

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051324\
 Data File : VY018248.D
 Acq On : 13 May 2024 17:47
 Operator : SY/MD
 Sample : P2468-03
 Misc : 5.62g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC-MH-II

Quant Time: May 14 02:31:11 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)

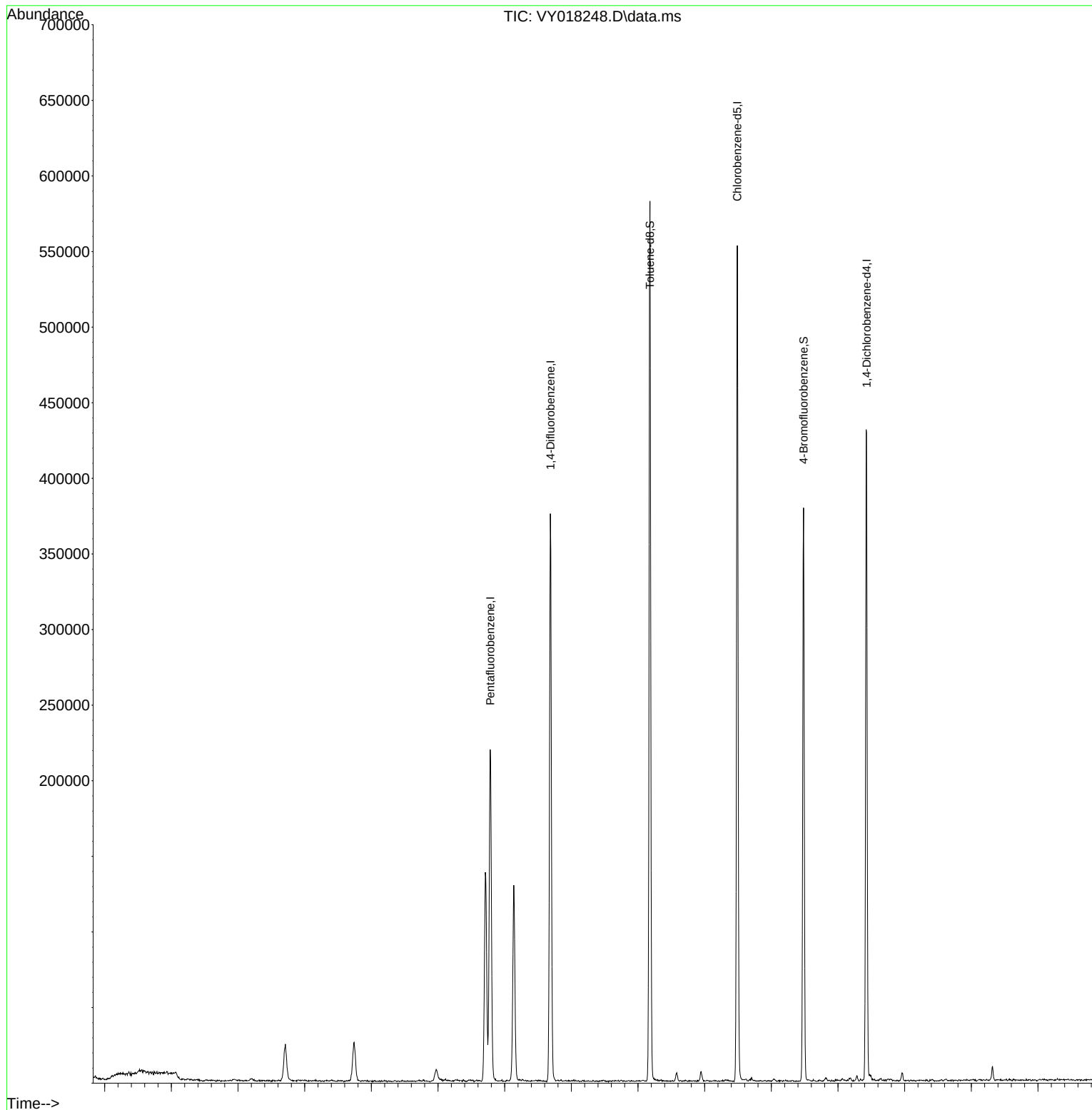
Internal Standards						
1) Pentafluorobenzene	7.783	168	175293	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	337236	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	309161	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	118676	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	92841	71.993	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	143.980%
35) Dibromofluoromethane	7.710	113	100458	56.681	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.360%
50) Toluene-d8	10.179	98	383188	54.866	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	109.740%
62) 4-Bromofluorobenzene	12.483	95	118946	52.737	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	105.480%
Target Compounds						
20) Methylene Chloride	4.710	84	18642	10.249	ug/l	Qvalue 96

