

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052324\
 Data File : VY018357.D
 Acq On : 23 May 2024 12:56
 Operator : SY/MD
 Sample : P2539-07
 Misc : 4.56g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WCS-TPP-VOC

Quant Time: May 24 01:15:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 23 01:40:36 2024
 Response via : Initial Calibration

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

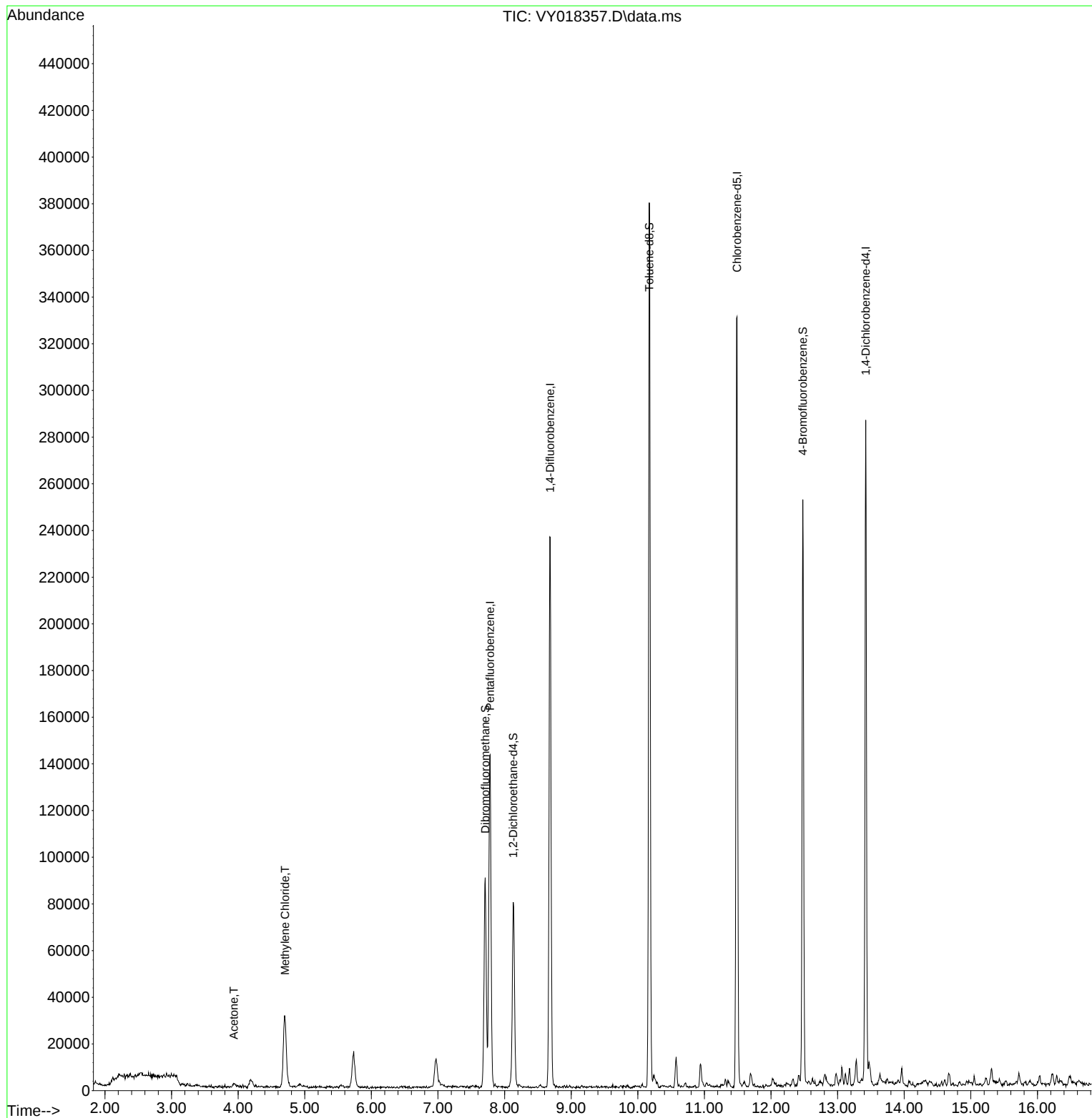
Internal Standards						
1) Pentafluorobenzene	7.783	168	105900	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	211173	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	183457	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	68444	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	58669	58.475	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.960%
35) Dibromofluoromethane	7.710	113	63071	51.217	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.440%
50) Toluene-d8	10.173	98	247691	51.589	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.180%
62) 4-Bromofluorobenzene	12.477	95	73778	49.731	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.460%
Target Compounds						
16) Acetone	3.936	43	2808	13.607	ug/l	96
20) Methylene Chloride	4.704	84	23589	16.622	ug/l	91

