

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042324\
 Data File : VY018024.D
 Acq On : 23 Apr 2024 15:02
 Operator : SY/MD
 Sample : P2244-02
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC

Quant Time: Apr 24 01:14:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 2024
 Response via : Initial Calibration

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

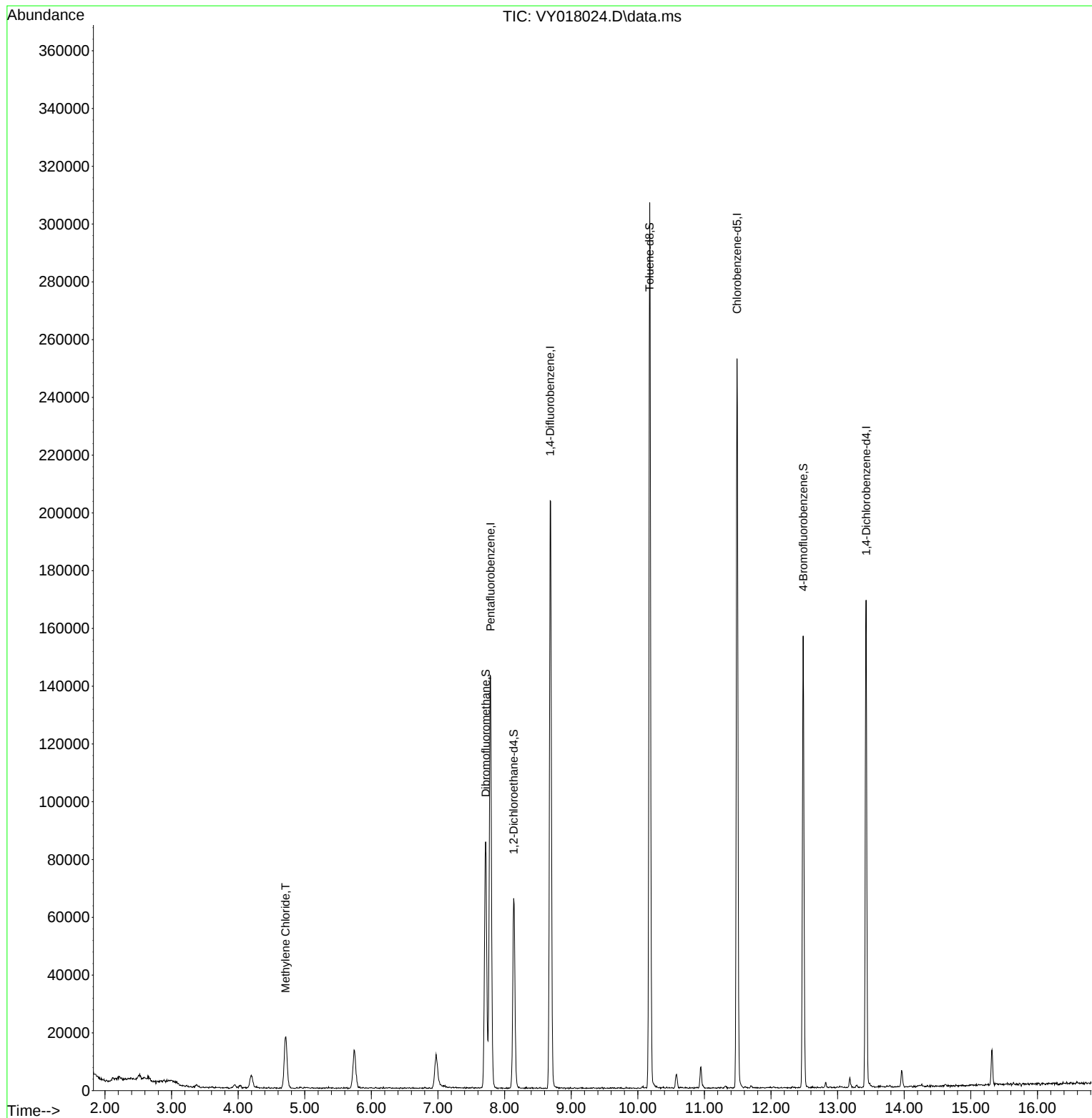
Internal Standards						
1) Pentafluorobenzene	7.789	168	118104	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	188673	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	149457	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	47194	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	51483	50.373	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.740%	
35) Dibromofluoromethane	7.716	113	61392	52.742	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.480%	
50) Toluene-d8	10.179	98	210403	47.637	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 95.280%	
62) 4-Bromofluorobenzene	12.483	95	46442	33.951	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 67.900%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.710	84	14340	10.481	ug/l	96

