

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052024\
 Data File : VY018332.D
 Acq On : 20 May 2024 14:03
 Operator : SY/MD
 Sample : P2518-11
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC-MH-FF

Quant Time: May 21 01:24:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 01:40:14 2024
 Response via : Initial Calibration

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

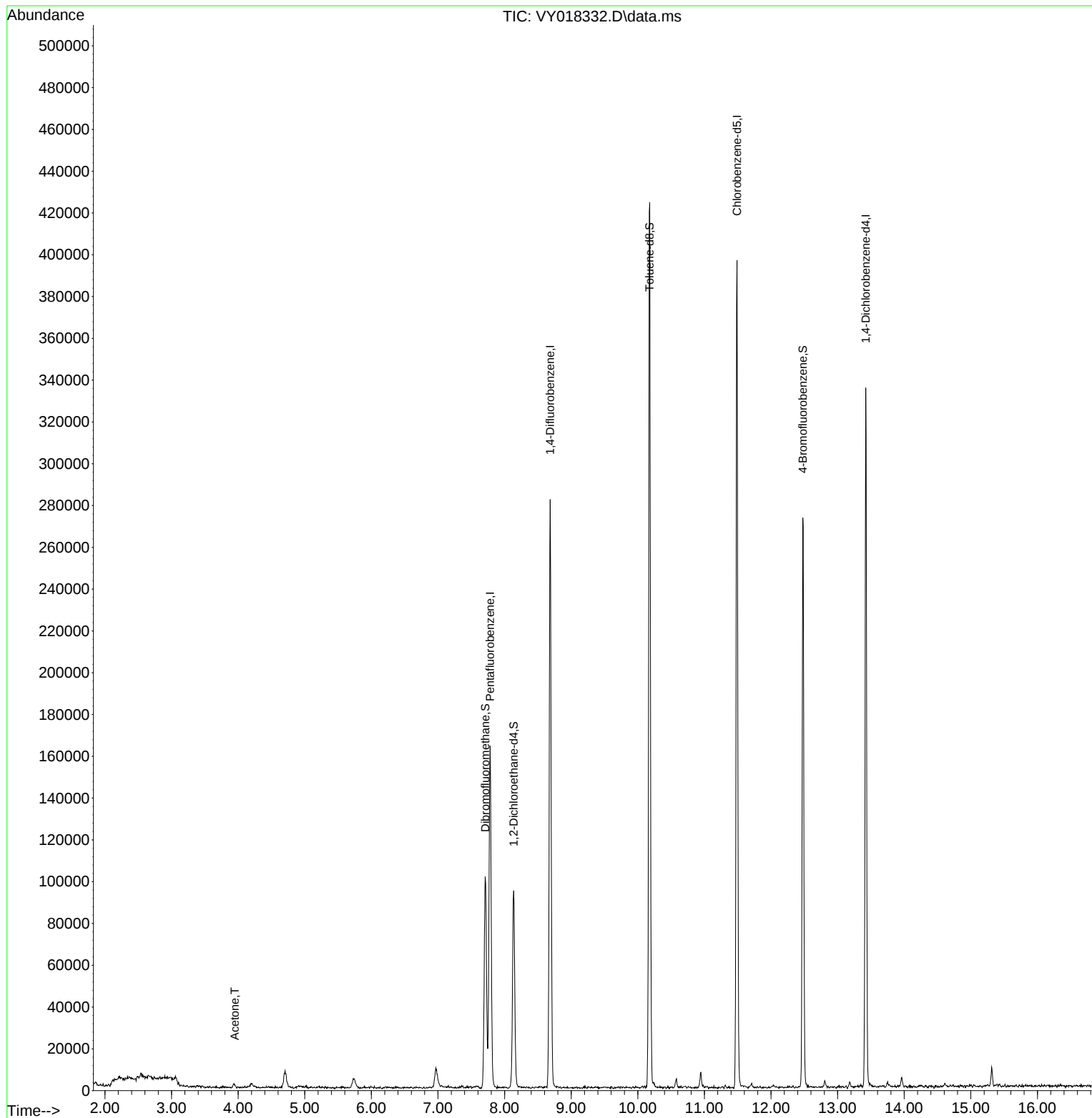
Internal Standards						
1) Pentafluorobenzene	7.783	168	121453	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	244411	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	218891	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	83577	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	70167	78.531	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	157.060%
35) Dibromofluoromethane	7.710	113	72343	56.320	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.640%
50) Toluene-d8	10.179	98	284548	56.216	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	112.440%
62) 4-Bromofluorobenzene	12.477	95	87246	53.373	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	106.740%
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	2275	12.759	ug/l #	71

