

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060624\
 Data File : VY018516.D
 Acq On : 06 Jun 2024 19:43
 Operator : SY/MD
 Sample : P2740-07
 Misc : 5.26g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WCS-TPB-VOC

Quant Time: Jun 07 02:32:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 07:11:56 2024
 Response via : Initial Calibration

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

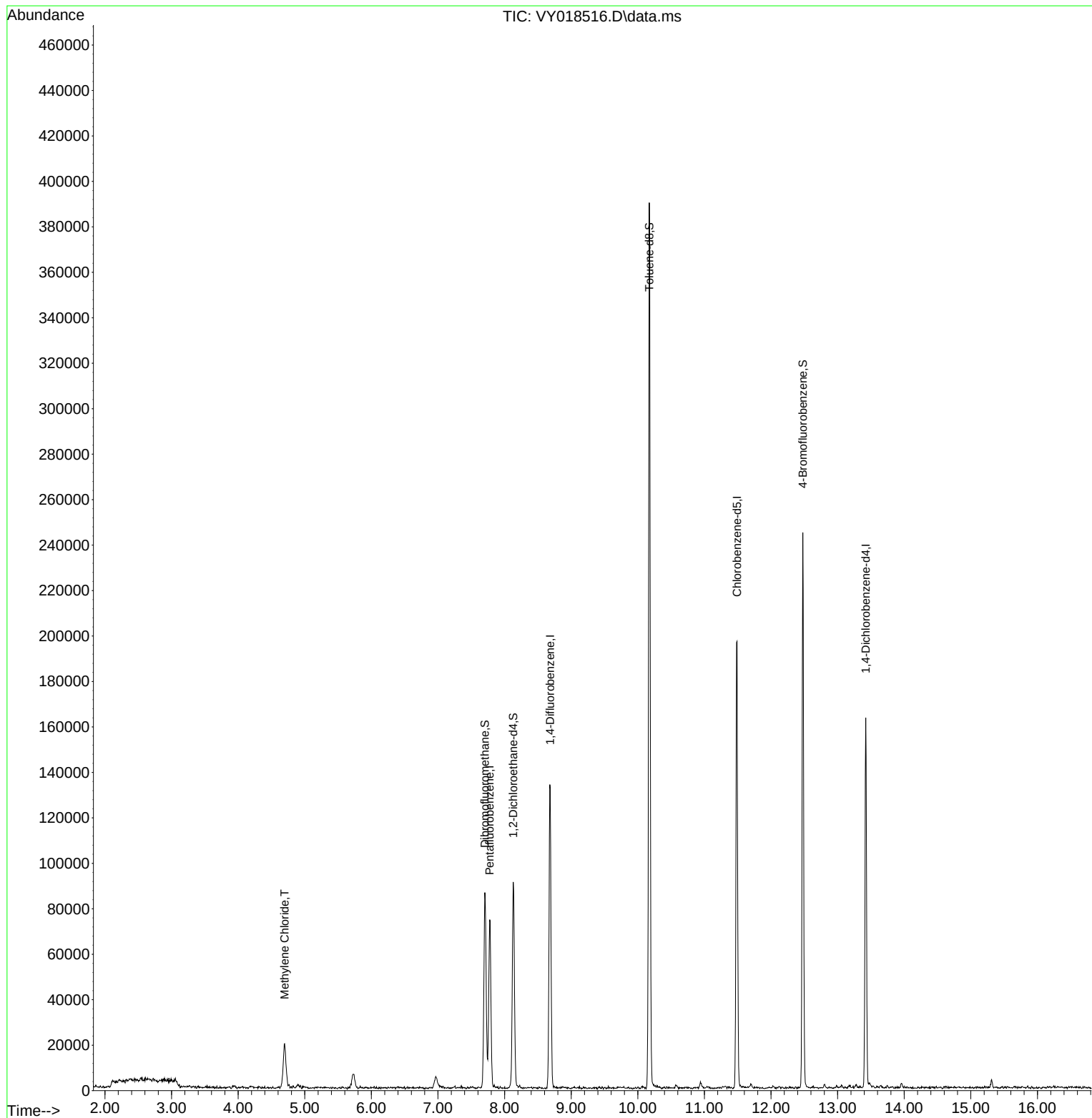
Internal Standards						
1) Pentafluorobenzene	7.777	168	50209	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	108977	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	102186	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	37574	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	65289	66.214	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.420%
35) Dibromofluoromethane	7.704	113	58152	42.081	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.160%
50) Toluene-d8	10.173	98	240369	43.723	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	87.440%
62) 4-Bromofluorobenzene	12.477	95	68028	39.743	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.480%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.698	84	12977	7.785	ug/l #	95

