

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052024\
 Data File : VY018331.D
 Acq On : 20 May 2024 13:39
 Operator : SY/MD
 Sample : P2518-07
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC-MH-LL

Quant Time: May 21 01:24:17 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)

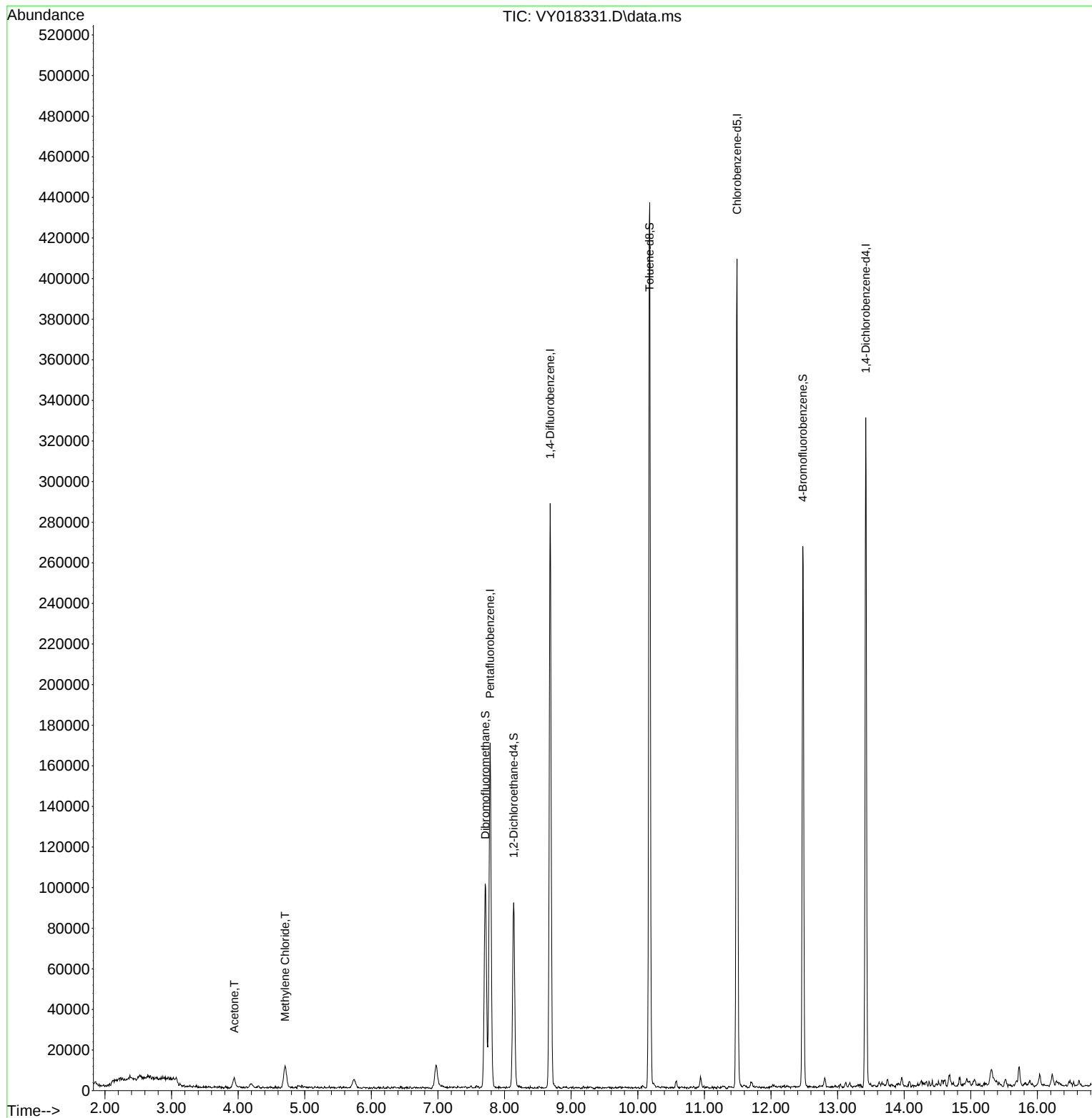
Internal Standards						
1) Pentafluorobenzene	7.783	168	124429	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	246917	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	219793	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	80710	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	65951	72.047	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 144.100%	
35) Dibromofluoromethane	7.710	113	73111	56.341	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.680%	
50) Toluene-d8	10.179	98	289306	56.576	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 113.160%	
62) 4-Bromofluorobenzene	12.477	95	85542	51.800	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.600%	
Target Compounds						
						Qvalue
16) Acetone	3.942	43	7930	43.411	ug/l	# 86
20) Methylene Chloride	4.704	84	8343	6.462	ug/l	97