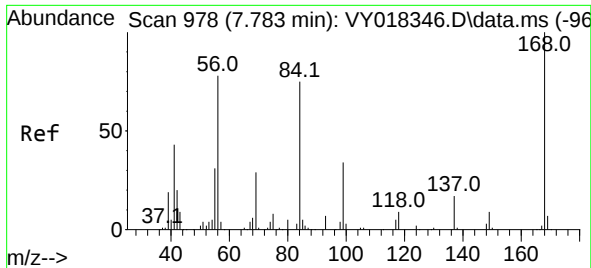
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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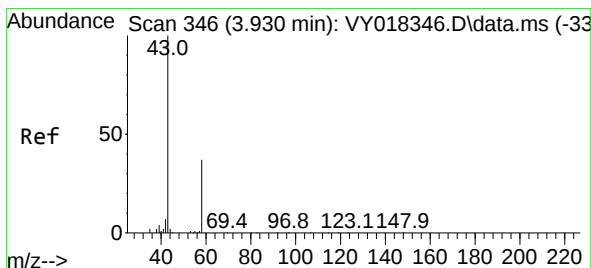
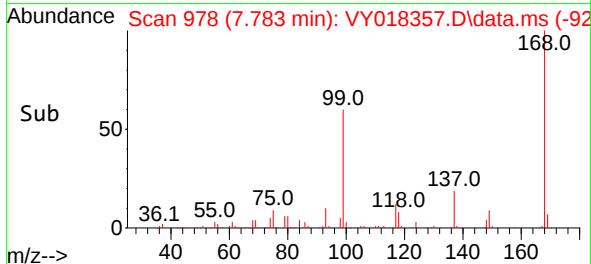
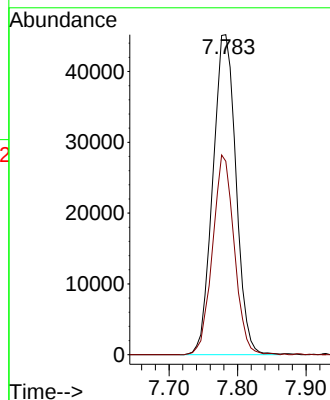
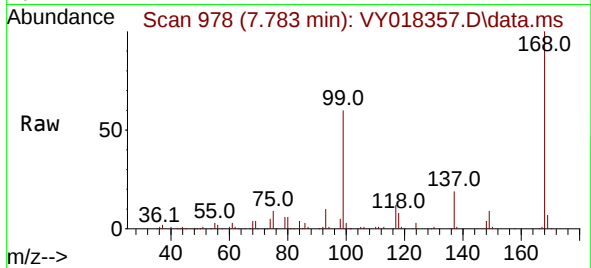




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018357.D
Acq: 23 May 2024 12:56

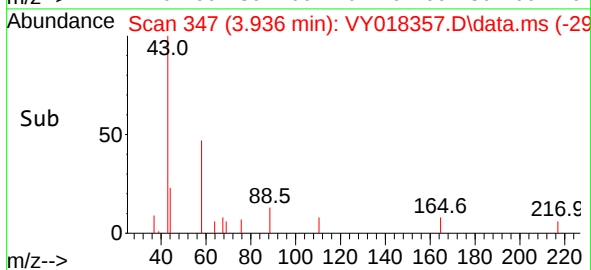
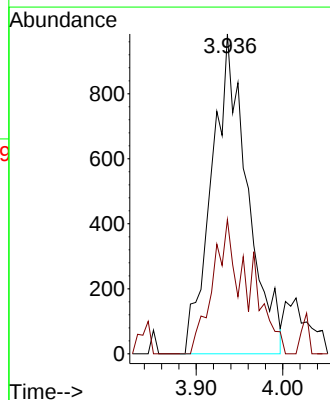
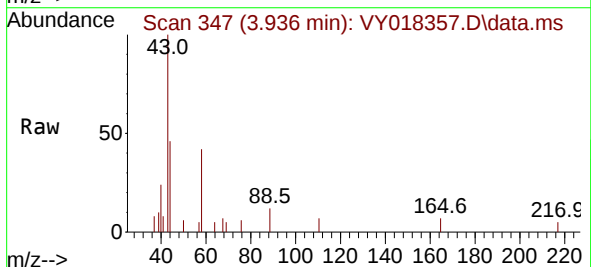
Instrument :
MSVOA_Y
ClientSampleId :
WCS-TPP-VOC