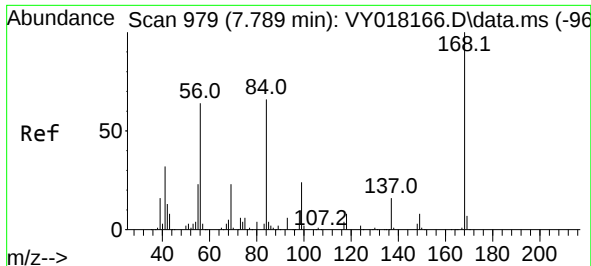
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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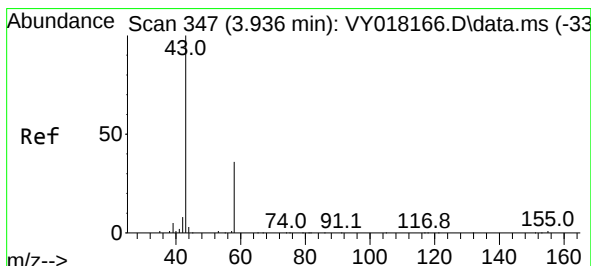
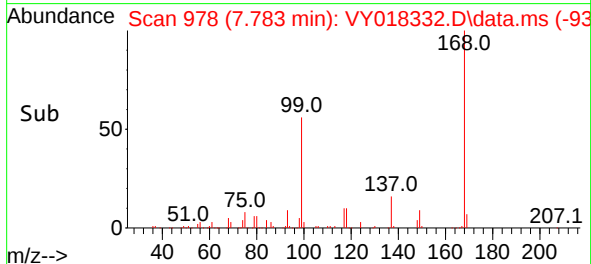
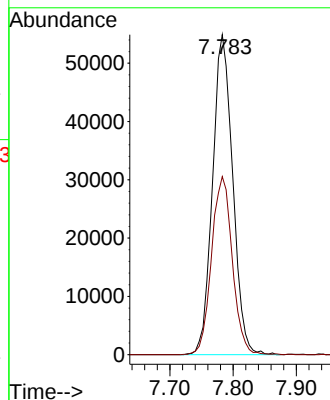
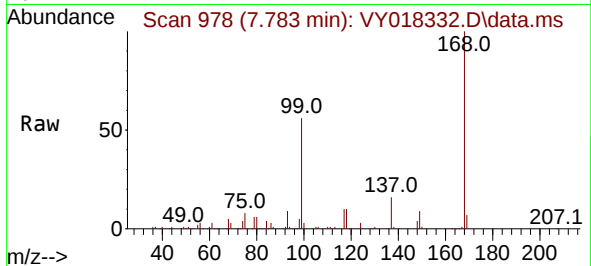




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018332.D
Acq: 20 May 2024 14:03

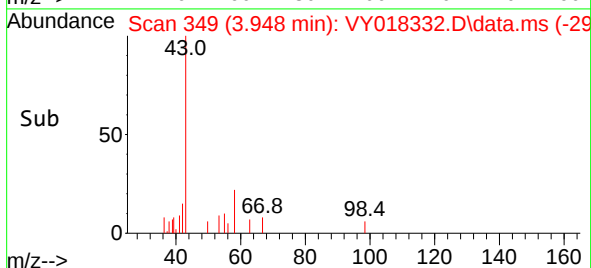
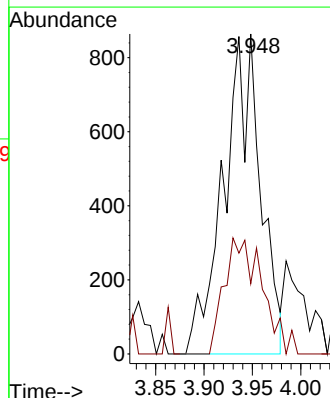
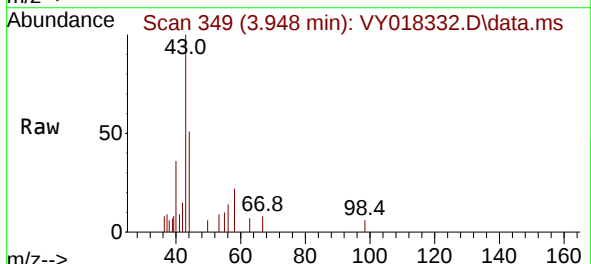
Instrument :
MSVOA_Y
ClientSampleId :
VOC-MH-FF

