

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053024\
 Data File : VY018408.D
 Acq On : 30 May 2024 12:41
 Operator : SY/MD
 Sample : P2637-03
 Misc : 5.91g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WCS-TPT-VOC

Quant Time: May 31 01:41:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 23 01:40:36 2024
 Response via : Initial Calibration

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

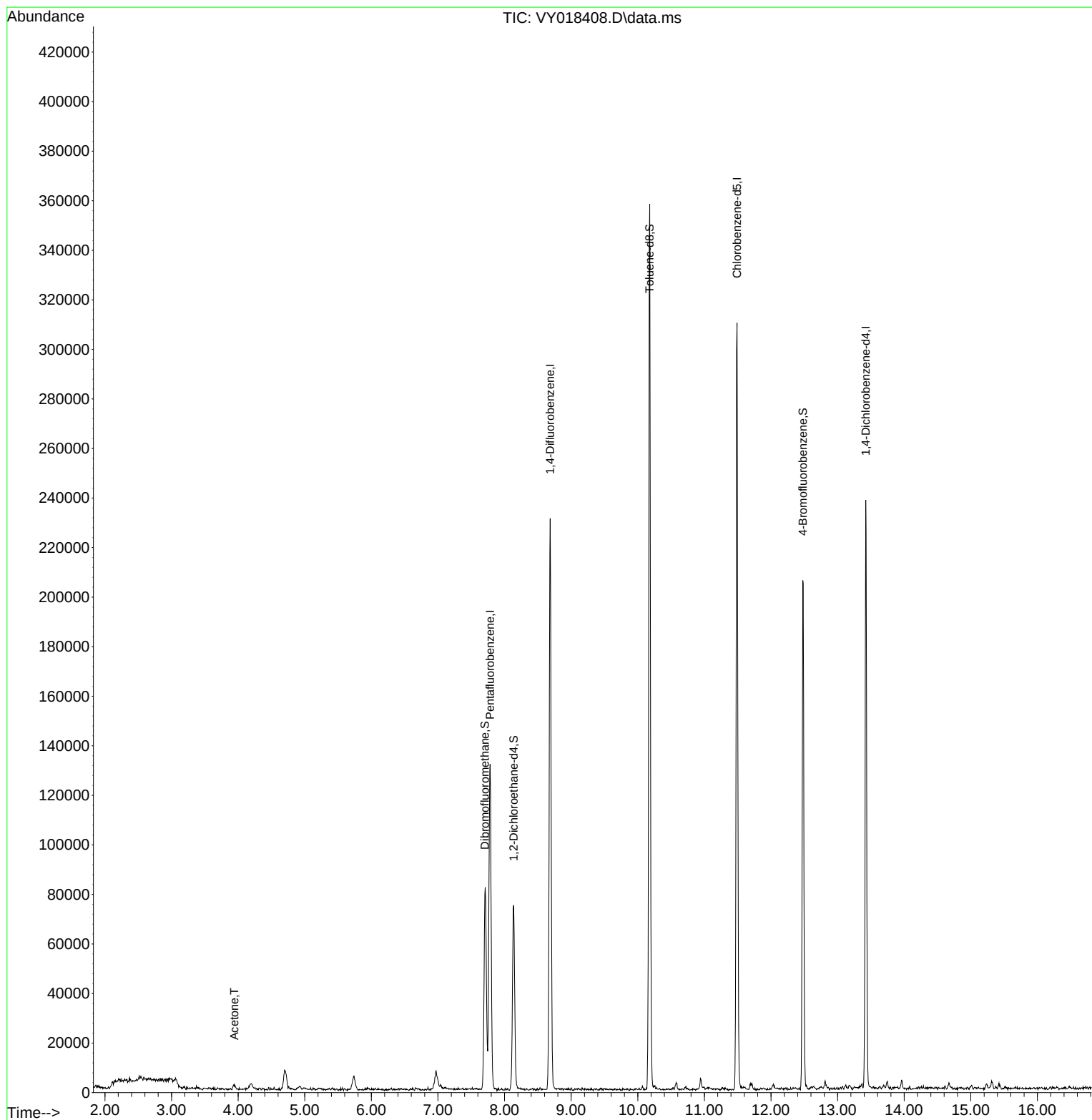
Internal Standards						
1) Pentafluorobenzene	7.783	168	97239	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	197693	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	169892	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	57363	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	55415	60.151	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.300%	
35) Dibromofluoromethane	7.704	113	59142	51.301	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.600%	
50) Toluene-d8	10.179	98	232790	51.792	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.580%	
62) 4-Bromofluorobenzene	12.477	95	64907	46.735	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 93.460%	
Target Compounds						
16) Acetone	3.942	43	2936	15.495	ug/l	Qvalue 88