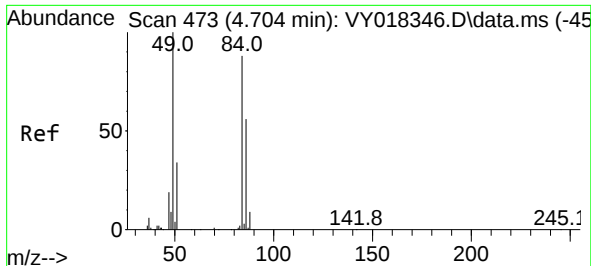
Tgt Ion:168 Resp: 105900
Ion Ratio Lower Upper
168 100
99 60.5 39.1 58.7#



#16
Acetone
Concen: 13.607 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.006 min
Lab File: VY018357.D
Acq: 23 May 2024 12:56

Tgt Ion: 43 Resp: 2808
Ion Ratio Lower Upper
43 100
58 42.0 31.7 47.5

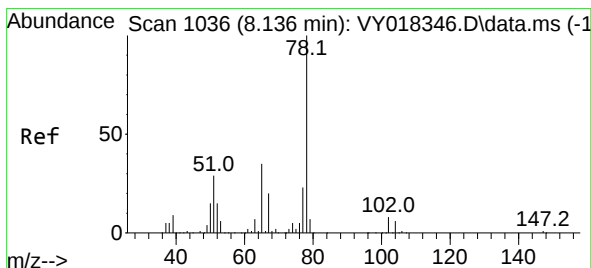
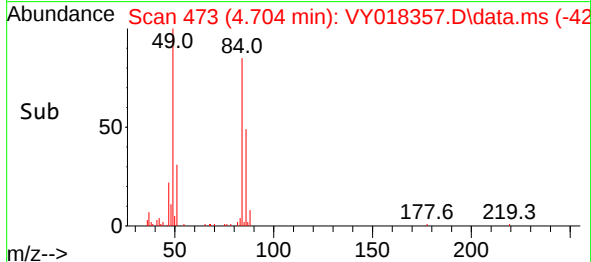
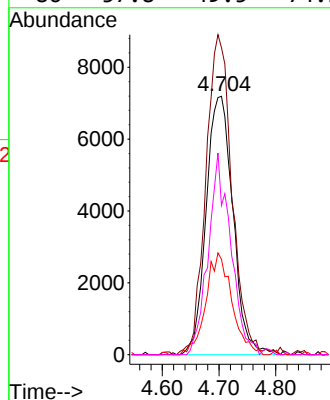
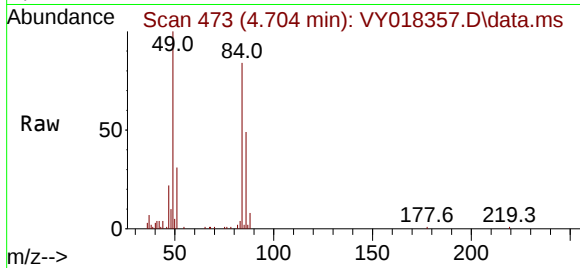




#20
Methylene Chloride
Concen: 16.622 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY018357.D
Acq: 23 May 2024 12:56

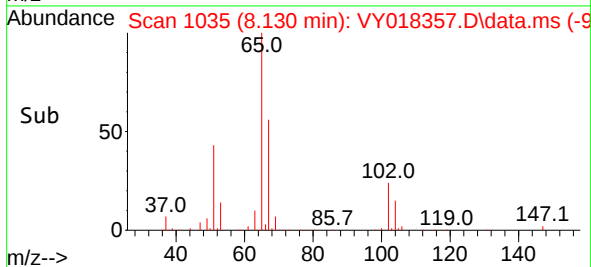
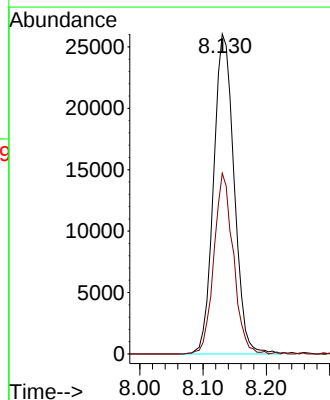
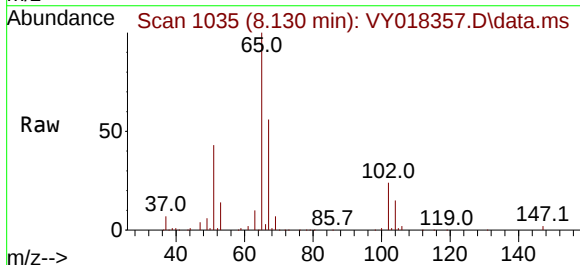
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MSVOA_Y
ClientSampleId :
WCS-TPP-VOC