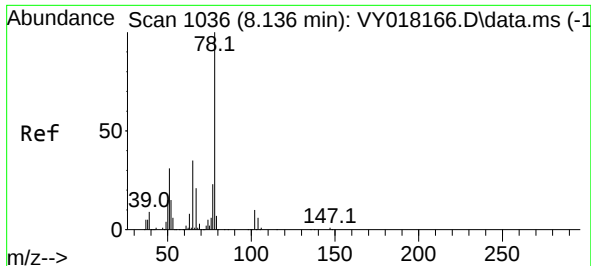
Tgt Ion:168 Resp: 121453
Ion Ratio Lower Upper
168 100
99 55.7 39.1 58.7



#16
Acetone
Concen: 12.759 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.012 min
Lab File: VY018332.D
Acq: 20 May 2024 14:03

Tgt Ion: 43 Resp: 2275
Ion Ratio Lower Upper
43 100
58 22.0 31.7 47.5#





#33

1,2-Dichloroethane-d4

Concen: 78.531 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY018332.D

Acq: 20 May 2024 14:03

Instrument :

MSVOA_Y

ClientSampleId :

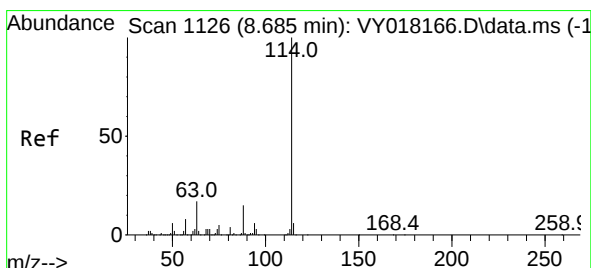
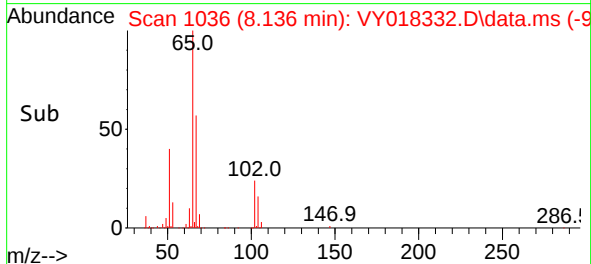
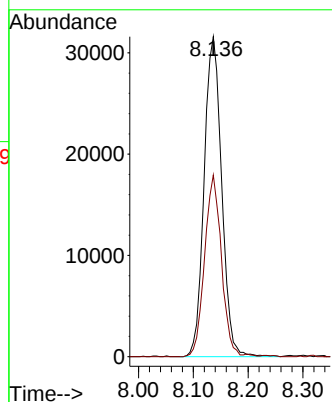
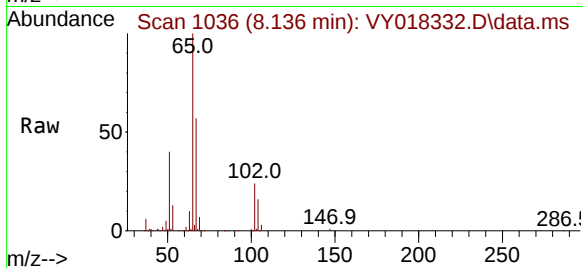
VOC-MH-FF

