

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051324\
 Data File : VY018246.D
 Acq On : 13 May 2024 16:59
 Operator : SY/MD
 Sample : P2470-03
 Misc : 5.96g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WCS-TPG-VOC

Quant Time: May 14 02:30:30 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)

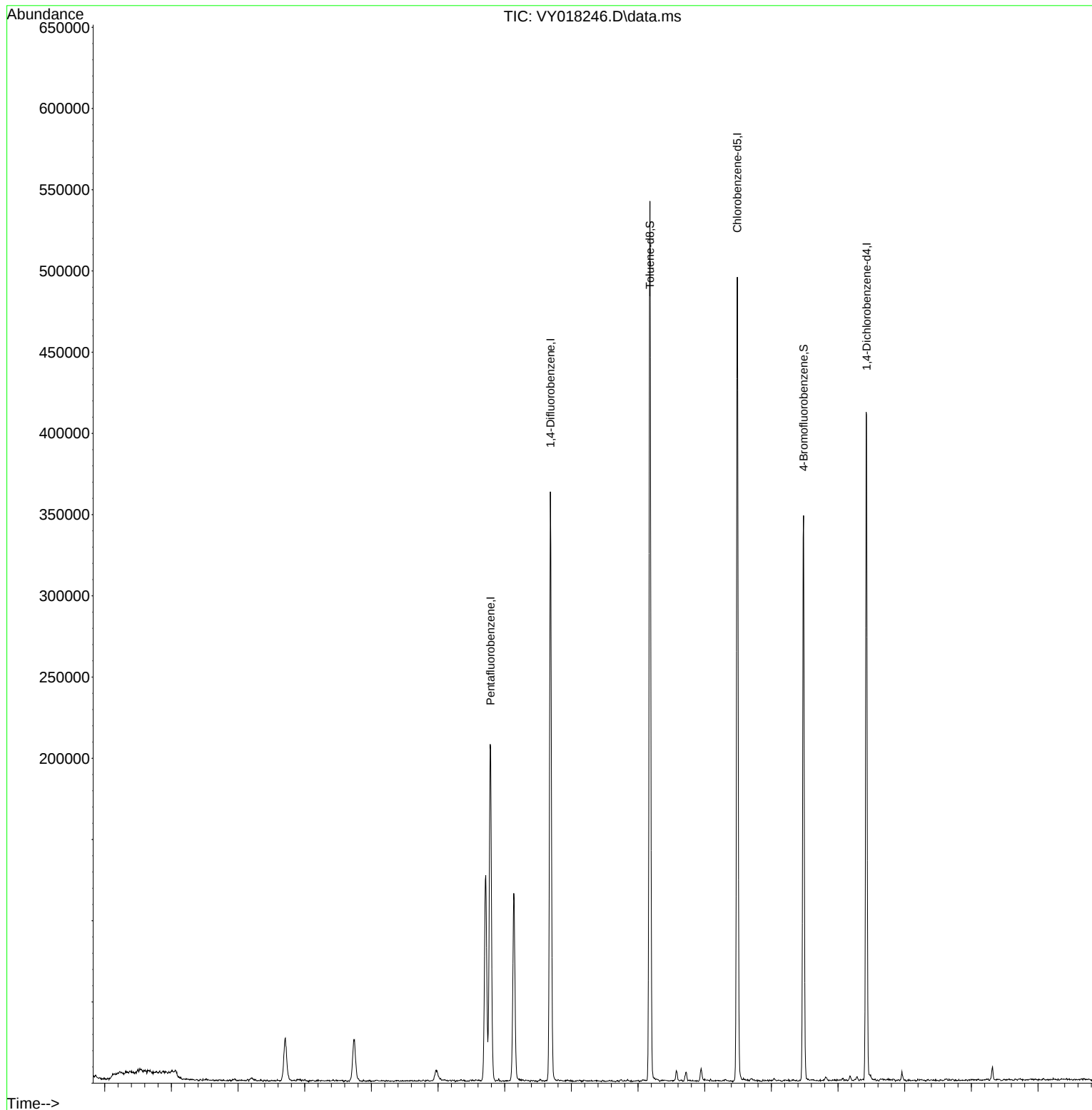
Internal Standards						
1) Pentafluorobenzene	7.789	168	166277	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	318653	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	282855	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	106079	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	83459	68.227	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	136.460%
35) Dibromofluoromethane	7.716	113	93287	55.705	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.400%
50) Toluene-d8	10.179	98	362549	54.938	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	109.880%
62) 4-Bromofluorobenzene	12.483	95	109342	51.306	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	102.620%
Target Compounds						
20) Methylene Chloride	4.704	84	19904	11.536	ug/l	Qvalue 97