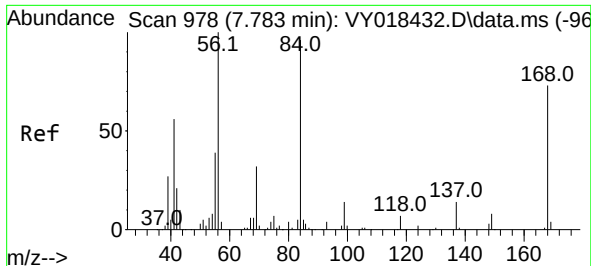
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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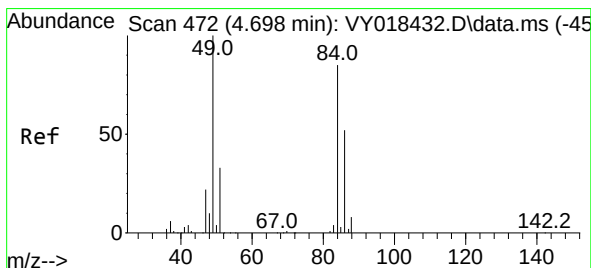
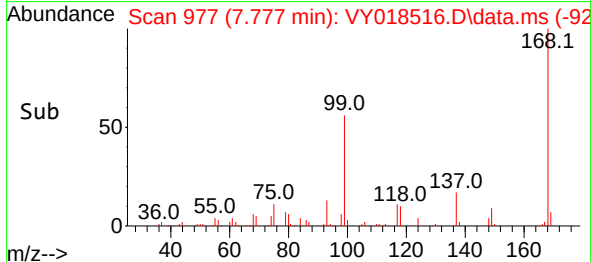
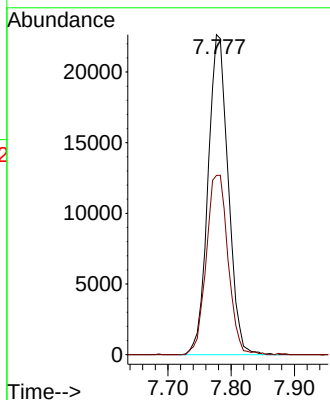
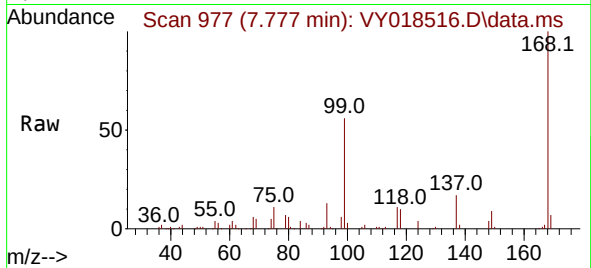




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018516.D
Acq: 06 Jun 2024 19:43

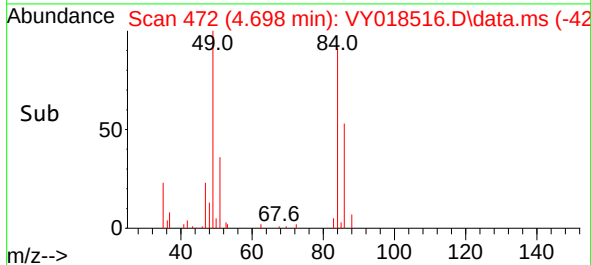
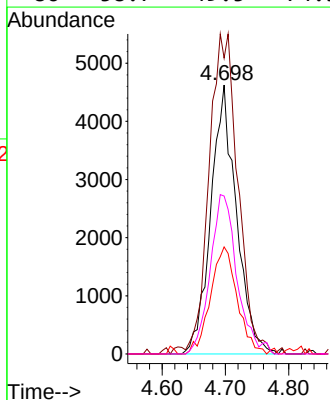
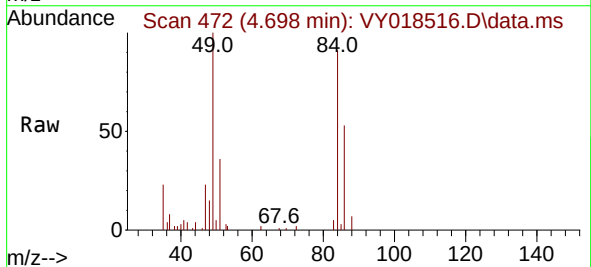
Instrument :
MSVOA_Y
ClientSampleId :
WCS-TPB-VOC