Tgt Ion: 65 Resp: 70167

Ion Ratio Lower Upper

65 100

67 54.3 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: VY018332.D

Acq: 20 May 2024 14:03

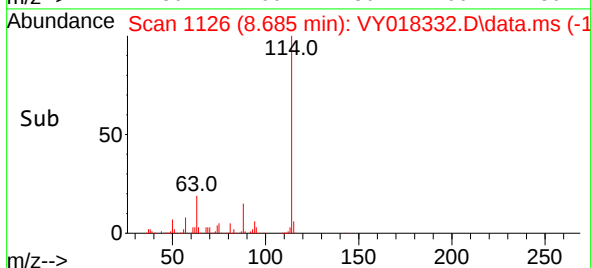
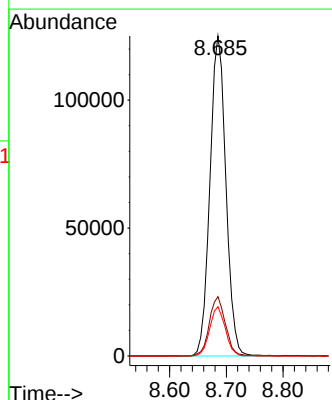
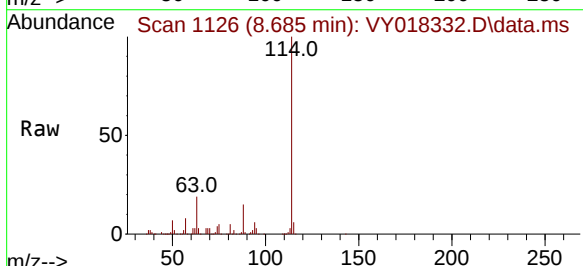
Tgt Ion: 114 Resp: 244411

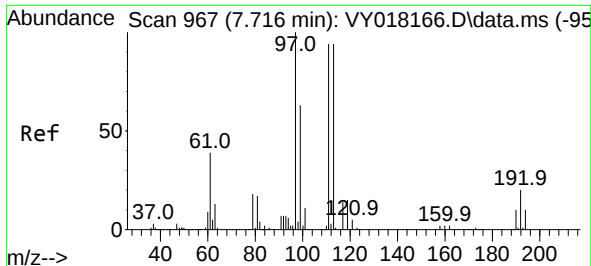
Ion Ratio Lower Upper

114 100

63 18.6 0.0 35.0

88 15.4 0.0 27.2

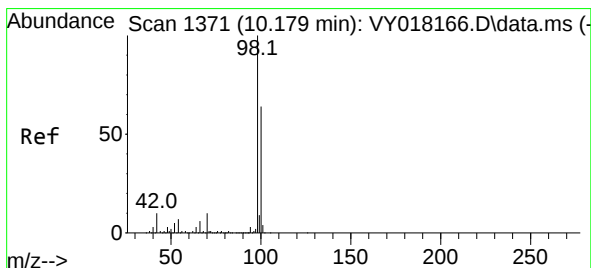
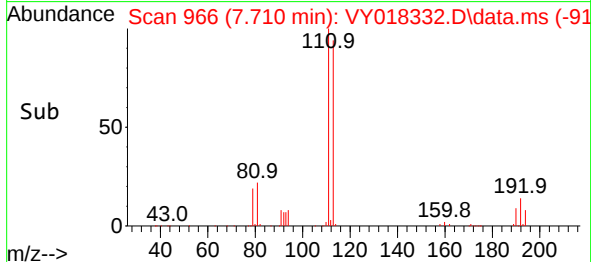
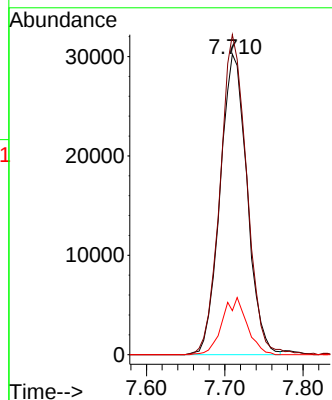
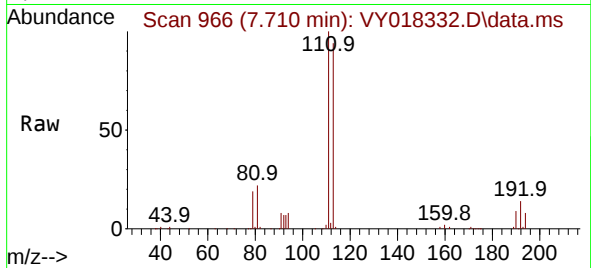