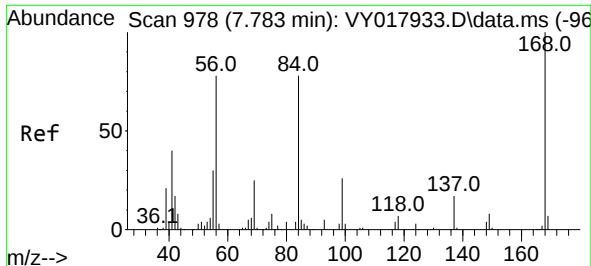
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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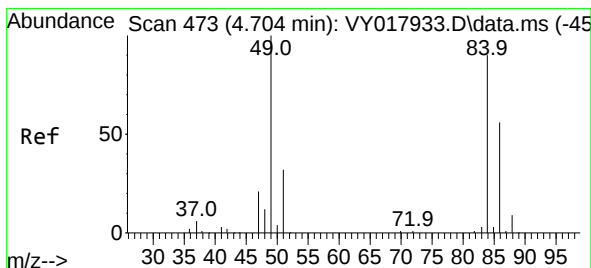
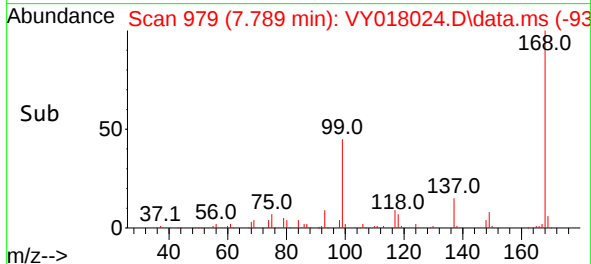
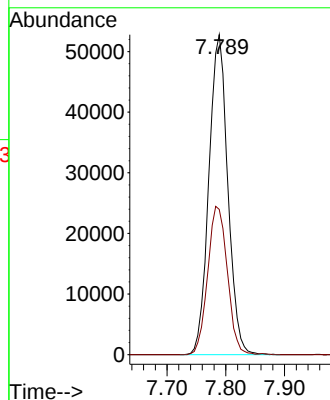
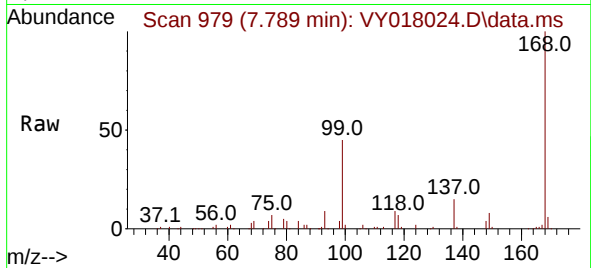




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018024.D
Acq: 23 Apr 2024 15:02

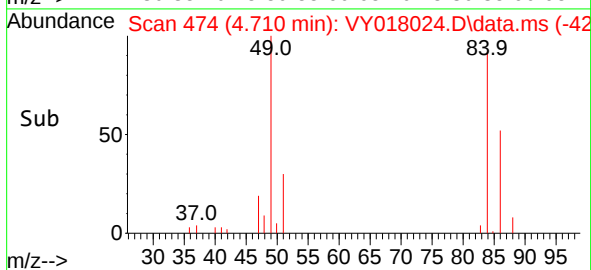
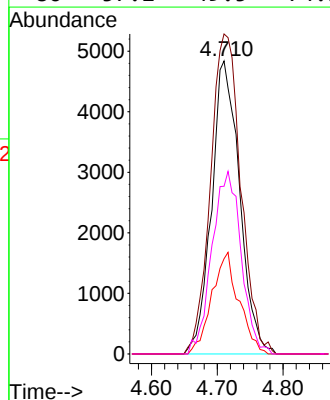
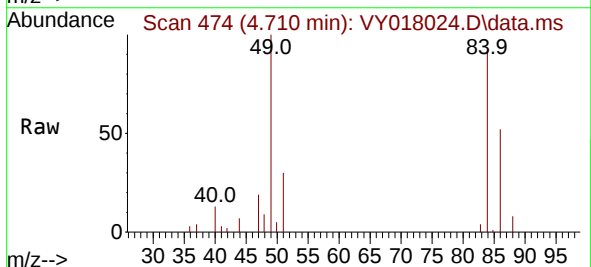
Instrument :
MSVOA_Y
ClientSampleId :
VOC