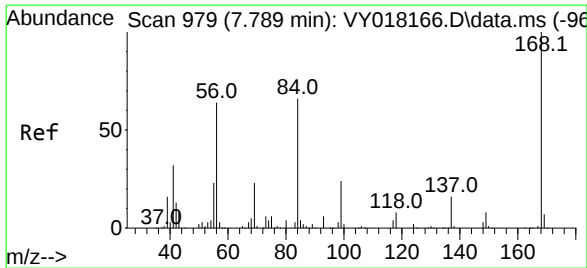
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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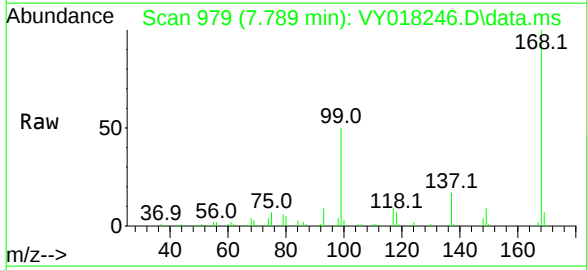
Quant Time: May 14 02:30:30 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
Quant Title : SW846 8260
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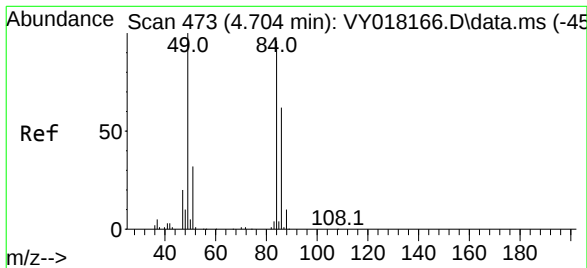
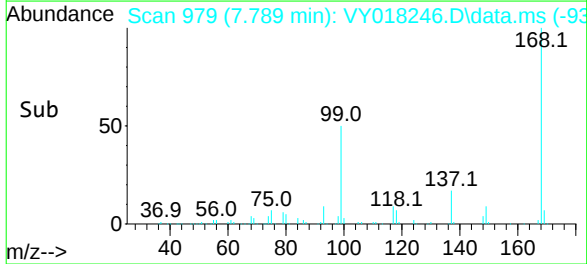
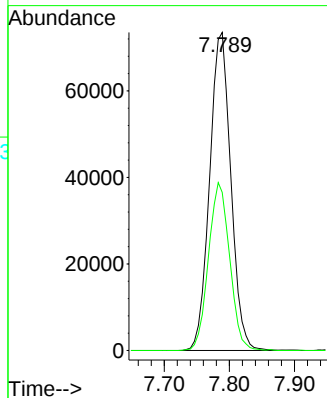


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY018246.D
Acq: 13 May 2024 16:59

Instrument :
MSVOA_Y
ClientSampleId :
WCS-TPG-VOC

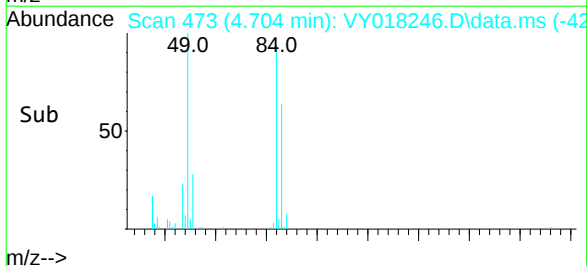
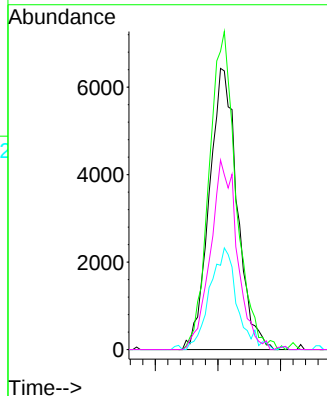
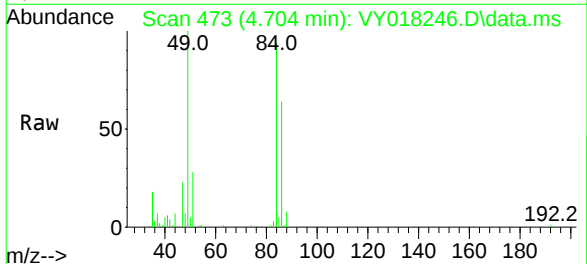