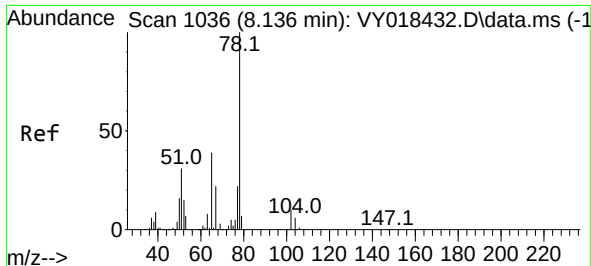
Tgt Ion:168 Resp: 50209
Ion Ratio Lower Upper
168 100
99 56.0 39.1 58.7



#20
Methylene Chloride
Concen: 7.785 ug/l
RT: 4.698 min Scan# 472
Delta R.T. -0.000 min
Lab File: VY018516.D
Acq: 06 Jun 2024 19:43

Tgt Ion: 84 Resp: 12977
Ion Ratio Lower Upper
84 100
49 108.7 84.4 126.6
51 39.8 26.0 39.0#
86 58.7 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 66.214 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY018516.D

Acq: 06 Jun 2024 19:43

Instrument :

MSVOA_Y

ClientSampleId :

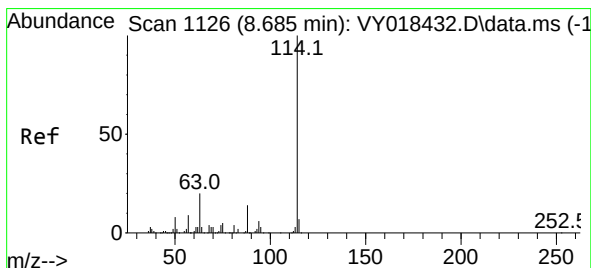
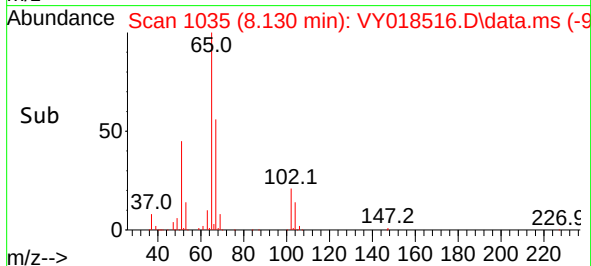
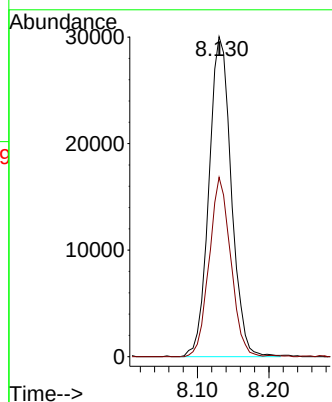
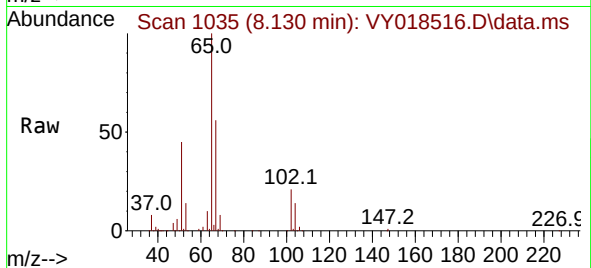
WCS-TPB-VOC

