nov 2024 15:29

Tgt Ion: 114 Resp: 113487
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 35.0
 88 15.3 0.0 27.2

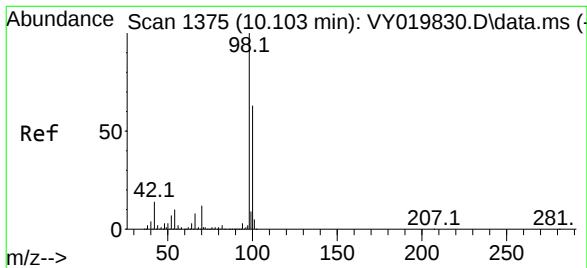
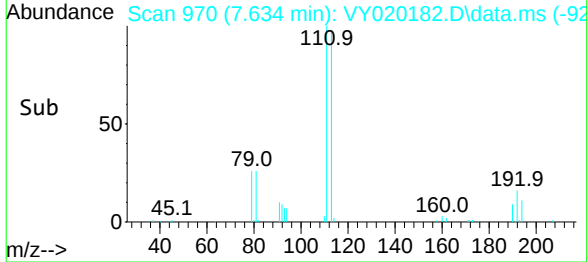
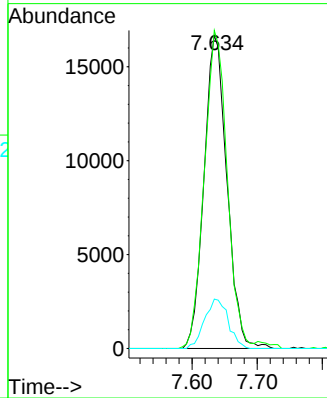
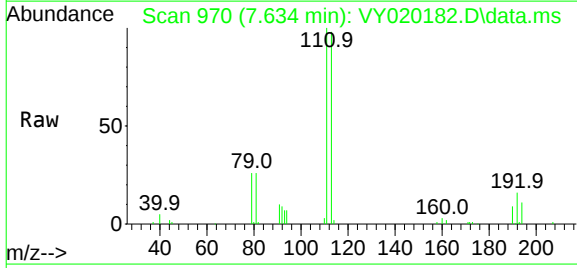




#35
Dibromofluoromethane
Concen: 56.490 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY020182.D
Acq: 06 Nov 2024 15:29

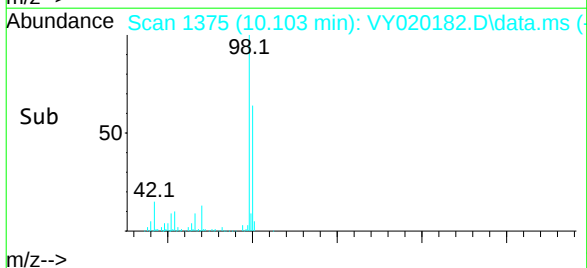
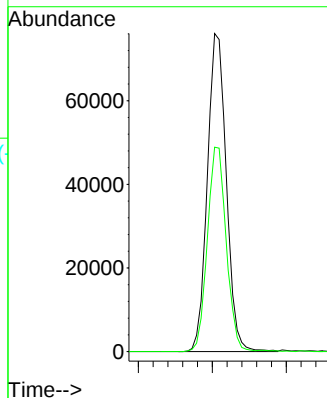
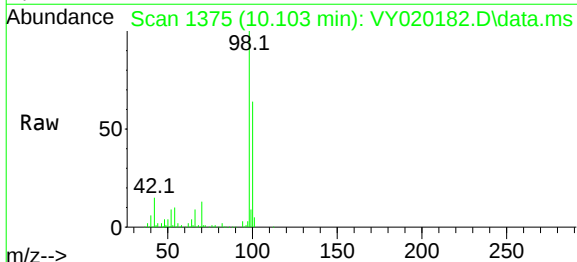
Instrument :
MSVOA_Y
ClientSampleId :
BP-F-10-VOC

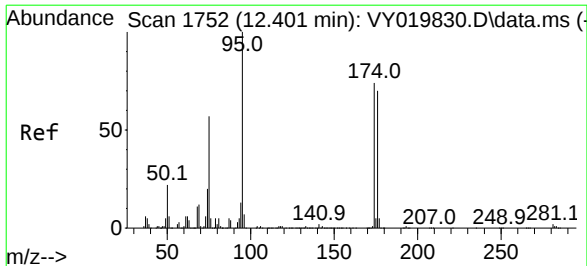
Tgt Ion:113 Resp: 40760
Ion Ratio Lower Upper
113 100
111 101.3 82.2 123.4
192 16.3 15.9 23.9



#50
Toluene-d8
Concen: 47.149 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY020182.D
Acq: 06 Nov 2024 15:29

Tgt Ion: 98 Resp: 135416
Ion Ratio Lower Upper
98 100
100 63.9 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 40.527 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.006 min

Lab File: VY020182.D

Acq: 06 Nov 2024 15:29

Instrument :

MSVOA_Y

ClientSampleId :