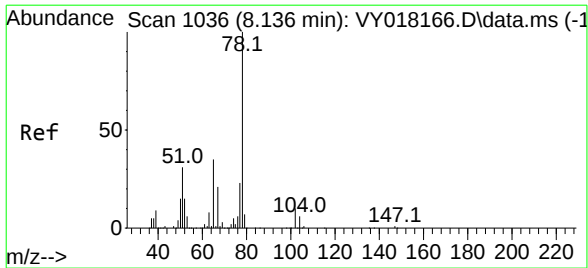
Tgt Ion:168 Resp: 166277
Ion Ratio Lower Upper
168 100
99 49.7 39.1 58.7



#20
Methylene Chloride
Concen: 11.536 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY018246.D
Acq: 13 May 2024 16:59

Tgt Ion: 84 Resp: 19904
Ion Ratio Lower Upper
84 100
49 106.1 84.4 126.6
51 30.0 26.0 39.0
86 67.4 49.5 74.3

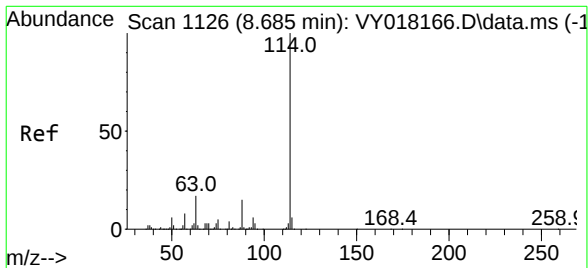
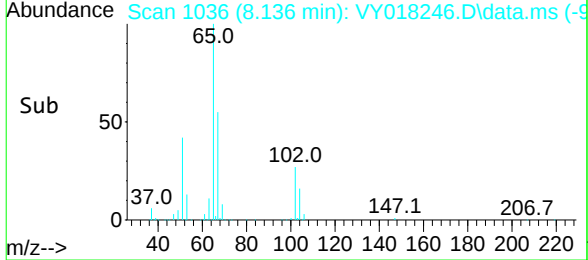
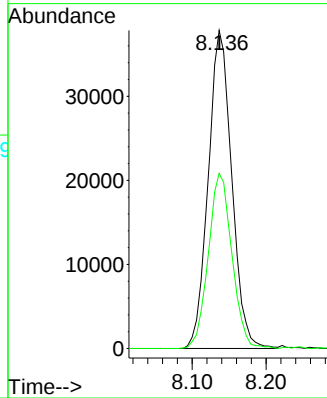
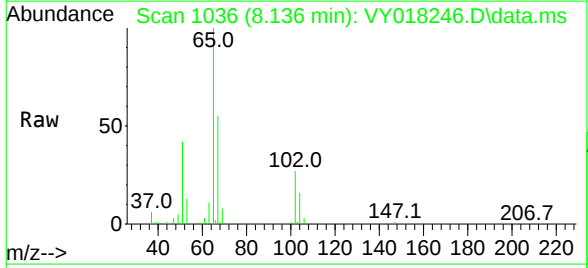




#33
1,2-Dichloroethane-d4
Concen: 68.227 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY018246.D
Acq: 13 May 2024 16:59