#35
Dibromofluoromethane
Concen: 56.320 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018332.D
Acq: 20 May 2024 14:03

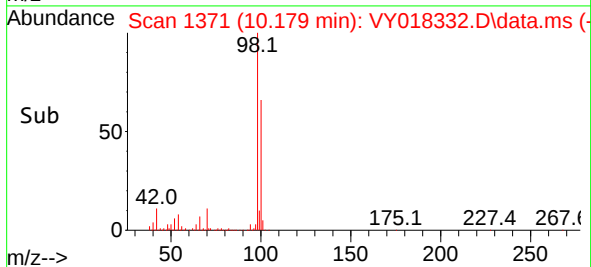
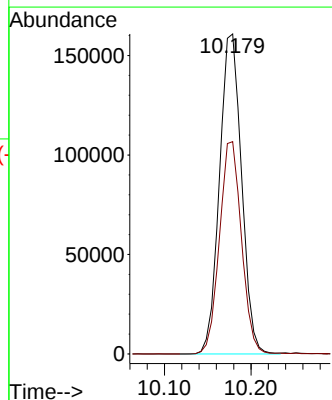
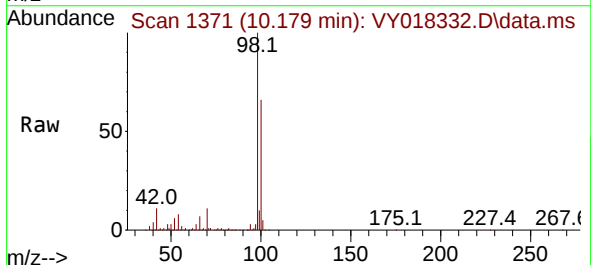
Instrument :
MSVOA_Y
ClientSampleId :
VOC-MH-FF

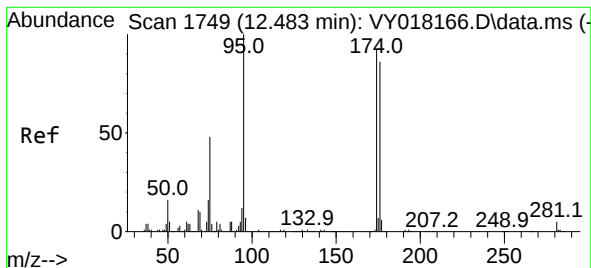
Tgt Ion:113 Resp: 72343
Ion Ratio Lower Upper
113 100
111 105.4 82.2 123.4
192 17.5 15.9 23.9



#50
Toluene-d8
Concen: 56.216 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY018332.D
Acq: 20 May 2024 14:03

Tgt Ion: 98 Resp: 284548
Ion Ratio Lower Upper
98 100
100 66.2 52.0 78.0

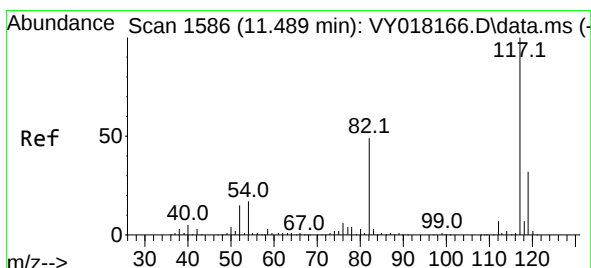
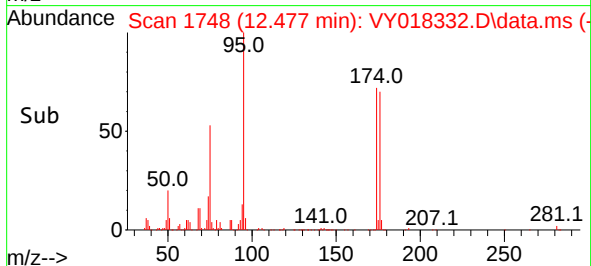
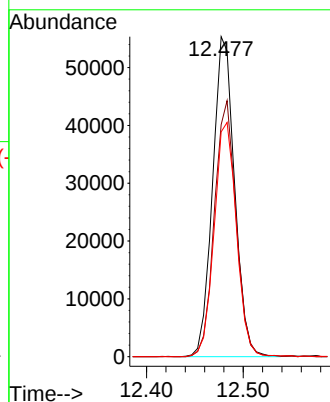
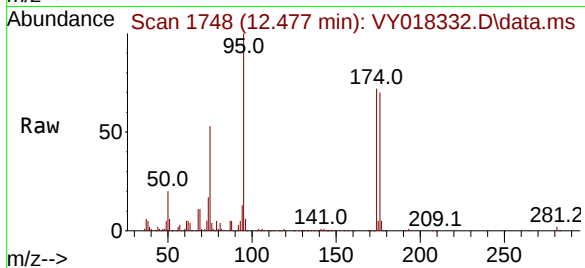