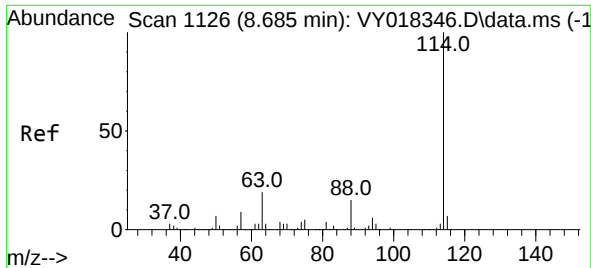
Tgt Ion:	84	Resp:	23589
Ion	Ratio	Lower	Upper
84	100		
49	117.6	84.4	126.6
51	36.9	26.0	39.0
86	57.8	49.5	74.3



#33
1,2-Dichloroethane-d4
Concen: 58.475 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY018357.D
Acq: 23 May 2024 12:56

Tgt Ion:	65	Resp:	58669
Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	109.6

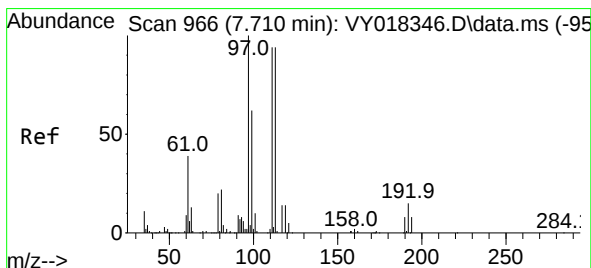
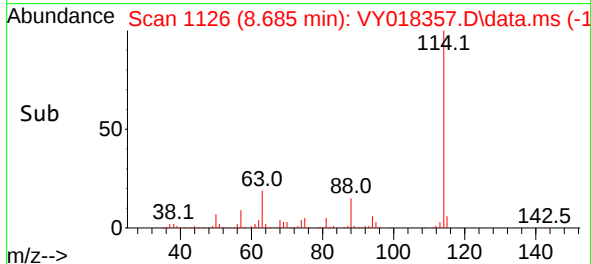
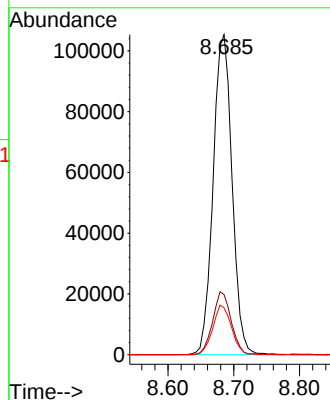
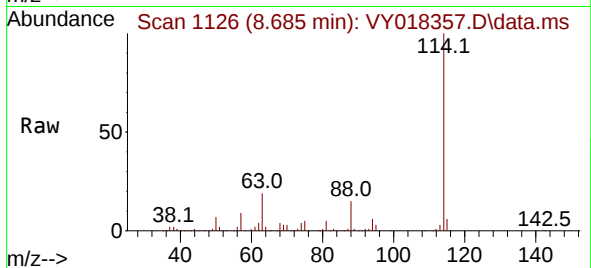




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY018357.D
Acq: 23 May 2024 12:56