Tgt Ion: 65 Resp: 65289

Ion Ratio Lower Upper

65 100

67 53.9 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: VY018516.D

Acq: 06 Jun 2024 19:43

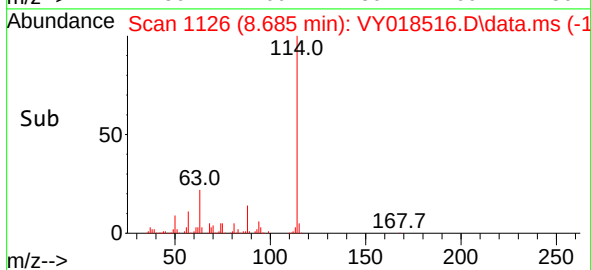
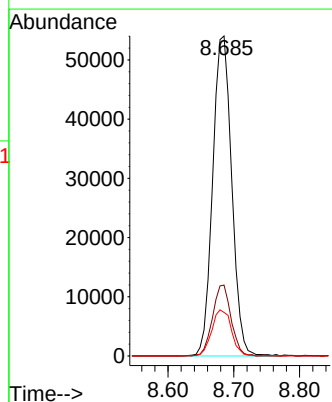
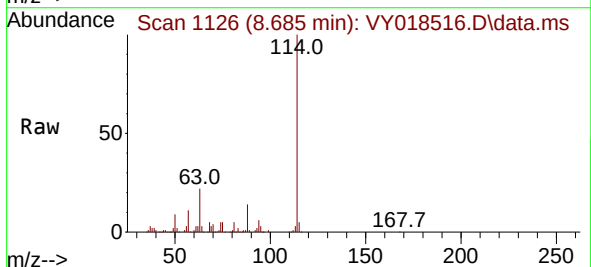
Tgt Ion: 114 Resp: 108977

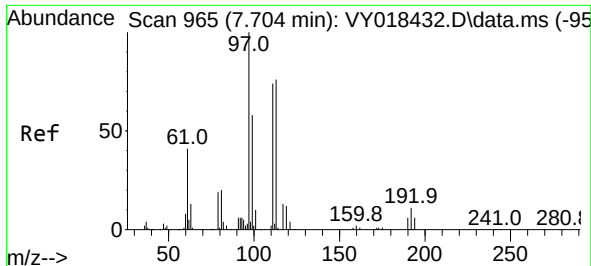
Ion Ratio Lower Upper

114 100

63 22.2 0.0 35.0

88 13.6 0.0 27.2

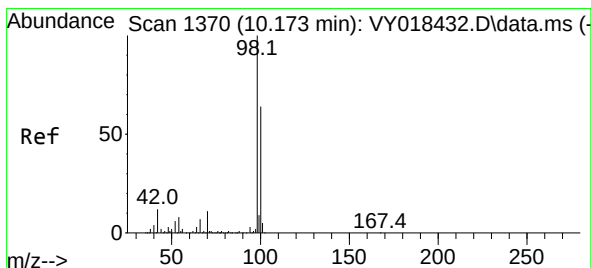
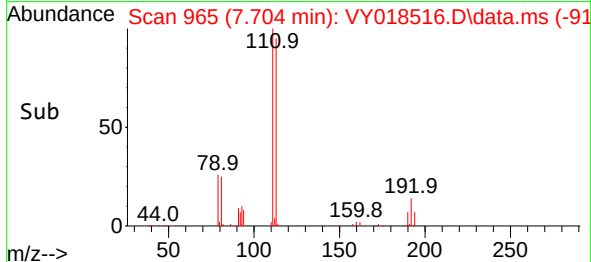
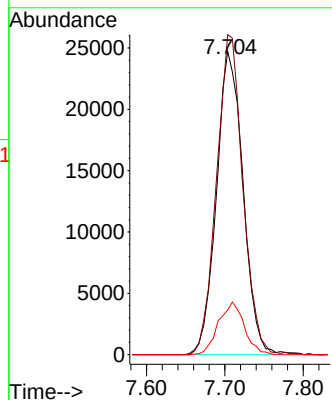
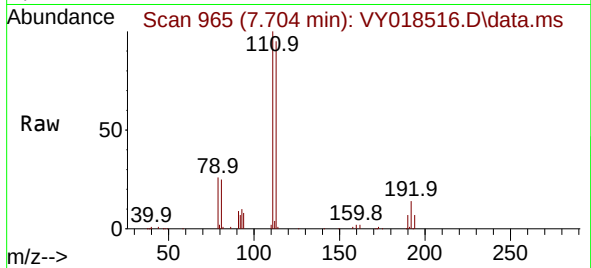