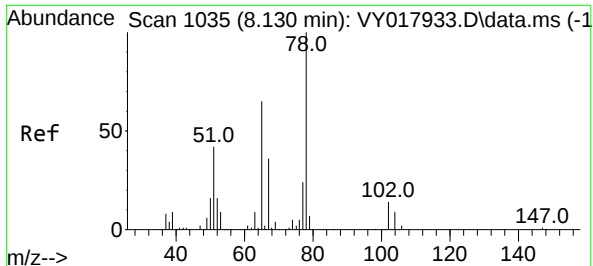
Tgt Ion:168 Resp: 118104
Ion Ratio Lower Upper
168 100
99 45.4 39.1 58.7



#20
Methylene Chloride
Concen: 10.481 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY018024.D
Acq: 23 Apr 2024 15:02

Tgt Ion: 84 Resp: 14340
Ion Ratio Lower Upper
84 100
49 109.2 84.4 126.6
51 32.5 26.0 39.0
86 57.2 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 50.373 ug/l

RT: 8.136 min Scan# 1035

Delta R.T. -0.006 min

Lab File: VY018024.D

Acq: 23 Apr 2024 15:02

Instrument :

MSVOA_Y

ClientSampleId :

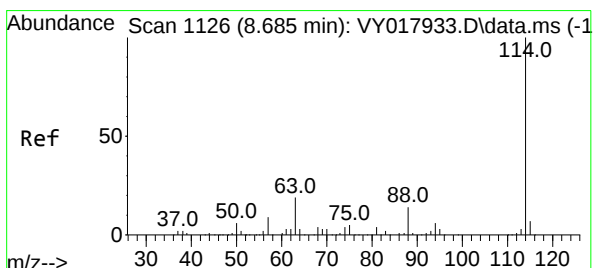
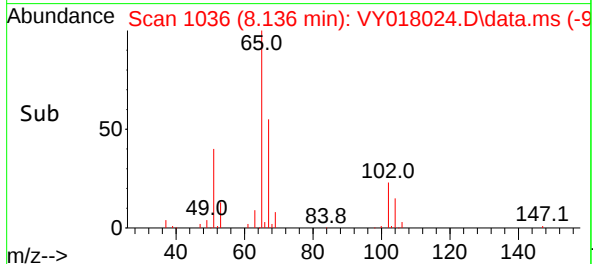
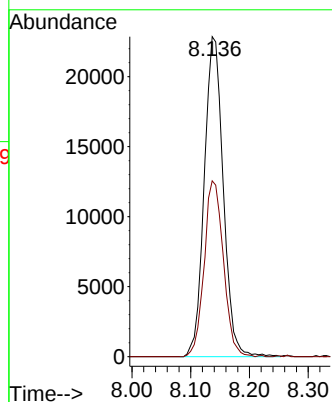
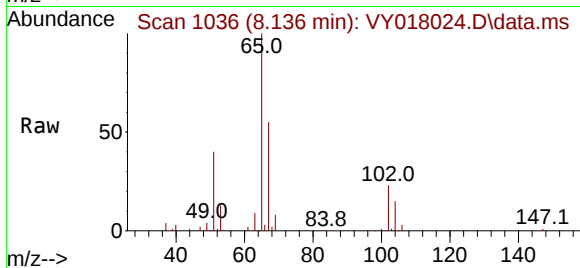
VOC