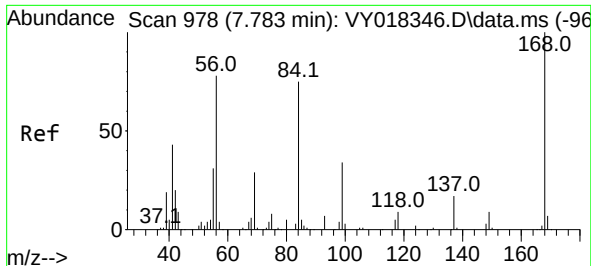
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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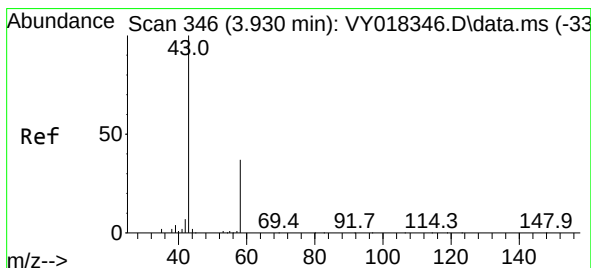
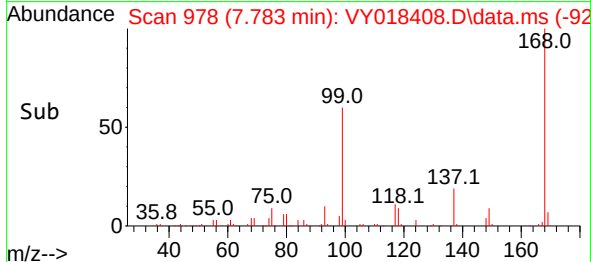
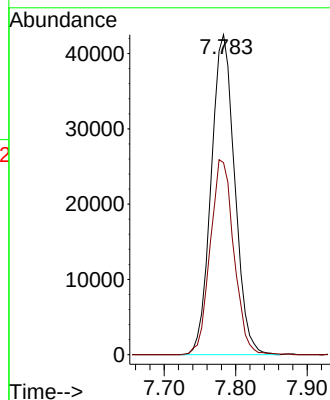
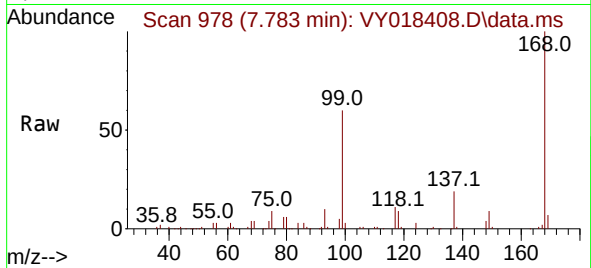




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018408.D
Acq: 30 May 2024 12:41