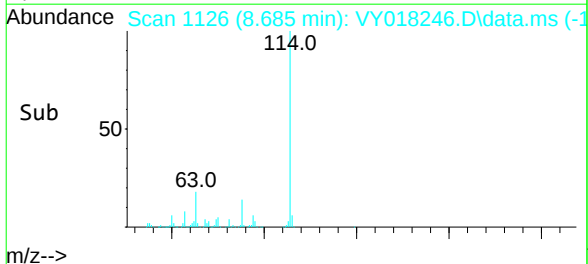
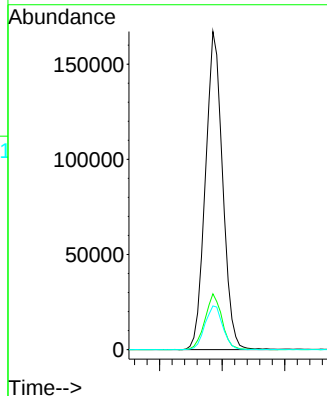
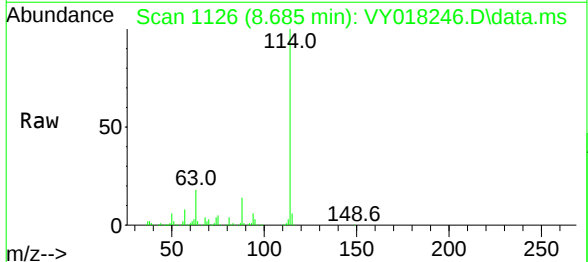
Instrument :
MSVOA_Y
ClientSampleId :
WCS-TPG-VOC

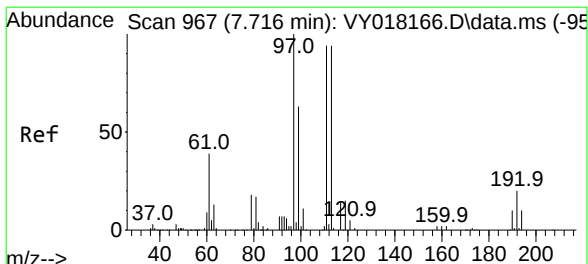
Tgt Ion: 65 Resp: 83459
Ion Ratio Lower Upper
65 100
67 55.3 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY018246.D
Acq: 13 May 2024 16:59

Tgt Ion: 114 Resp: 318653
Ion Ratio Lower Upper
114 100
63 17.5 0.0 35.0
88 13.7 0.0 27.2

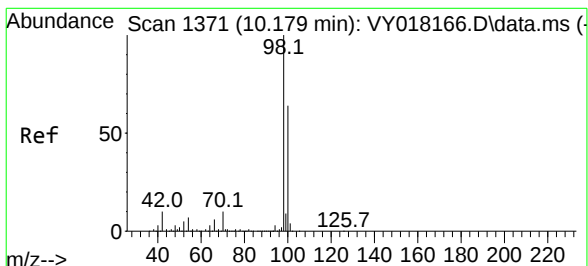
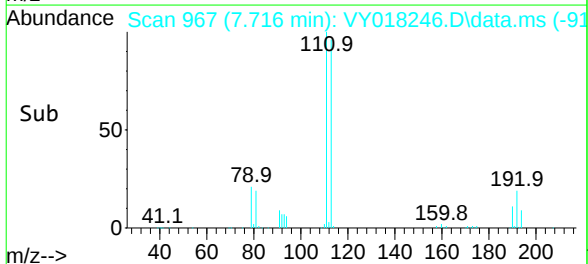
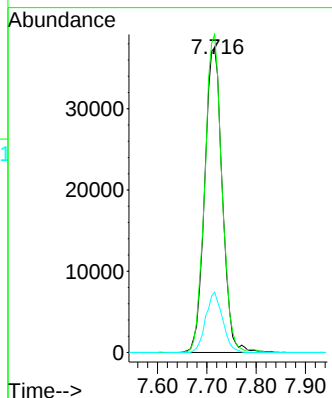
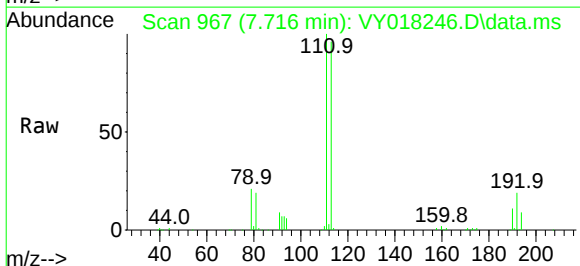




