

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060524\
 Data File : VY018490.D
 Acq On : 05 Jun 2024 17:25
 Operator : SY/MD
 Sample : P2704-03
 Misc : 5.80g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TPO-VOC

Quant Time: Jun 06 05:58:06 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)

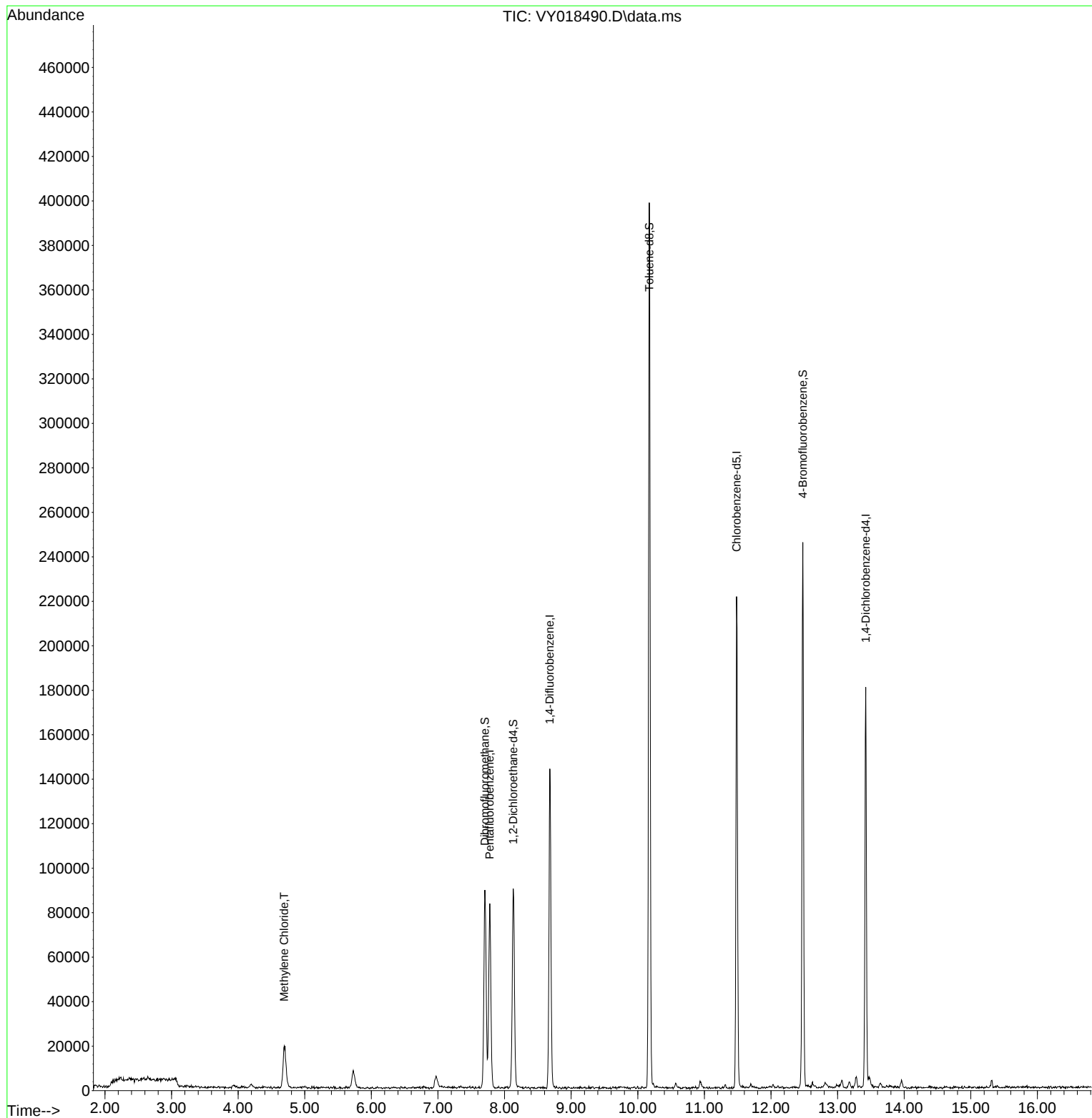
Internal Standards						
1) Pentafluorobenzene	7.777	168	56052	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.679	114	116677	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.484	117	110725	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	41015	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	67513	61.332	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.660%
35) Dibromofluoromethane	7.704	113	61994	41.901	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.800%
50) Toluene-d8	10.173	98	247076	41.977	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	83.960%
62) 4-Bromofluorobenzene	12.477	95	71763	39.158	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	78.320%
Target Compounds						
						Qvalue
20) Methylene Chloride	4.692	84	13058	6.723	ug/l	# 85