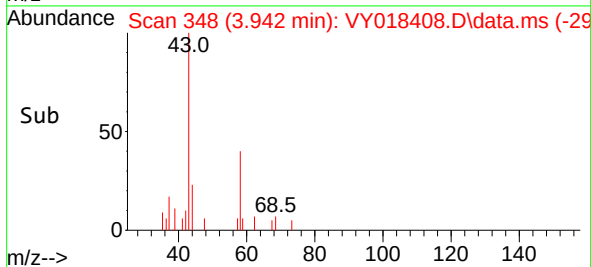
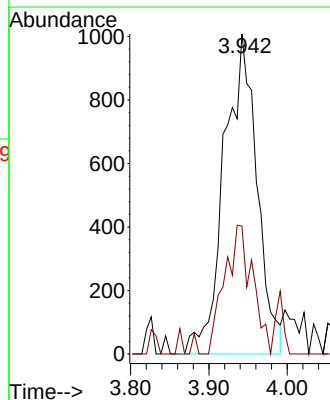
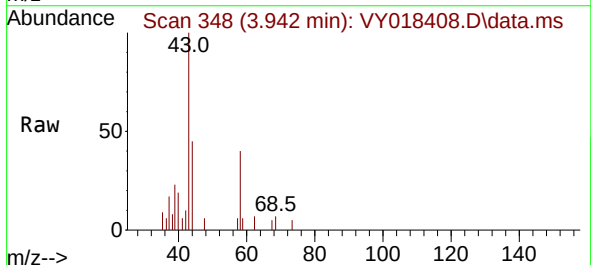
Instrument :
MSVOA_Y
ClientSampleId :
WCS-TPT-VOC

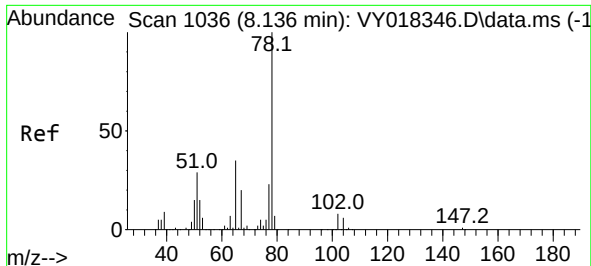
Tgt Ion:168 Resp: 97239
Ion Ratio Lower Upper
168 100
99 60.0 39.1 58.7#



#16
Acetone
Concen: 15.495 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.012 min
Lab File: VY018408.D
Acq: 30 May 2024 12:41

Tgt Ion: 43 Resp: 2936
Ion Ratio Lower Upper
43 100
58 32.0 31.7 47.5





#33

1,2-Dichloroethane-d4

Concen: 60.151 ug/l

RT: 8.137 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY018408.D

Acq: 30 May 2024 12:41

Instrument :

MSVOA_Y

ClientSampleId :

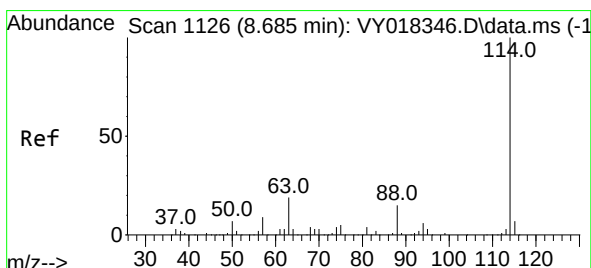
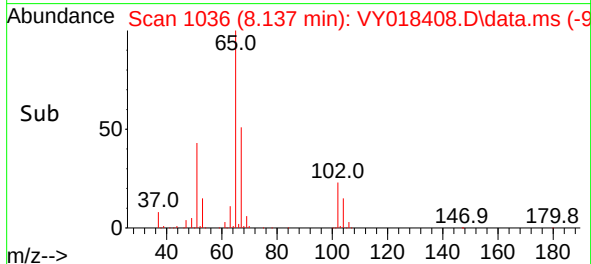
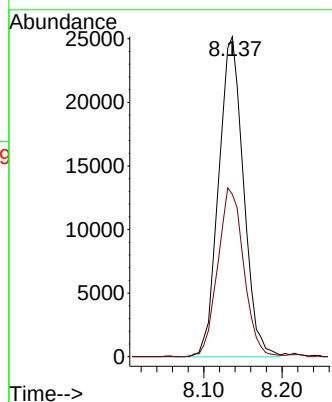
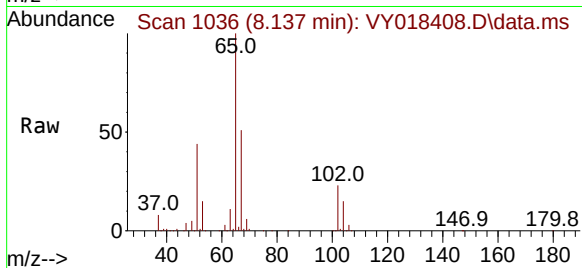
WCS-TPT-VOC