#62
4-Bromofluorobenzene
Concen: 53.373 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY018332.D
Acq: 20 May 2024 14:03

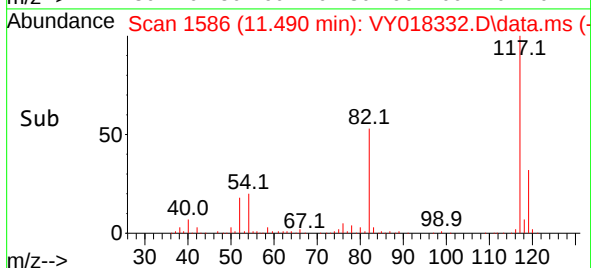
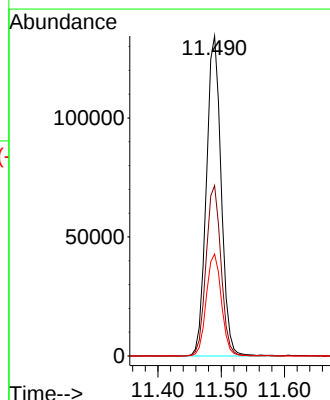
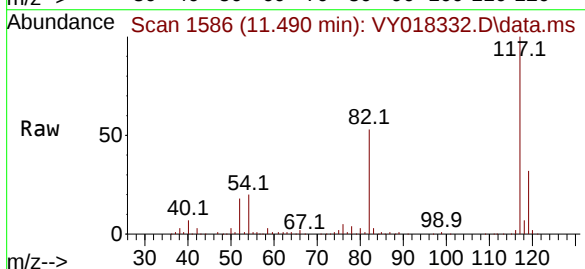
Instrument :
MSVOA_Y
ClientSampleId :
VOC-MH-FF

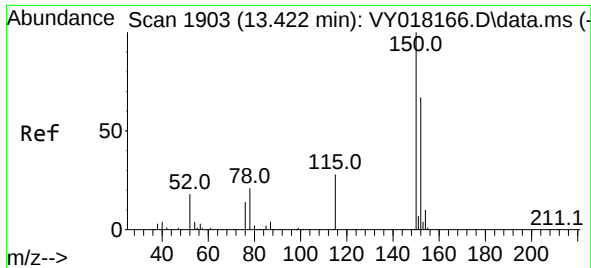
Tgt Ion: 95 Resp: 87246
Ion Ratio Lower Upper
95 100
174 78.9 0.0 175.6
176 74.3 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY018332.D
Acq: 20 May 2024 14:03

Tgt Ion: 117 Resp: 218891
Ion Ratio Lower Upper
117 100
82 53.3 42.4 63.6
119 31.9 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: VY018332.D

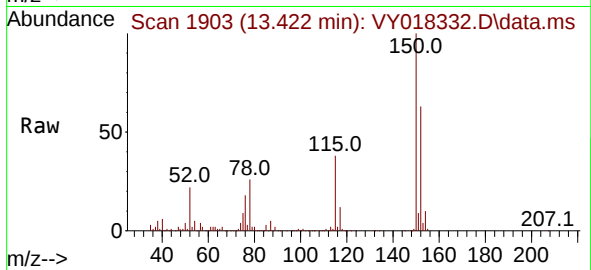
Acq: 20 May 2024 14:03

Instrument :

MSVOA_Y

ClientSampleId :

VOC-MH-FF



Tgt Ion:152 Resp: 83577

Ion Ratio Lower Upper

152 100

115 58.5 28.2 84.7

150 158.7 0.0 345.6