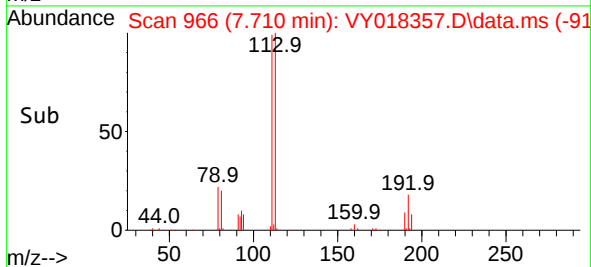
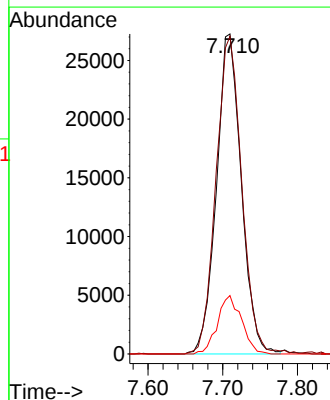
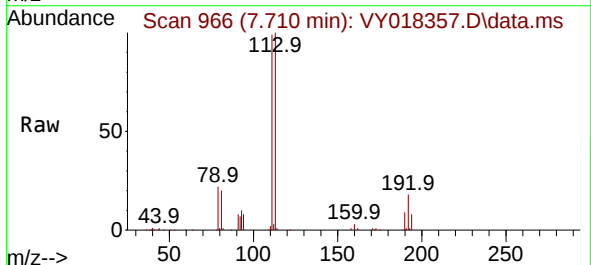
Instrument :
MSVOA_Y
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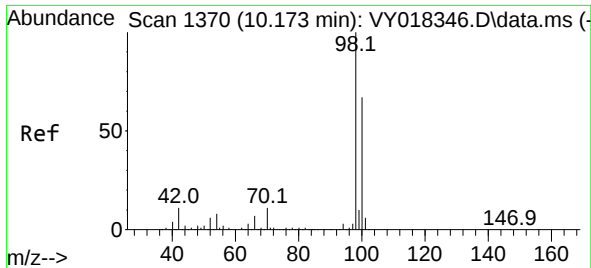
Tgt Ion:114 Resp: 211173
Ion Ratio Lower Upper
114 100
63 18.8 0.0 35.0
88 14.7 0.0 27.2



#35
Dibromofluoromethane
Concen: 51.217 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY018357.D
Acq: 23 May 2024 12:56

Tgt Ion:113 Resp: 63071
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.4
192 17.7 15.9 23.9

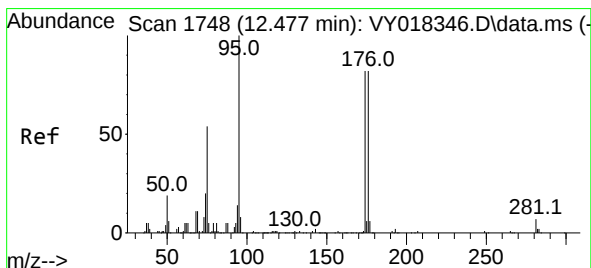
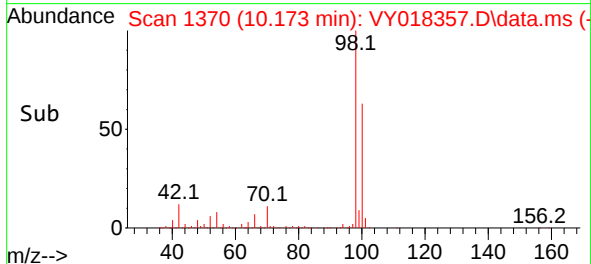
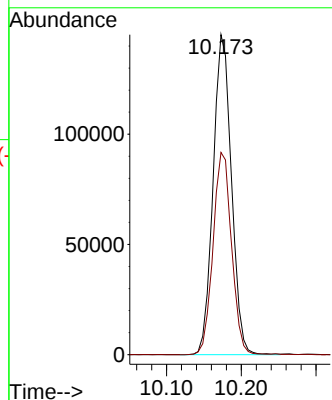
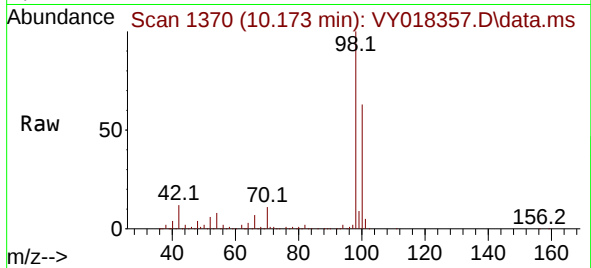




#50
Toluene-d8
Concen: 51.589 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018357.D
Acq: 23 May 2024 12:56