Tgt Ion: 65 Resp: 55415

Ion Ratio Lower Upper

65 100

67 55.1 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY018408.D

Acq: 30 May 2024 12:41

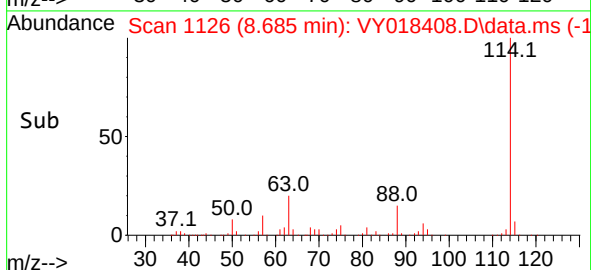
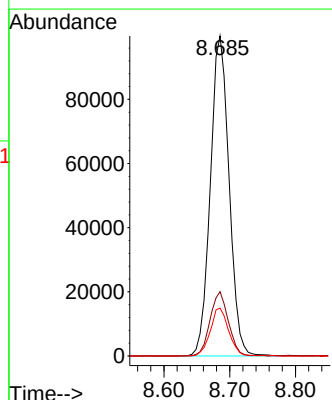
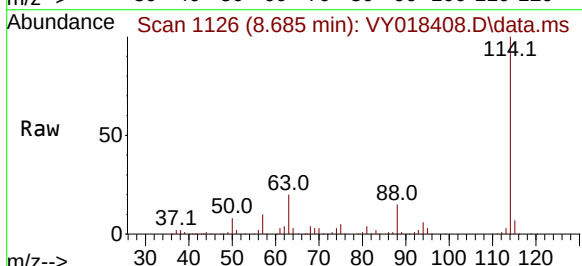
Tgt Ion: 114 Resp: 197693

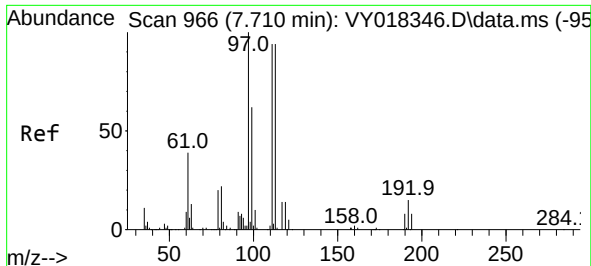
Ion Ratio Lower Upper

114 100

63 20.1 0.0 35.0

88 14.9 0.0 27.2

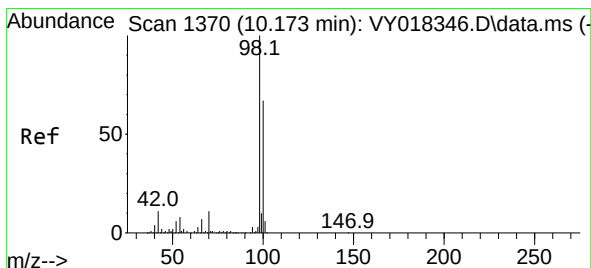
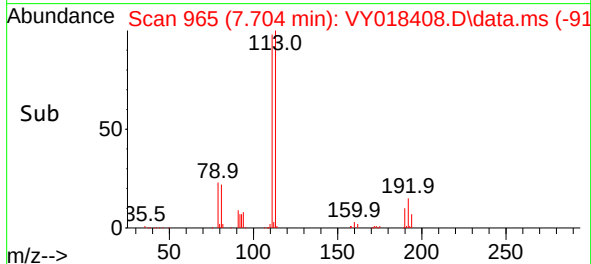
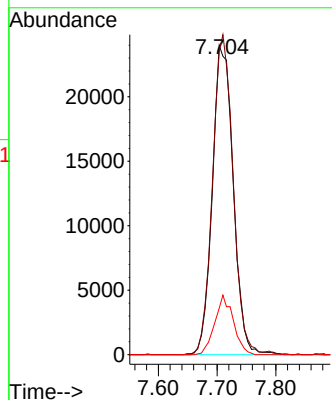
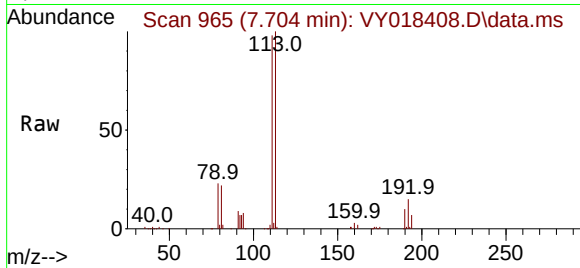