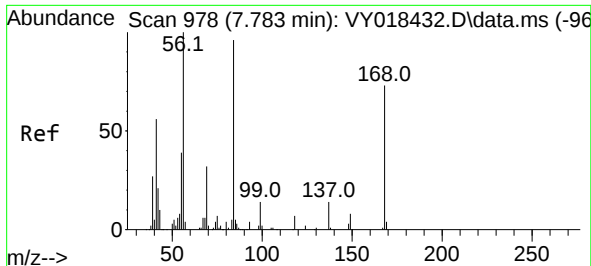
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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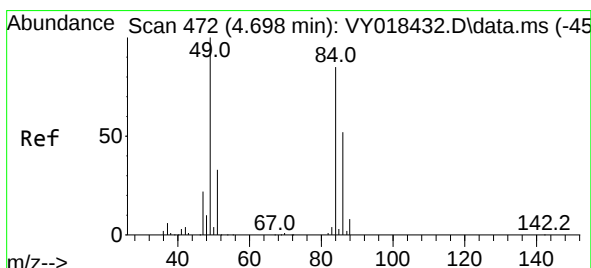
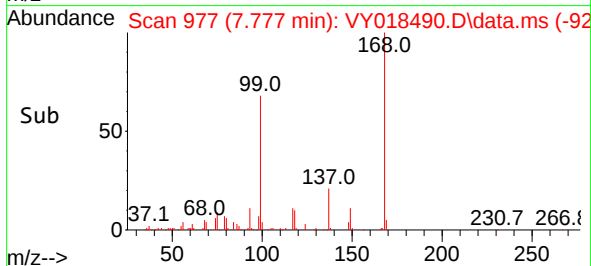
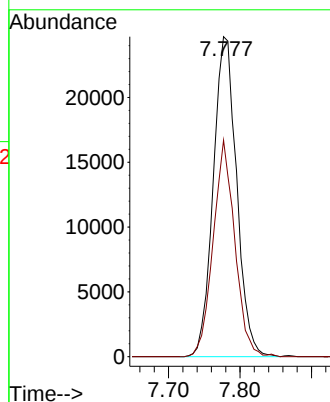
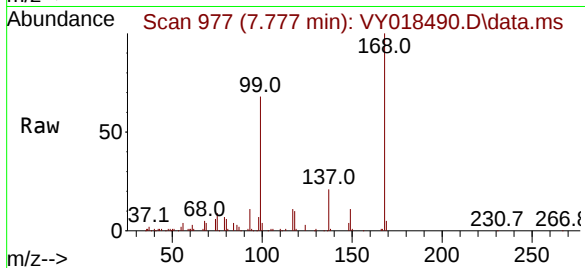




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018490.D
Acq: 05 Jun 2024 17:25

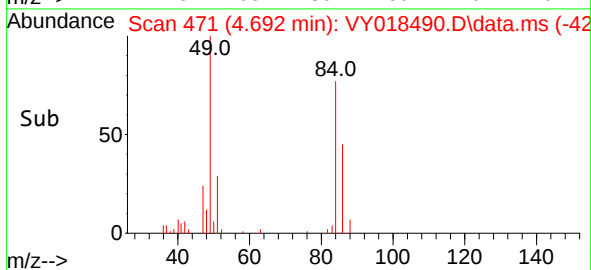
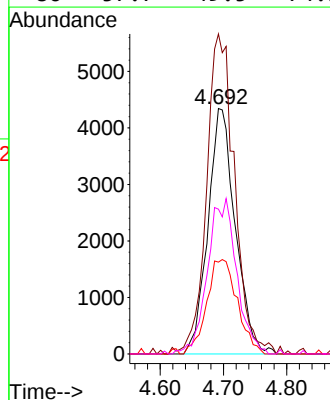
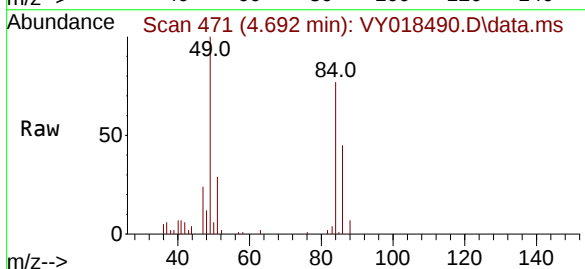
Instrument :
MSVOA_Y
ClientSampleId :
TPO-VOC