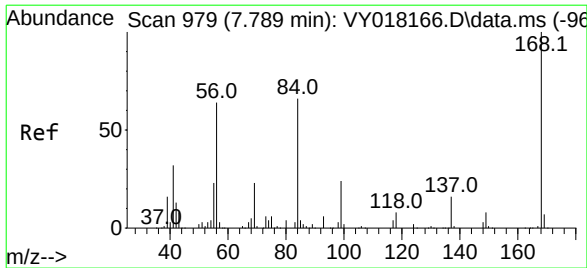
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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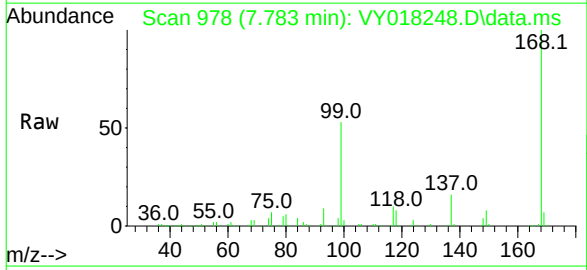
Quant Time: May 14 02:31:11 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
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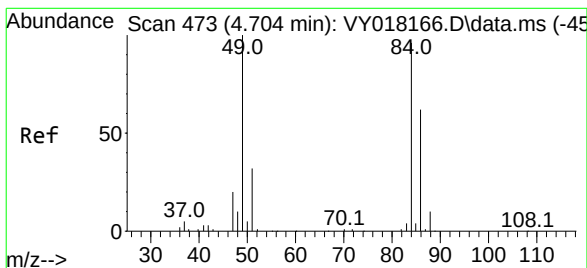
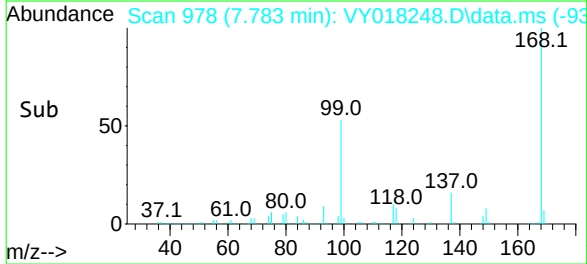
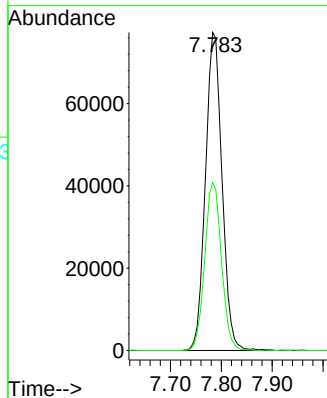


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 97
Delta R.T. -0.006 min
Lab File: VY018248.D
Acq: 13 May 2024 17:47

Instrument :
MSVOA_Y
ClientSampleId :
VOC-MH-II

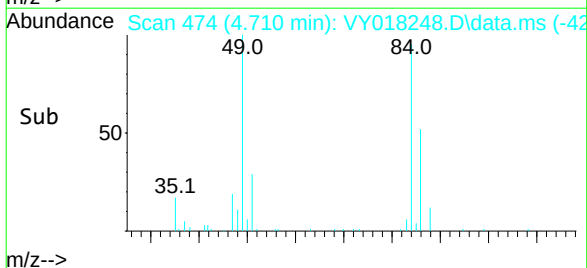
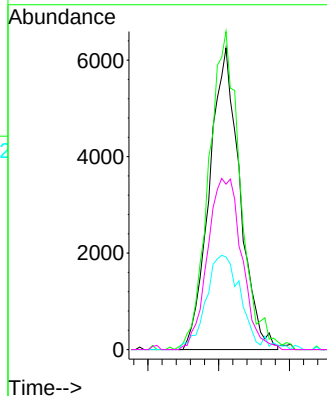
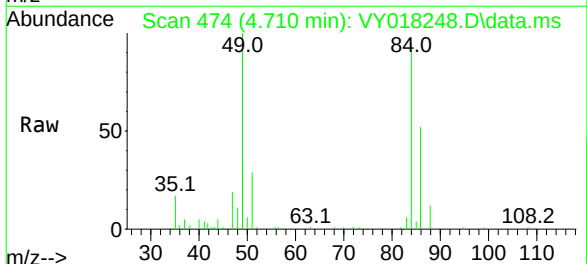