#35
Dibromofluoromethane
Concen: 42.081 ug/l
RT: 7.704 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY018516.D
Acq: 06 Jun 2024 19:43

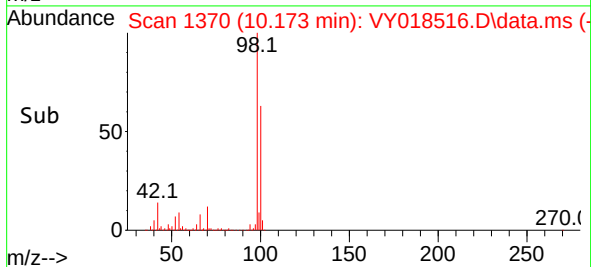
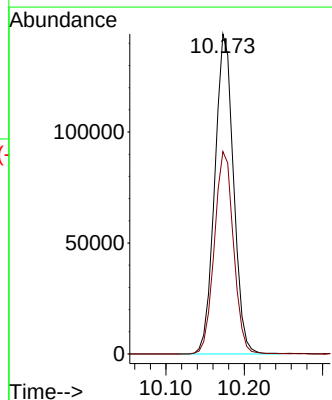
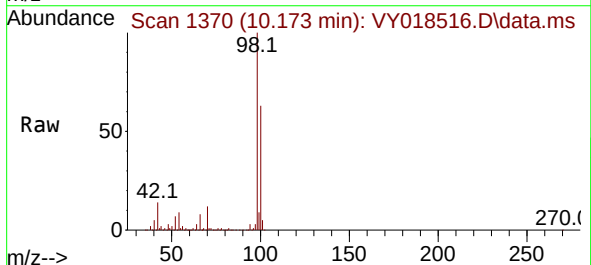
Instrument :
MSVOA_Y
ClientSampleId :
WCS-TPB-VOC

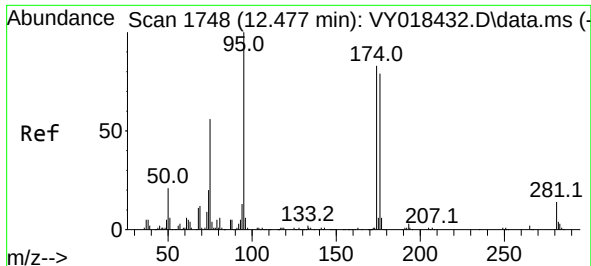
Tgt Ion:113 Resp: 58152
Ion Ratio Lower Upper
113 100
111 104.4 82.2 123.4
192 16.9 15.9 23.9



#50
Toluene-d8
Concen: 43.723 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY018516.D
Acq: 06 Jun 2024 19:43

Tgt Ion: 98 Resp: 240369
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0

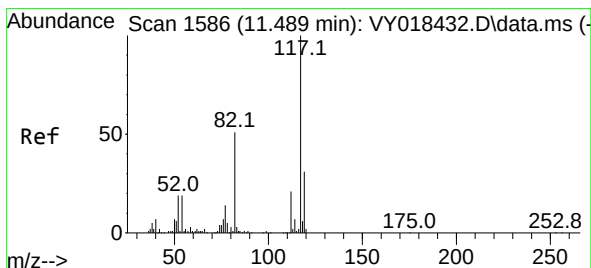
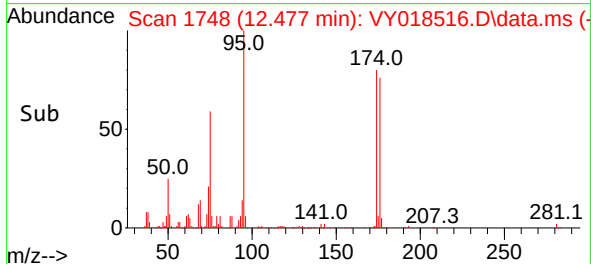
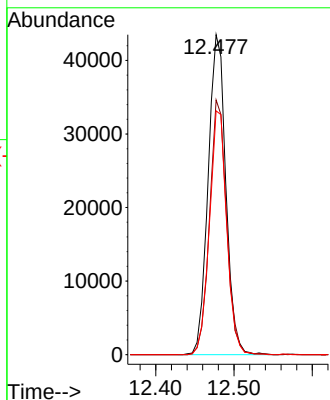
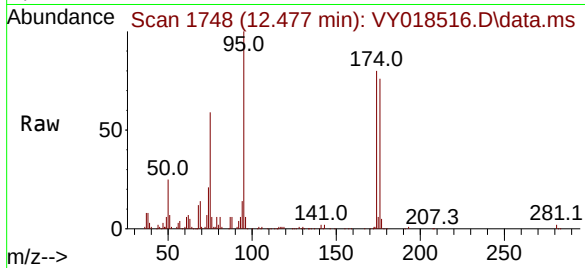