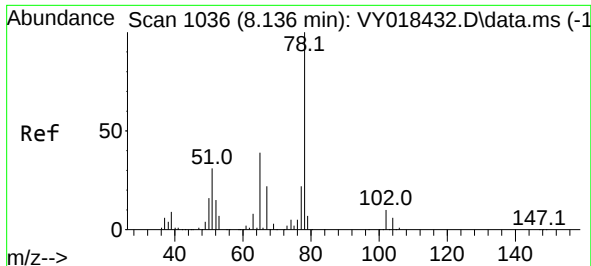
Tgt Ion:168 Resp: 56052
Ion Ratio Lower Upper
168 100
99 67.6 39.1 58.7#



#20
Methylene Chloride
Concen: 6.723 ug/l
RT: 4.692 min Scan# 471
Delta R.T. -0.006 min
Lab File: VY018490.D
Acq: 05 Jun 2024 17:25

Tgt Ion: 84 Resp: 13058
Ion Ratio Lower Upper
84 100
49 128.5 84.4 126.6#
51 37.4 26.0 39.0
86 57.7 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 61.332 ug/l

RT: 8.130 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY018490.D

Acq: 05 Jun 2024 17:25

Instrument :

MSVOA_Y

ClientSampleId :

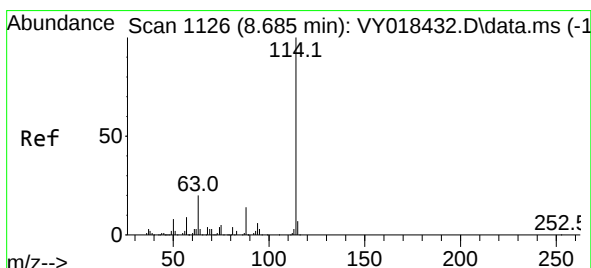
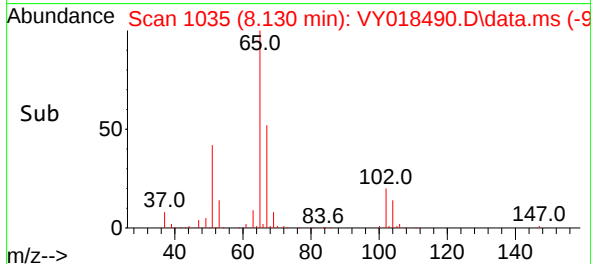
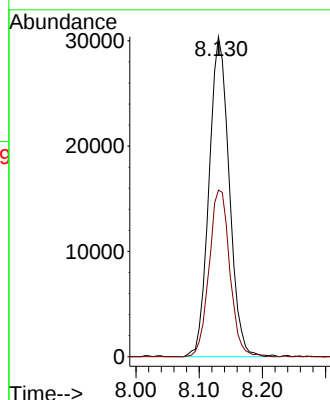
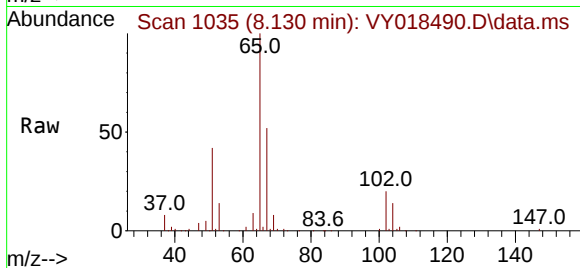
TPO-VOC