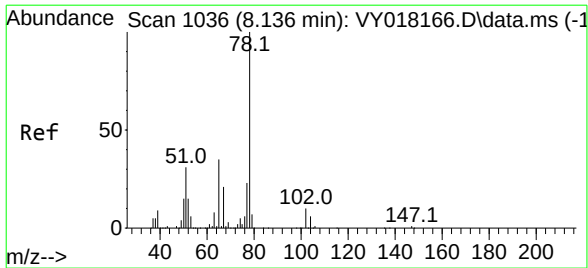
Tgt Ion:168 Resp: 175293
Ion Ratio Lower Upper
168 100
99 52.8 39.1 58.7



#20
Methylene Chloride
Concen: 10.249 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY018248.D
Acq: 13 May 2024 17:47

Tgt Ion: 84 Resp: 18642
Ion Ratio Lower Upper
84 100
49 104.6 84.4 126.6
51 30.7 26.0 39.0
86 54.8 49.5 74.3

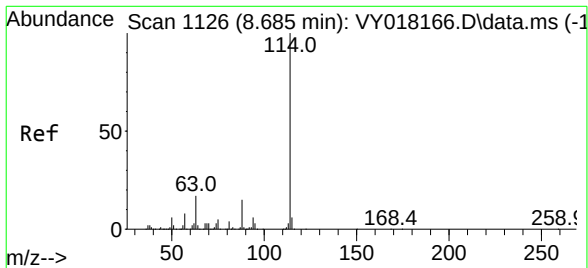
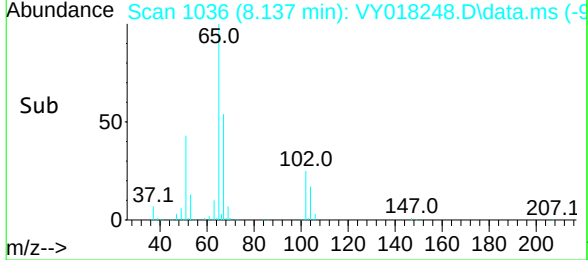
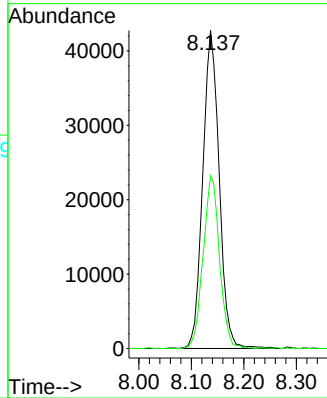
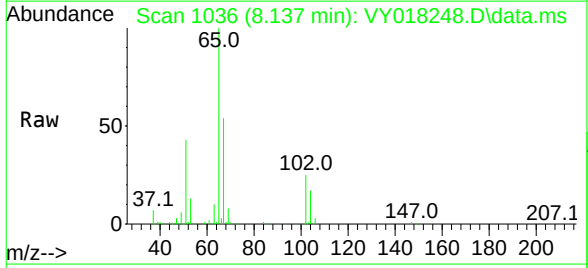




#33
1,2-Dichloroethane-d4
Concen: 71.993 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY018248.D
Acq: 13 May 2024 17:47