#35
 Dibromofluoromethane
 Concen: 55.705 ug/l
 RT: 7.716 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VY018246.D
 Acq: 13 May 2024 16:59

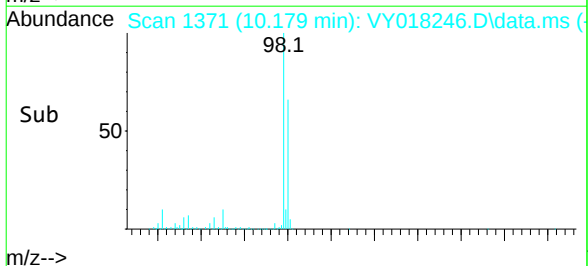
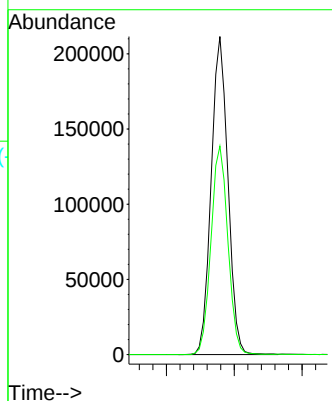
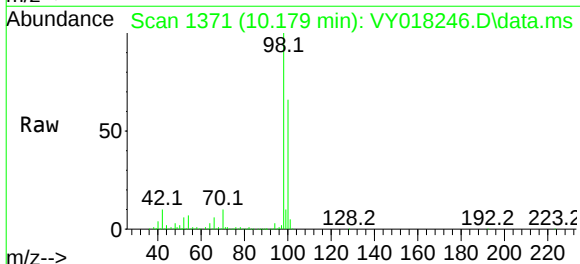
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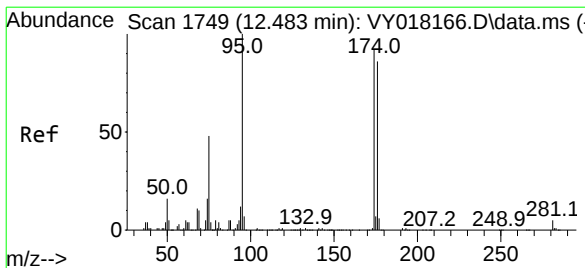
Tgt Ion:	113	Resp:	93287
Ion	Ratio	Lower	Upper
113	100		
111	101.2	82.2	123.4
192	18.9	15.9	23.9



#50
 Toluene-d8
 Concen: 54.938 ug/l
 RT: 10.179 min Scan# 1371
 Delta R.T. 0.000 min
 Lab File: VY018246.D
 Acq: 13 May 2024 16:59

Tgt Ion:	98	Resp:	362549
Ion	Ratio	Lower	Upper
98	100		
100	66.2	52.0	78.0





#62

4-Bromofluorobenzene

Concen: 51.306 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY018246.D

Acq: 13 May 2024 16:59

Instrument :

MSVOA_Y

ClientSampleId :

WCS-TPG-VOC

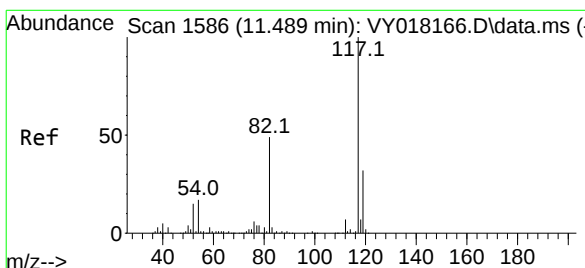
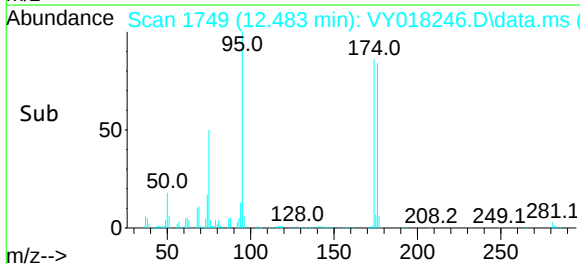
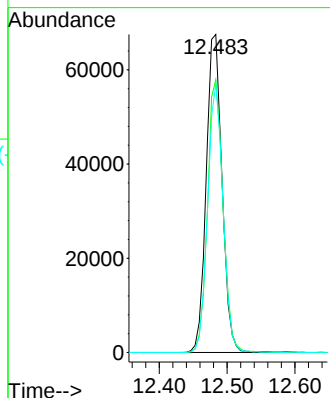
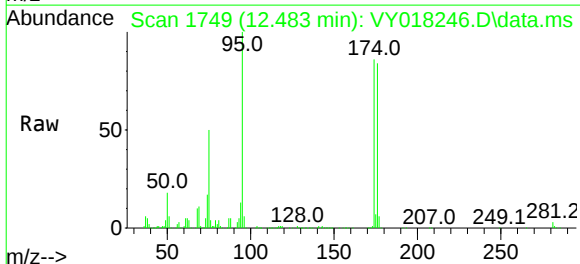
Tgt Ion: 95 Resp: 109342