#62
4-Bromofluorobenzene
Concen: 39.743 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018516.D
Acq: 06 Jun 2024 19:43

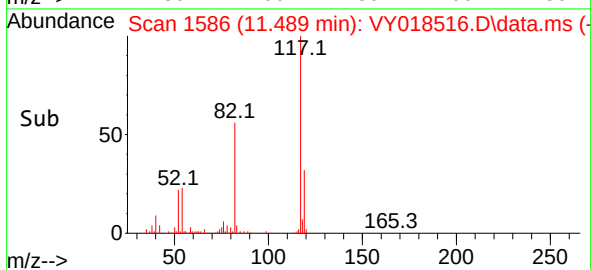
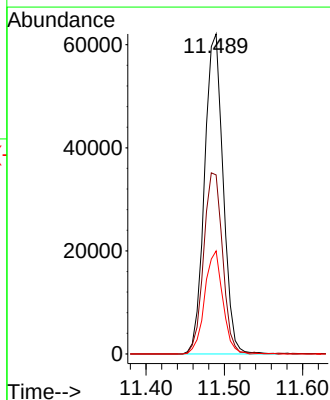
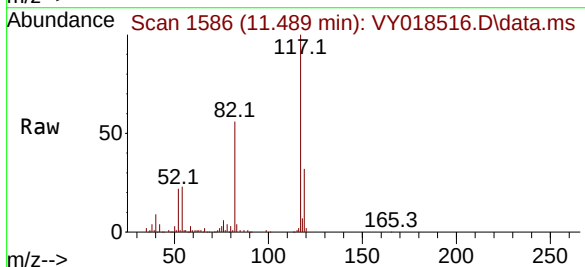
Instrument :
MSVOA_Y
ClientSampleId :
WCS-TPB-VOC

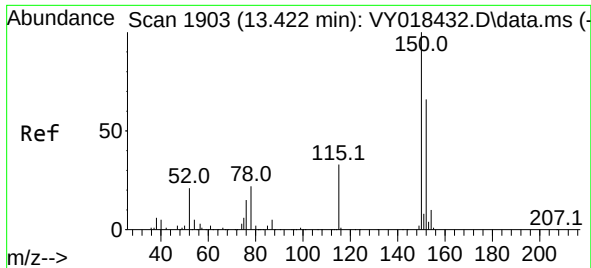
Tgt Ion: 95 Resp: 68028
Ion Ratio Lower Upper
95 100
174 76.9 0.0 175.6
176 74.4 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY018516.D
Acq: 06 Jun 2024 19:43

Tgt Ion: 117 Resp: 102186
Ion Ratio Lower Upper
117 100
82 55.9 42.4 63.6
119 32.2 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: VY018516.D

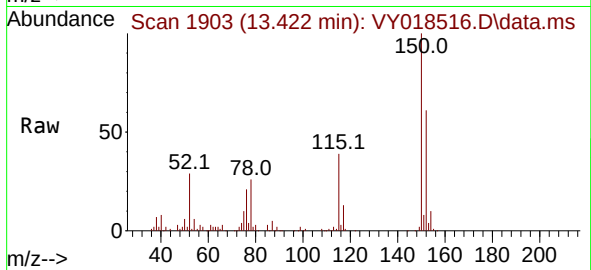
Acq: 06 Jun 2024 19:43

Instrument :

MSVOA_Y

ClientSampleId :

WCS-TPB-VOC



Tgt Ion:152 Resp: 37574

Ion Ratio Lower Upper

152 100

115 61.7 28.2 84.7

150 164.1 0.0 345.6