Tgt Ion: 65 Resp: 67513

Ion Ratio Lower Upper

65 100

67 53.1 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. -0.006 min

Lab File: VY018490.D

Acq: 05 Jun 2024 17:25

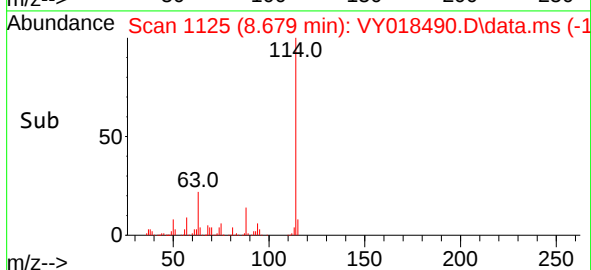
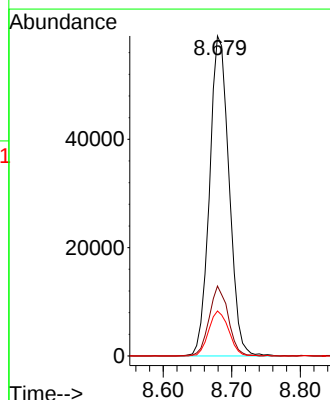
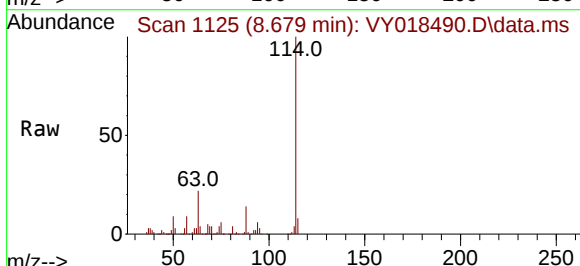
Tgt Ion: 114 Resp: 116677

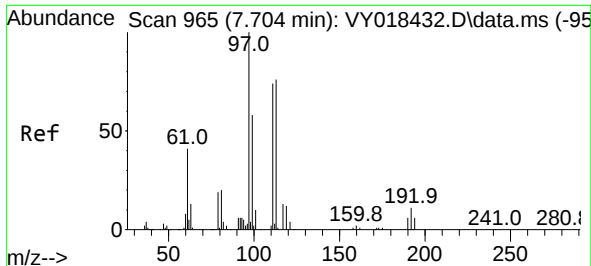
Ion Ratio Lower Upper

114 100

63 21.8 0.0 35.0

88 14.0 0.0 27.2





#35

Dibromofluoromethane

Concen: 41.901 ug/l

RT: 7.704 min Scan# 9

Delta R.T. 0.000 min

Lab File: VY018490.D

Acq: 05 Jun 2024 17:25

Instrument :

MSVOA_Y

ClientSampleId :

TPO-VOC

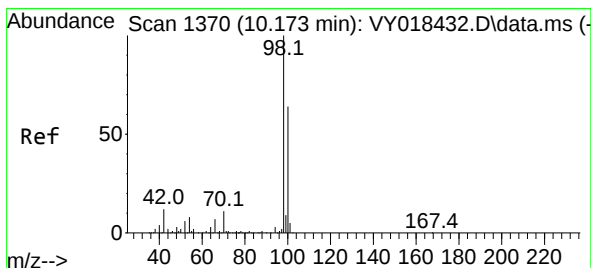
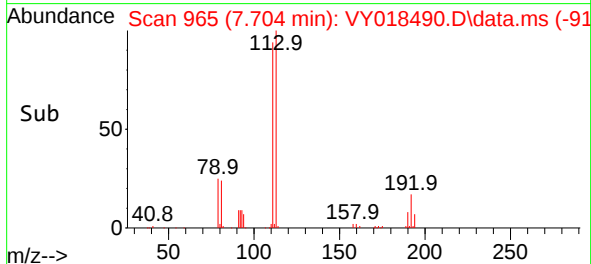
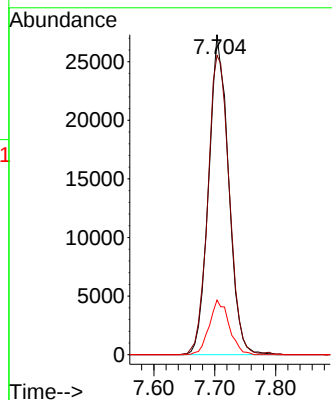
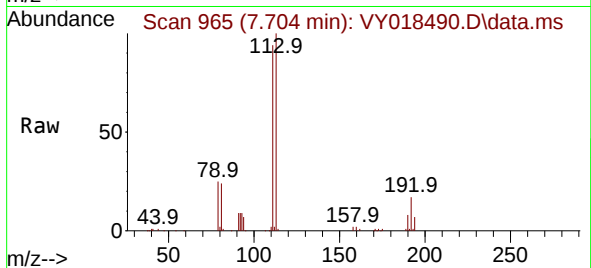
Tgt Ion:113 Resp: 61994