#35
Dibromofluoromethane
Concen: 51.301 ug/l
RT: 7.704 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018408.D
Acq: 30 May 2024 12:41

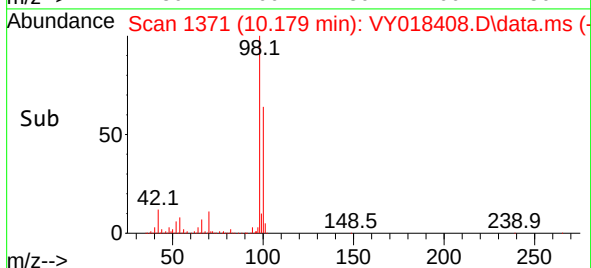
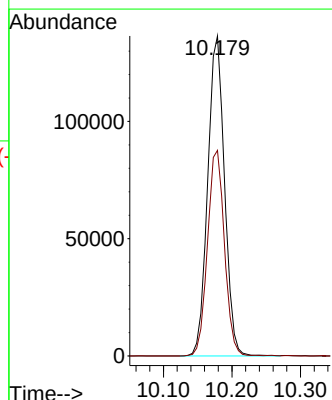
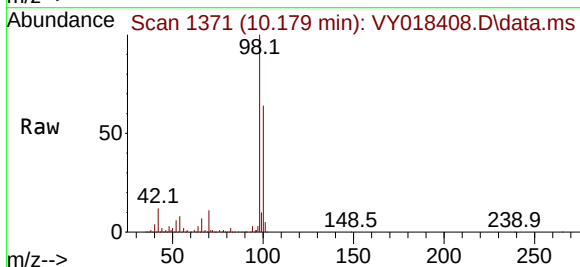
Instrument :
MSVOA_Y
ClientSampleId :
WCS-TPT-VOC

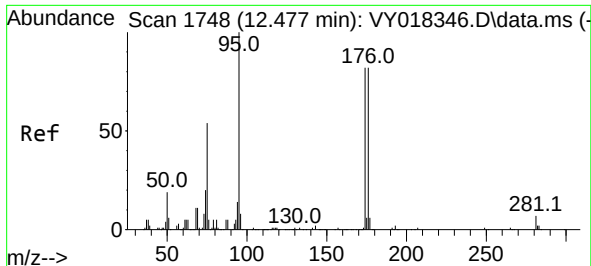
Tgt Ion:113 Resp: 59142
Ion Ratio Lower Upper
113 100
111 101.5 82.2 123.4
192 17.2 15.9 23.9



#50
Toluene-d8
Concen: 51.792 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY018408.D
Acq: 30 May 2024 12:41