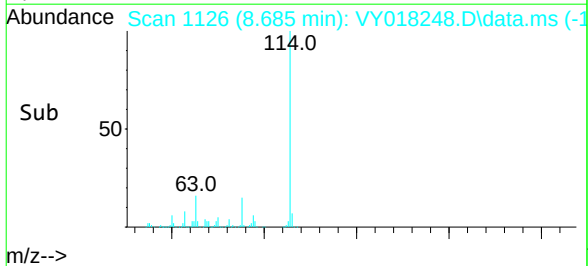
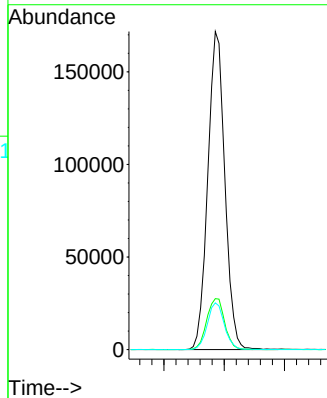
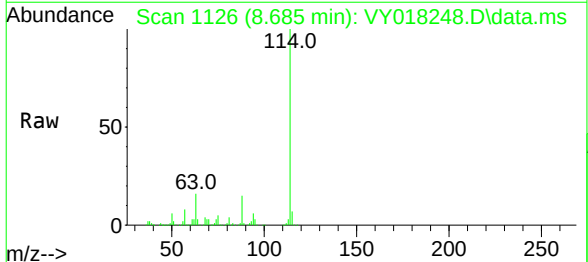
Instrument :
MSVOA_Y
ClientSampleId :
VOC-MH-II

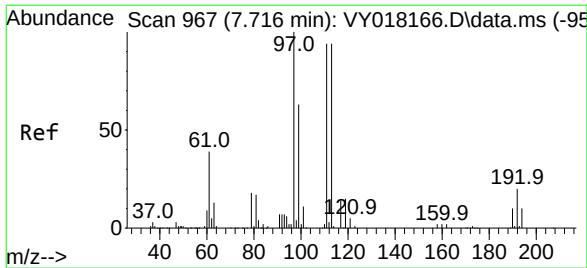
Tgt Ion: 65 Resp: 92841
Ion Ratio Lower Upper
65 100
67 54.3 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY018248.D
Acq: 13 May 2024 17:47

Tgt Ion: 114 Resp: 337236
Ion Ratio Lower Upper
114 100
63 16.0 0.0 35.0
88 14.7 0.0 27.2





#35

Dibromofluoromethane

Concen: 56.681 ug/l

RT: 7.710 min Scan# 96

Delta R.T. -0.006 min

Lab File: VY018248.D

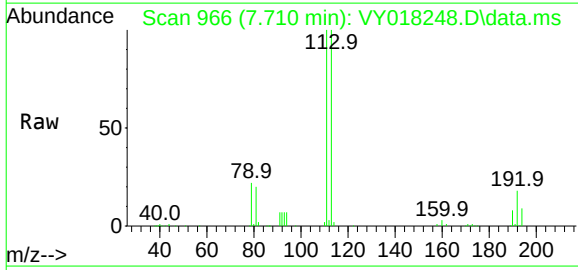
Acq: 13 May 2024 17:47

Instrument :

MSVOA_Y

ClientSampleId :

VOC-MH-II



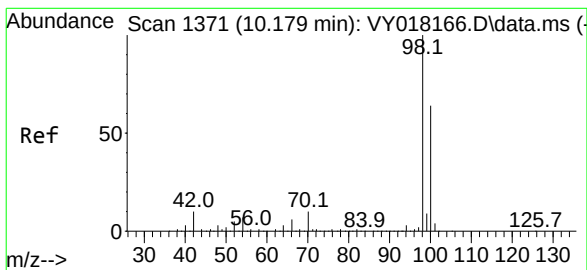
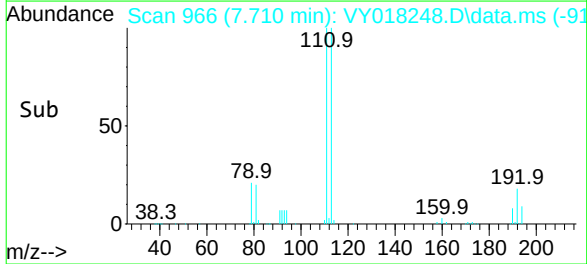
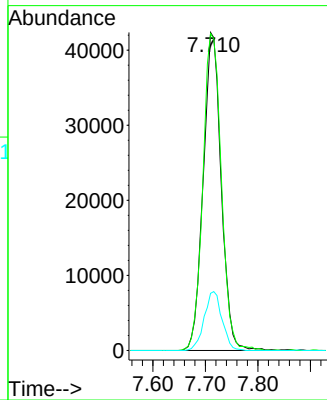
Tgt Ion:113 Resp: 100458