Ion Ratio Lower Upper

95 100

174 84.0 0.0 175.6

176 82.1 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: VY018246.D

Acq: 13 May 2024 16:59

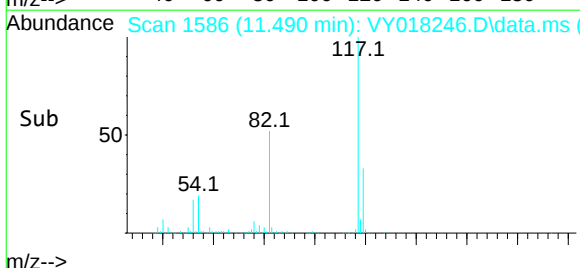
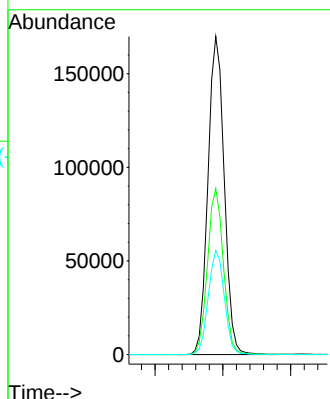
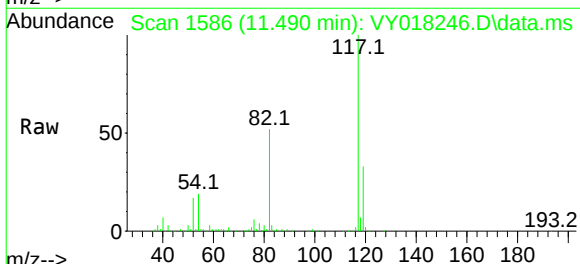
Tgt Ion: 117 Resp: 282855

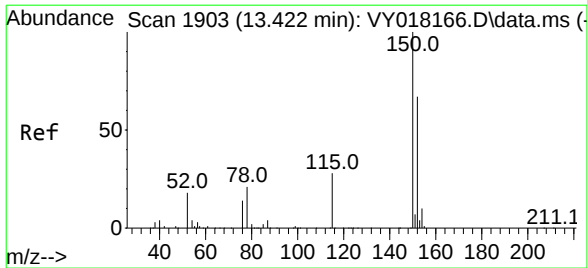
Ion Ratio Lower Upper

117 100

82 52.2 42.4 63.6

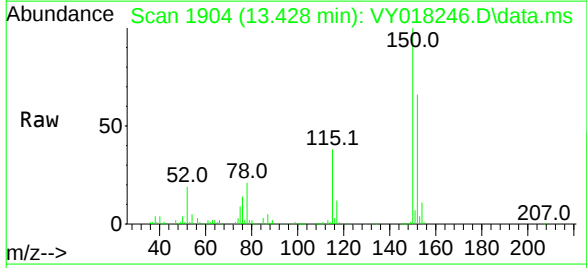
119 32.8 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 19
 Delta R.T. 0.006 min
 Lab File: VY018246.D
 Acq: 13 May 2024 16:59

Instrument :
 MSVOA_Y
 ClientSampleId :
 WCS-TPG-VOC



Tgt Ion:	152	Resp:	106079
Ion	Ratio	Lower	Upper
152	100		
115	61.2	28.2	84.7
150	157.3	0.0	345.6