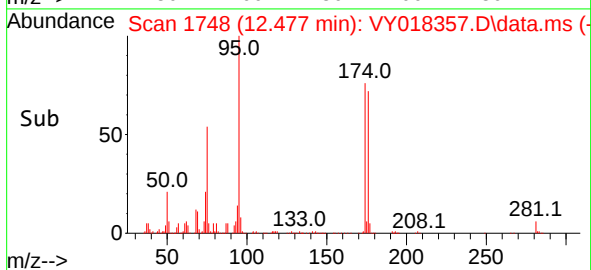
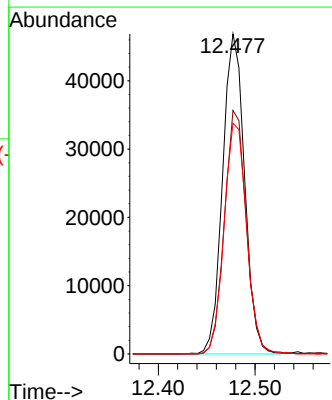
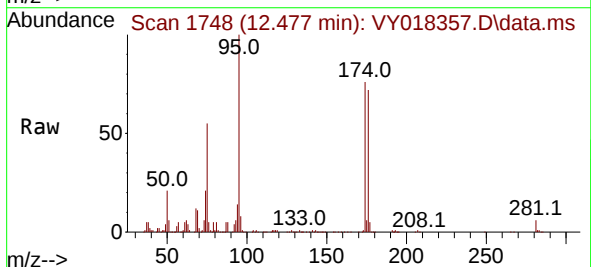
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ClientSampleId :
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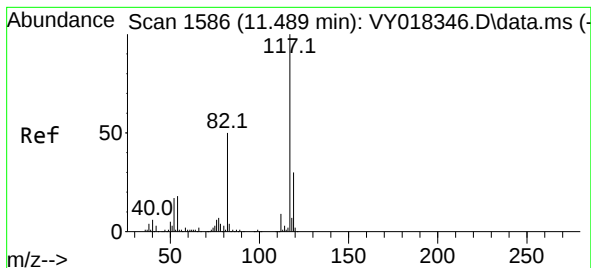
Tgt Ion: 98 Resp: 247691
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 49.731 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018357.D
Acq: 23 May 2024 12:56

Tgt Ion: 95 Resp: 73778
Ion Ratio Lower Upper
95 100
174 75.4 0.0 175.6
176 74.4 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018357.D

Acq: 23 May 2024 12:56

Instrument :

MSVOA_Y

ClientSampleId :

WCS-TPP-VOC

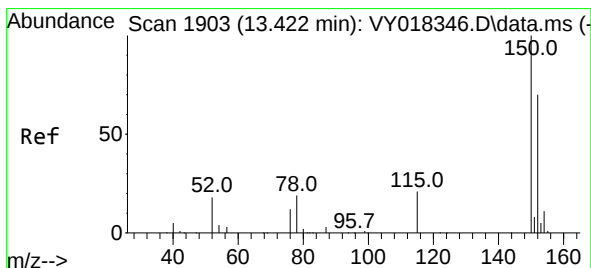
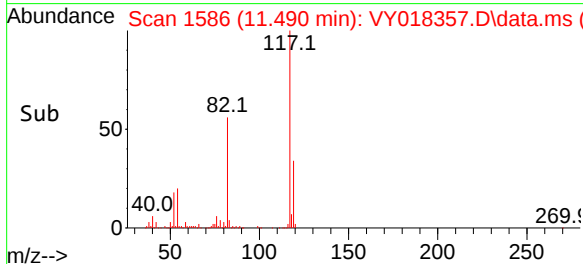
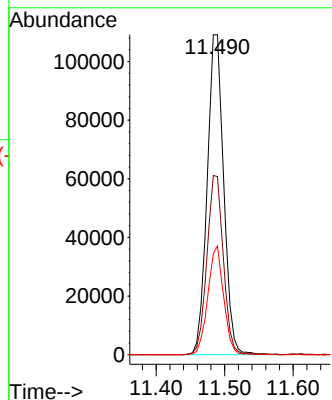
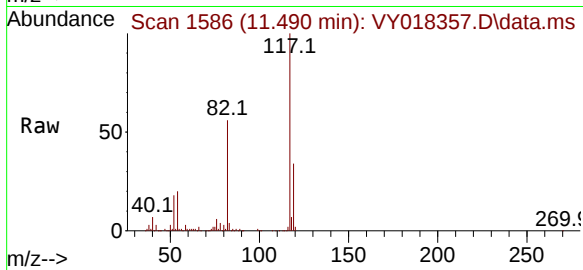
Tgt Ion:117 Resp: 183457

Ion Ratio Lower Upper

117 100

82 55.6 42.4 63.6

119 34.0 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: VY018357.D

Acq: 23 May 2024 12:56

Tgt Ion:152 Resp: 68444

Ion Ratio Lower Upper

152 100

115 62.1 28.2 84.7

150 159.1 0.0 345.6