Ion Ratio Lower Upper

113 100

111 102.7 82.2 123.4

192 18.4 15.9 23.9



#50

Toluene-d8

Concen: 54.866 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY018248.D

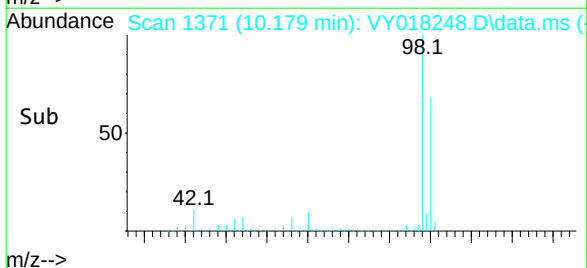
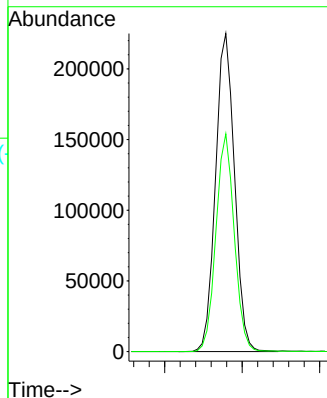
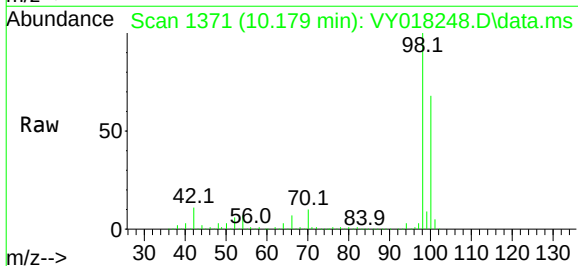
Acq: 13 May 2024 17:47

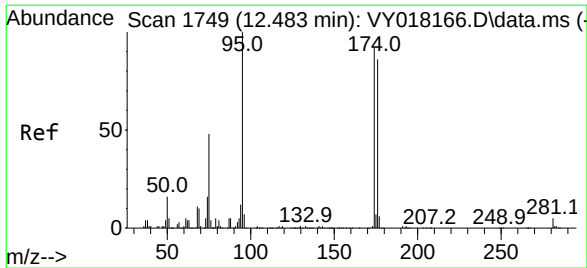
Tgt Ion: 98 Resp: 383188

Ion Ratio Lower Upper

98 100

100 66.2 52.0 78.0

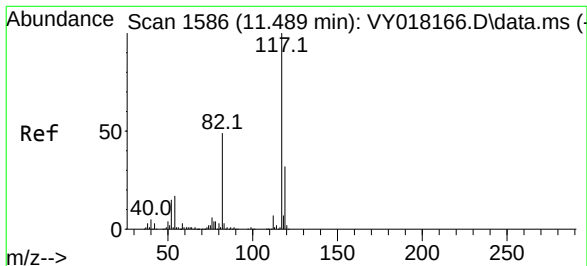
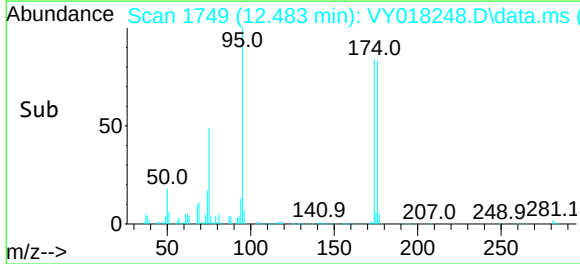
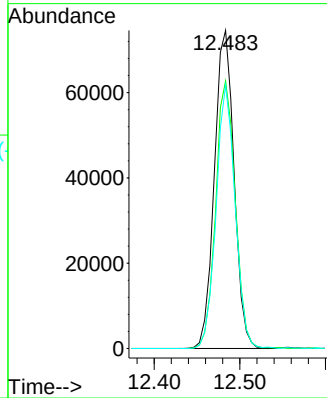
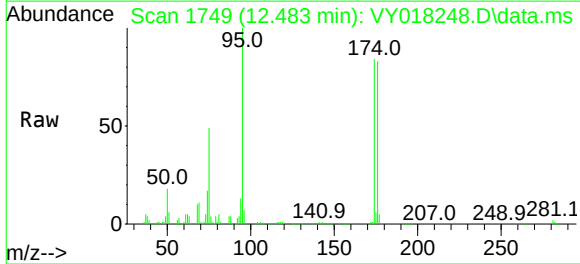