Ion Ratio Lower Upper

113 100

111 100.2 82.2 123.4

192 17.0 15.9 23.9



#50

Toluene-d8

Concen: 41.977 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. 0.000 min

Lab File: VY018490.D

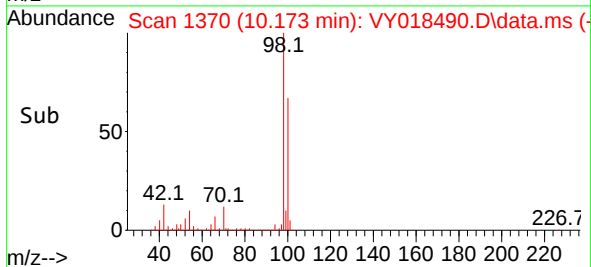
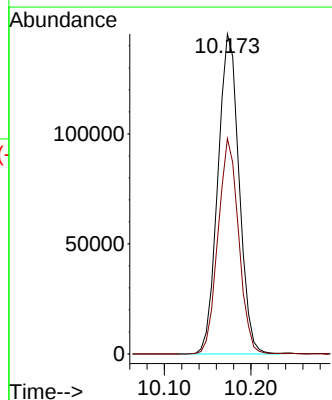
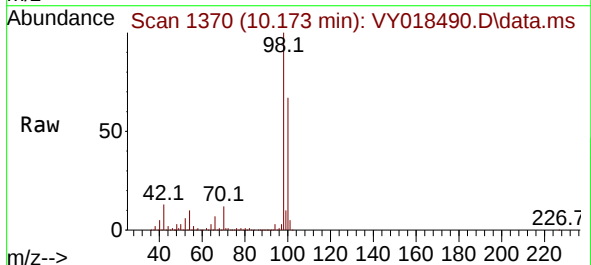
Acq: 05 Jun 2024 17:25

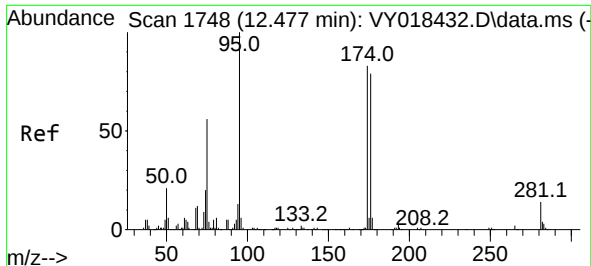
Tgt Ion: 98 Resp: 247076

Ion Ratio Lower Upper

98 100

100 65.5 52.0 78.0

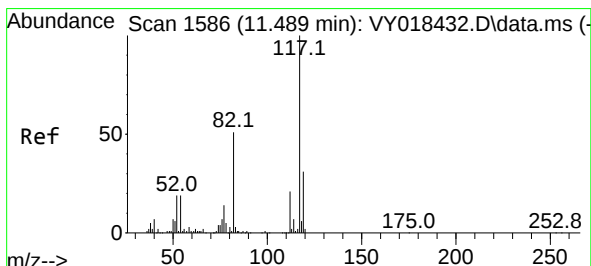
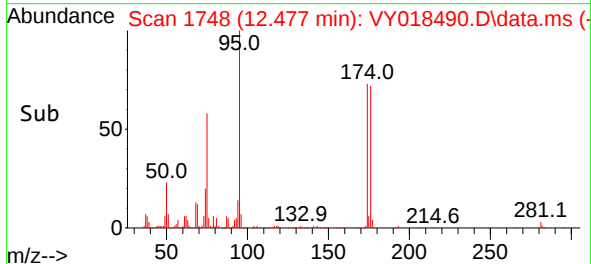
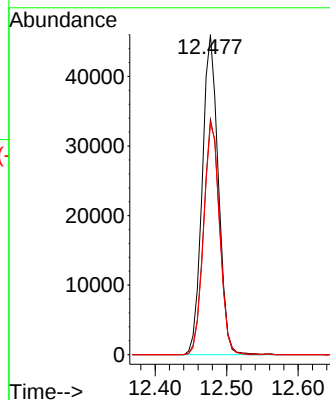
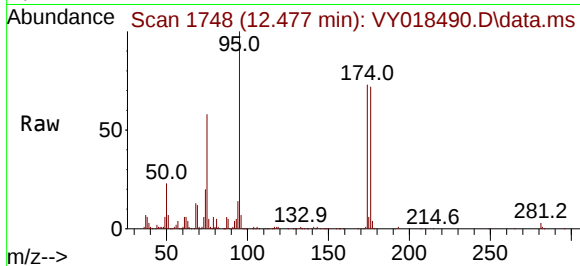