Tgt Ion: 65 Resp: 51483

Ion Ratio Lower Upper

65 100

67 55.5 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY018024.D

Acq: 23 Apr 2024 15:02

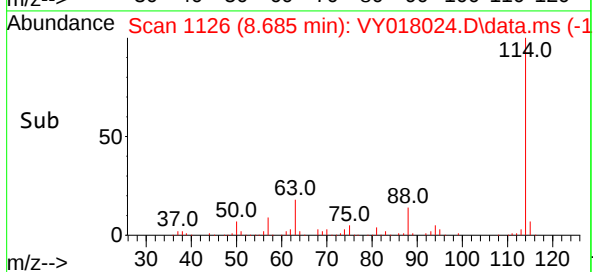
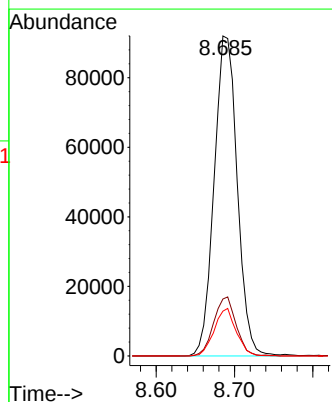
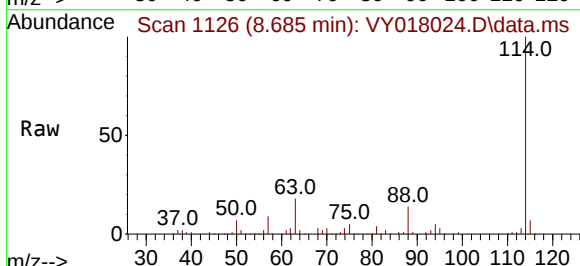
Tgt Ion: 114 Resp: 188673

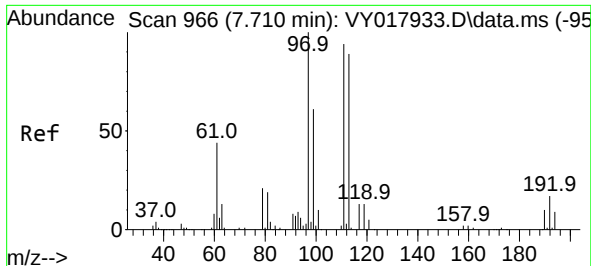
Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.0

88 14.0 0.0 27.2





#35

Dibromofluoromethane

Concen: 52.742 ug/l

RT: 7.716 min Scan# 9

Delta R.T. -0.006 min

Lab File: VY018024.D

Acq: 23 Apr 2024 15:02

Instrument :

MSVOA_Y

ClientSampleId :

VOC

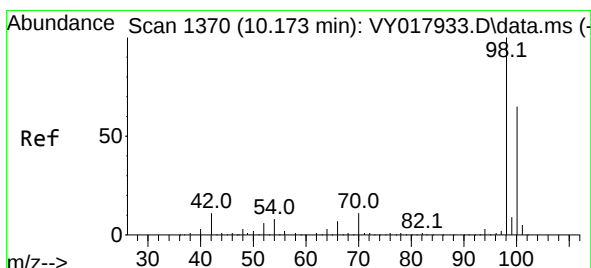
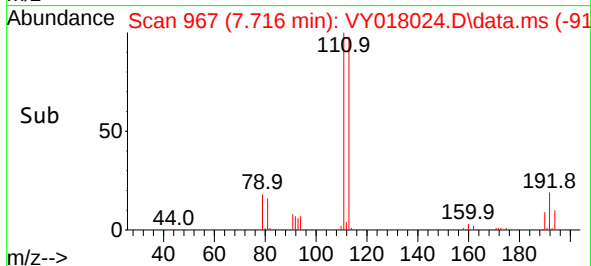
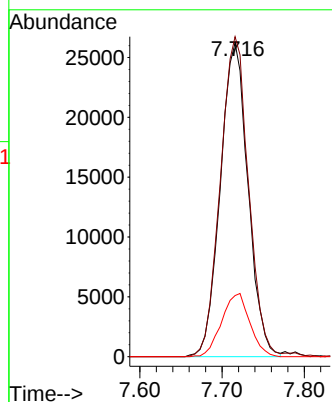
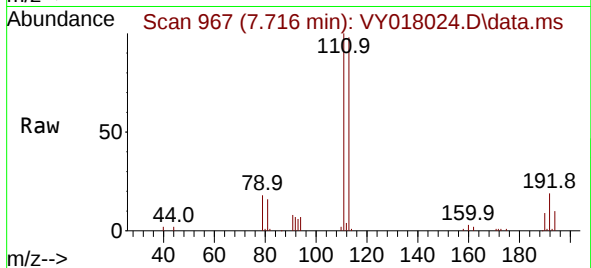
Tgt Ion:113 Resp: 61392