#62
4-Bromofluorobenzene
Concen: 52.737 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY018248.D
Acq: 13 May 2024 17:47

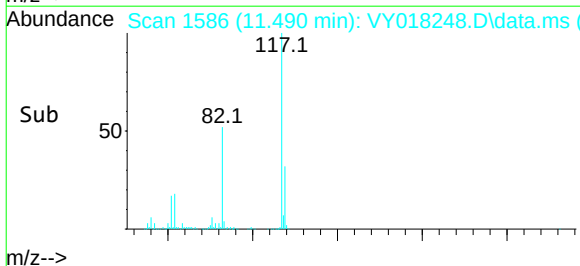
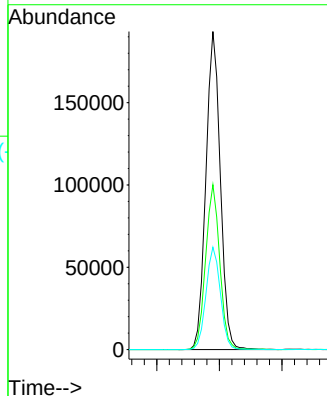
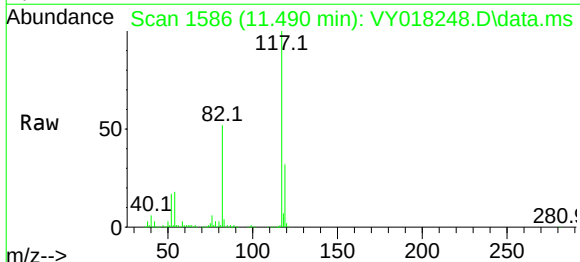
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VOC-MH-II

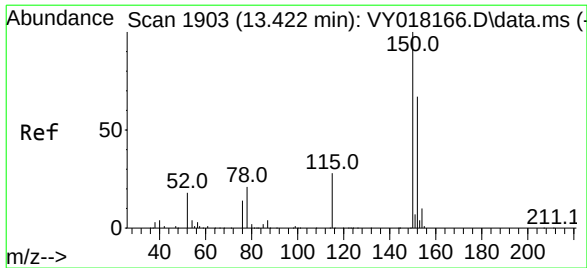
Tgt Ion: 95 Resp: 118946
Ion Ratio Lower Upper
95 100
174 83.9 0.0 175.6
176 80.0 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY018248.D
Acq: 13 May 2024 17:47

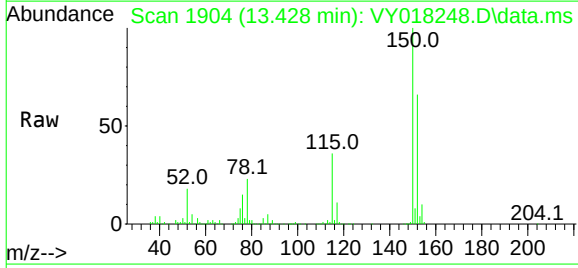
Tgt Ion: 117 Resp: 309161
Ion Ratio Lower Upper
117 100
82 51.9 42.4 63.6
119 32.2 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 19
 Delta R.T. 0.006 min
 Lab File: VY018248.D
 Acq: 13 May 2024 17:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC-MH-II



Tgt Ion:	152	Resp:	118676
Ion	Ratio	Lower	Upper
152	100		
115	55.5	28.2	84.7
150	154.1	0.0	345.6