#62
4-Bromofluorobenzene
Concen: 39.158 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018490.D
Acq: 05 Jun 2024 17:25

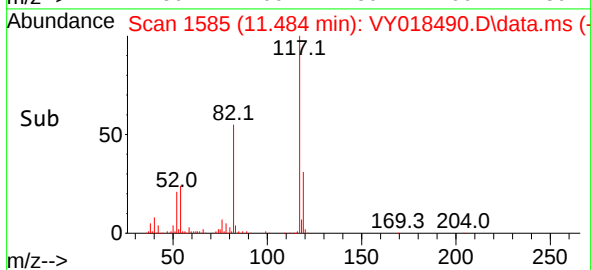
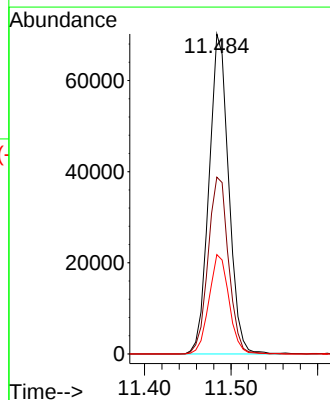
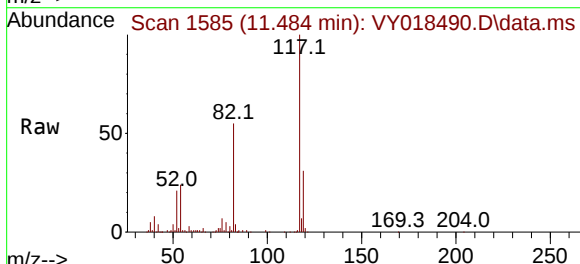
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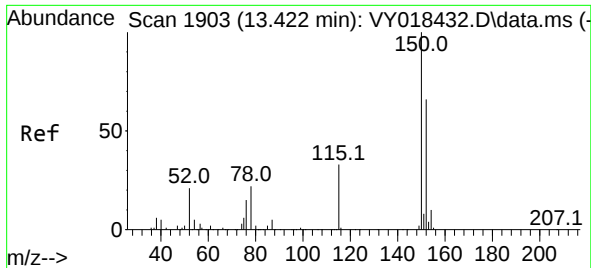
Tgt Ion: 95 Resp: 71763
Ion Ratio Lower Upper
95 100
174 73.5 0.0 175.6
176 72.1 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.484 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY018490.D
Acq: 05 Jun 2024 17:25

Tgt Ion: 117 Resp: 110725
Ion Ratio Lower Upper
117 100
82 55.2 42.4 63.6
119 31.1 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: VY018490.D

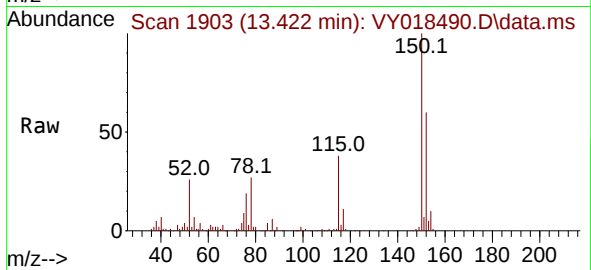
Acq: 05 Jun 2024 17:25

Instrument :

MSVOA_Y

ClientSampleId :

TPO-VOC



Tgt Ion:152 Resp: 41015

Ion Ratio Lower Upper

152 100

115 60.4 28.2 84.7

150 159.3 0.0 345.6