BP-F-10-VOC

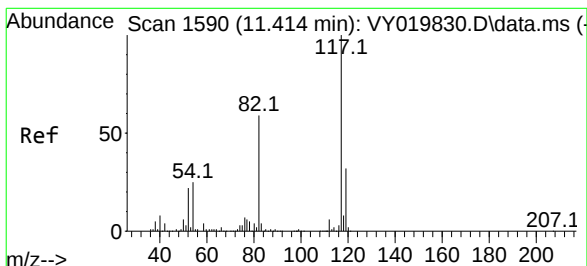
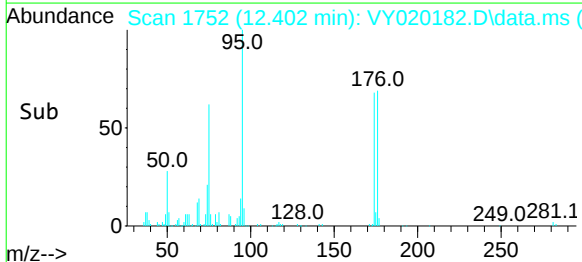
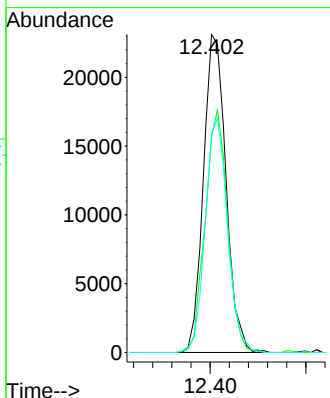
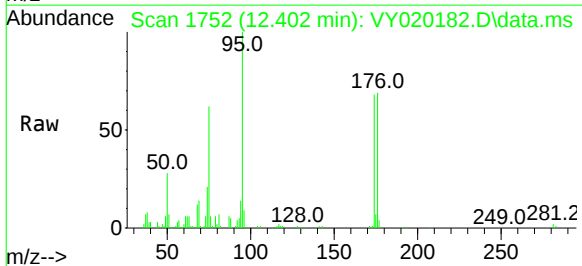
Tgt Ion: 95 Resp: 37807

Ion Ratio Lower Upper

95 100

174 75.4 0.0 175.6

176 73.0 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: VY020182.D

Acq: 06 Nov 2024 15:29

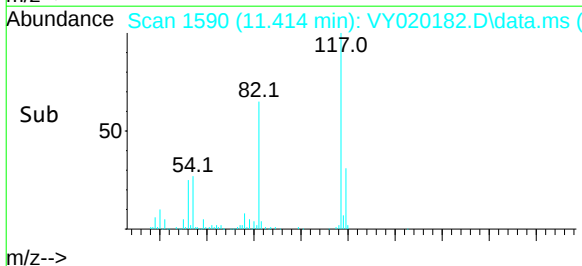
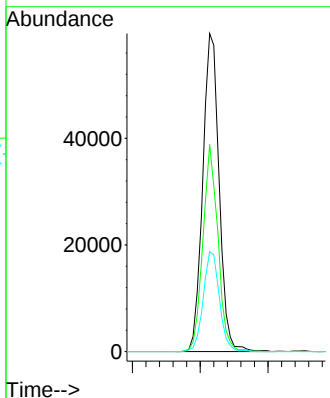
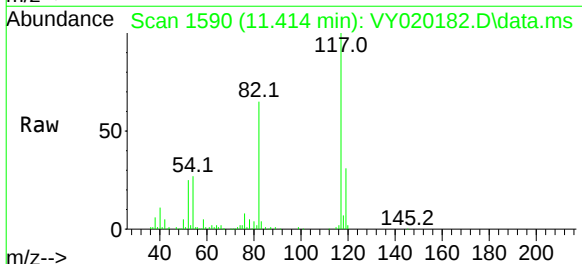
Tgt Ion: 117 Resp: 100096

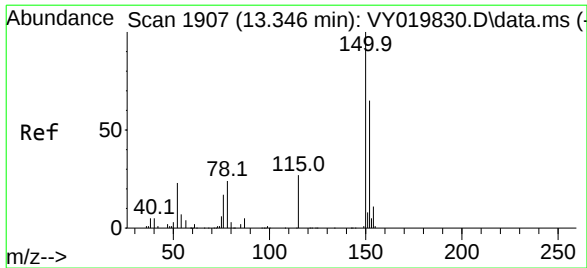
Ion Ratio Lower Upper

117 100

82 65.1 42.4 63.6

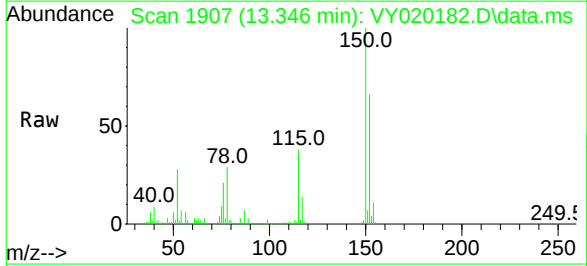
119 31.4 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 19
 Delta R.T. 0.000 min
 Lab File: VY020182.D
 Acq: 06 Nov 2024 15:29

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-F-10-VOC



Tgt Ion:	152	Resp:	33107
Ion	Ratio	Lower	Upper
152	100		
115	61.3	28.2	84.7
150	152.5	0.0	345.6