Ion Ratio Lower Upper

113 100

111 104.3 82.2 123.4

192 20.5 15.9 23.9



#50

Toluene-d8

Concen: 47.637 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY018024.D

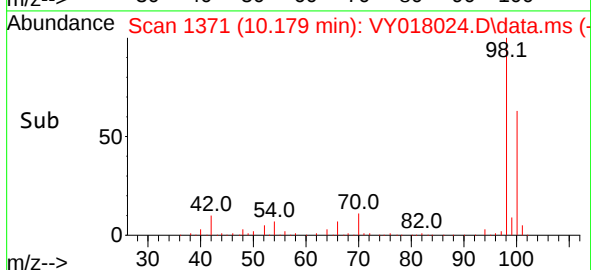
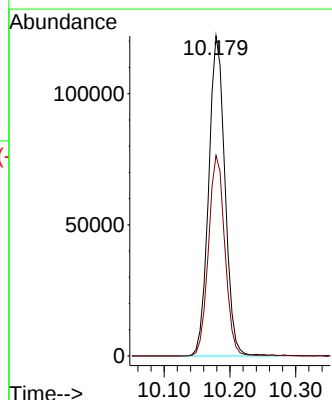
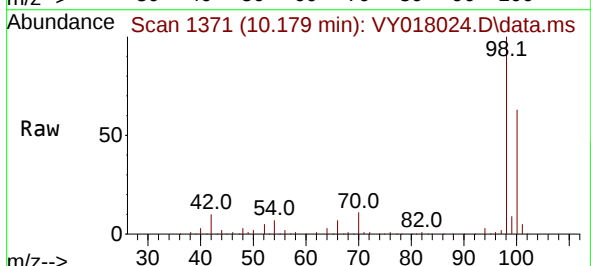
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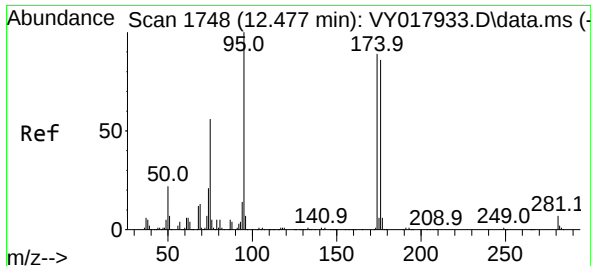
Tgt Ion: 98 Resp: 210403

Ion Ratio Lower Upper

98 100

100 63.1 52.0 78.0

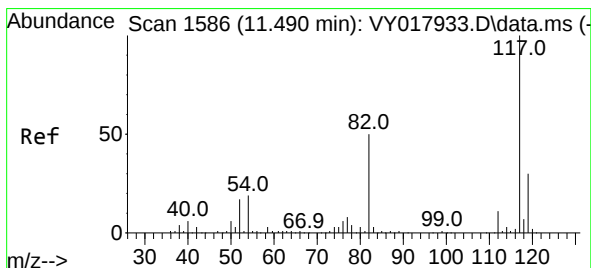
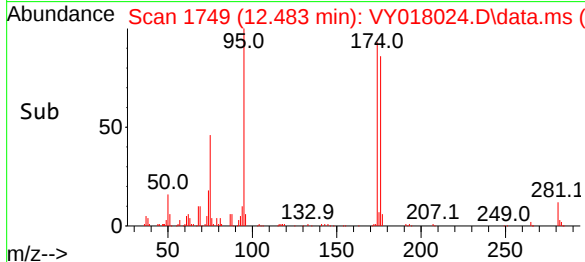
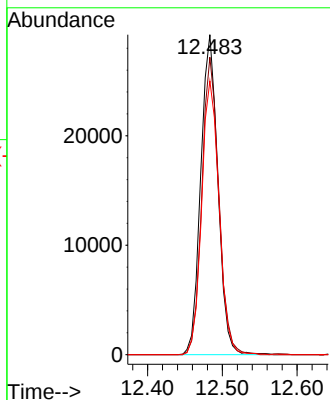
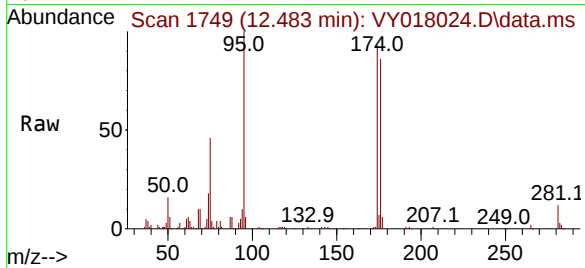