Tgt Ion: 98 Resp: 232790
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0

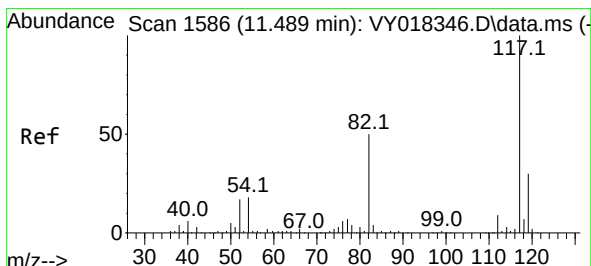
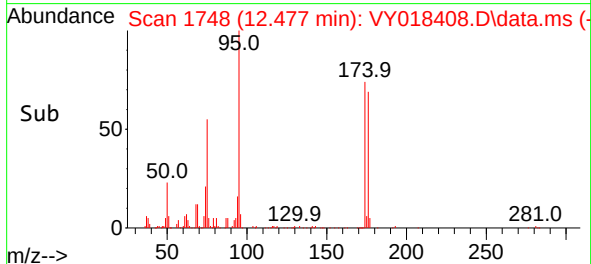
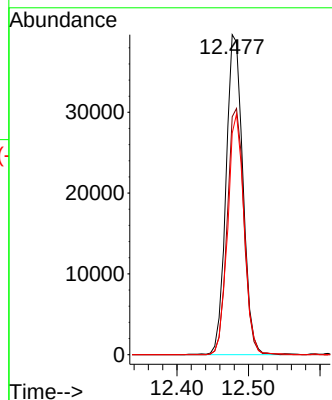
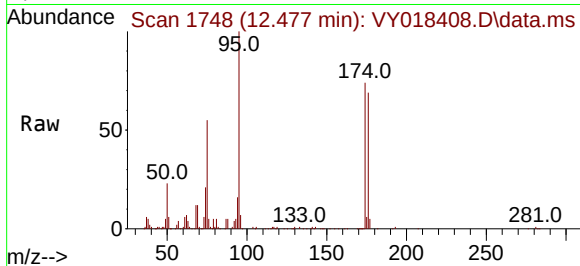




#62
4-Bromofluorobenzene
Concen: 46.735 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018408.D
Acq: 30 May 2024 12:41

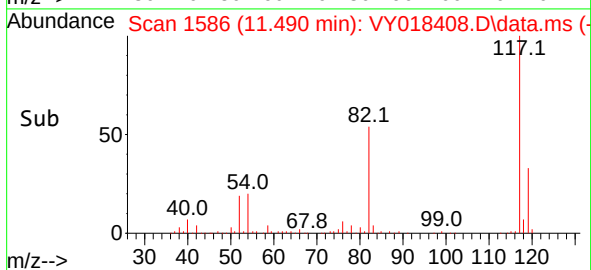
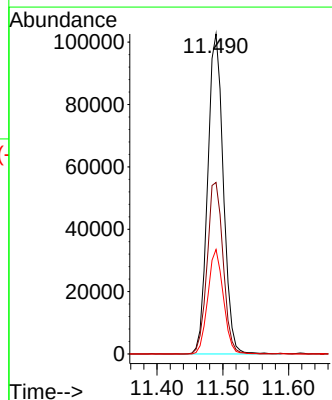
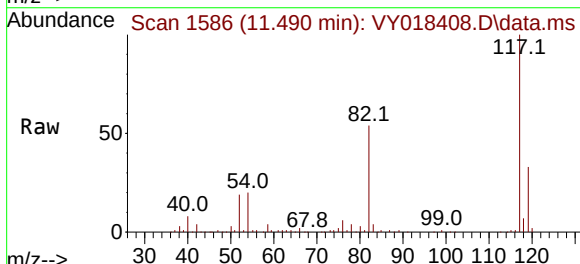
Instrument :
MSVOA_Y
ClientSampleId :
WCS-TPT-VOC

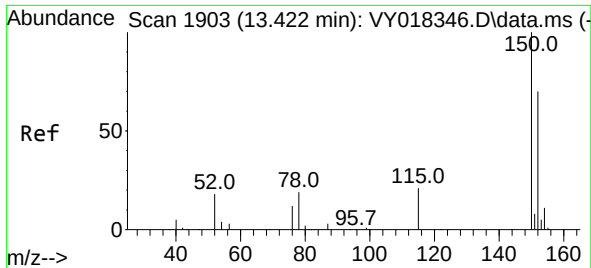
Tgt Ion: 95 Resp: 64907
Ion Ratio Lower Upper
95 100
174 75.9 0.0 175.6
176 73.3 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY018408.D
Acq: 30 May 2024 12:41

Tgt Ion: 117 Resp: 169892
Ion Ratio Lower Upper
117 100
82 53.6 42.4 63.6
119 32.7 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY018408.D
 Acq: 30 May 2024 12:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 WCS-TPT-VOC

Tgt Ion:152 Resp: 57363
 Ion Ratio Lower Upper
 152 100
 115 60.8 28.2 84.7
 150 155.1 0.0 345.6