#62
4-Bromofluorobenzene
Concen: 33.951 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY018024.D
Acq: 23 Apr 2024 15:02

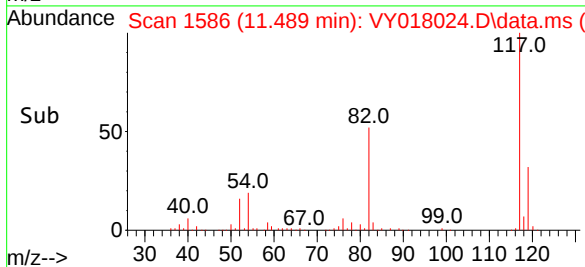
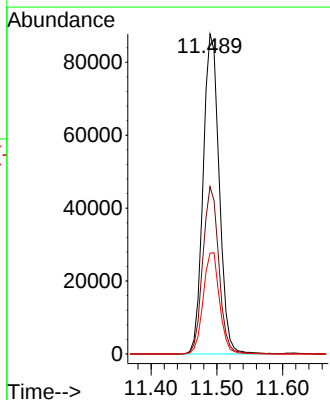
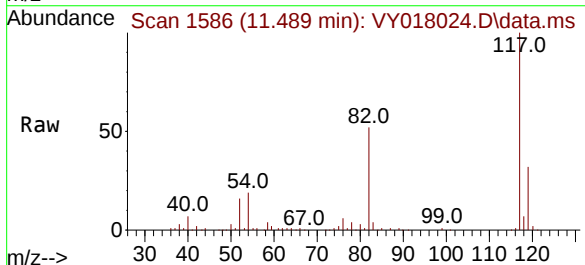
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VOC

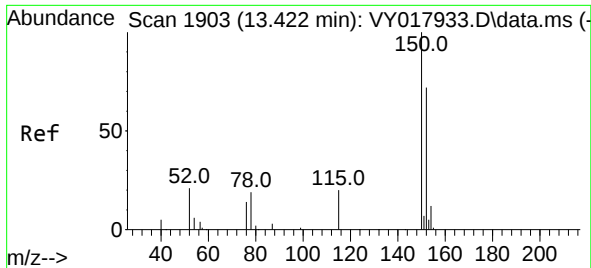
Tgt Ion: 95 Resp: 46442
Ion Ratio Lower Upper
95 100
174 92.5 0.0 175.6
176 87.2 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY018024.D
Acq: 23 Apr 2024 15:02

Tgt Ion: 117 Resp: 149457
Ion Ratio Lower Upper
117 100
82 52.3 42.4 63.6
119 31.5 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY018024.D

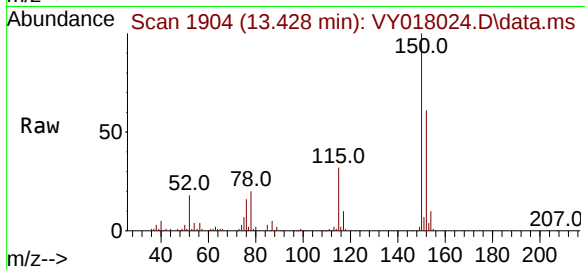
Acq: 23 Apr 2024 15:02

Instrument :

MSVOA_Y

ClientSampleId :

VOC



Tgt Ion:152 Resp: 47194

Ion Ratio Lower Upper

152 100

115 54.0 28.2 84.7

150 156.8 0.0 345.6