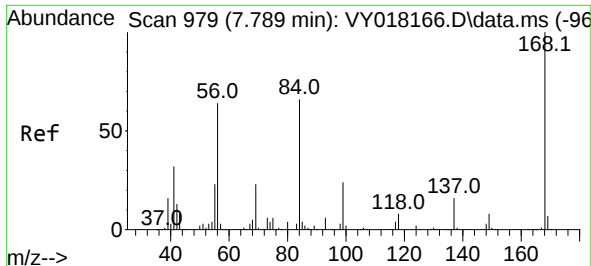
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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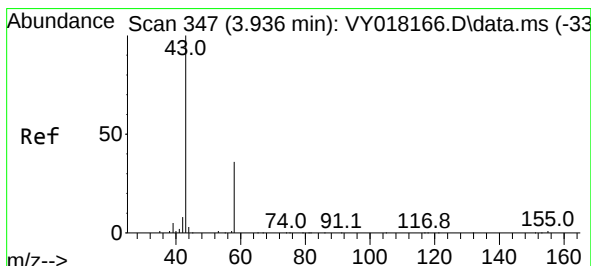
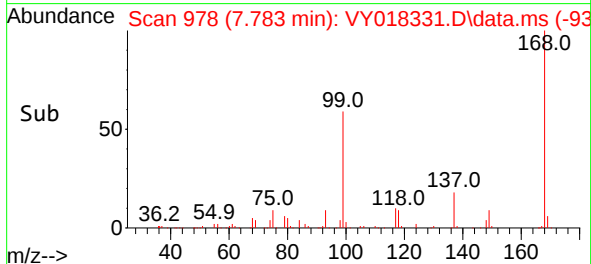
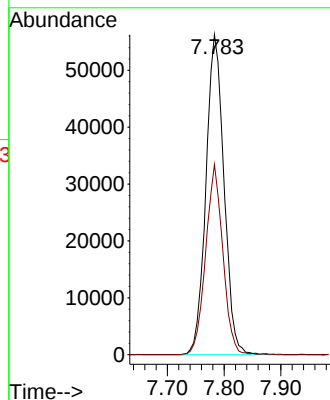
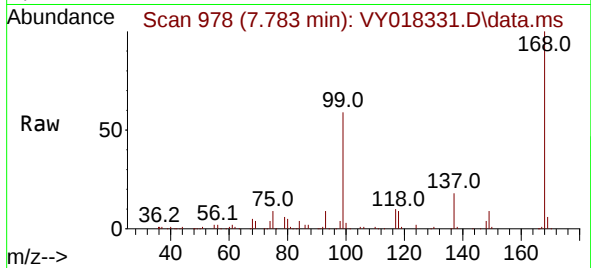




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018331.D
Acq: 20 May 2024 13:39

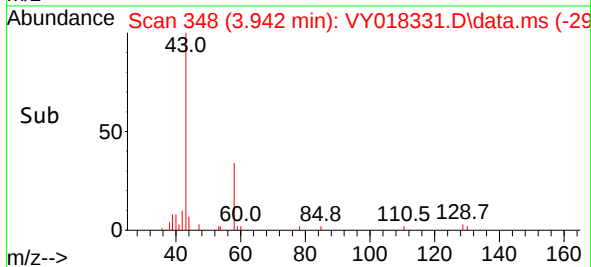
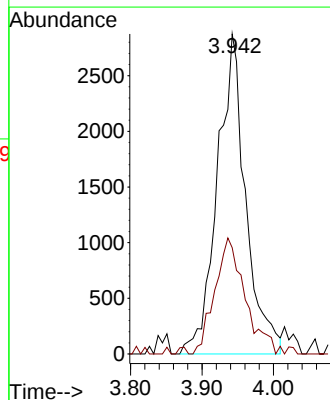
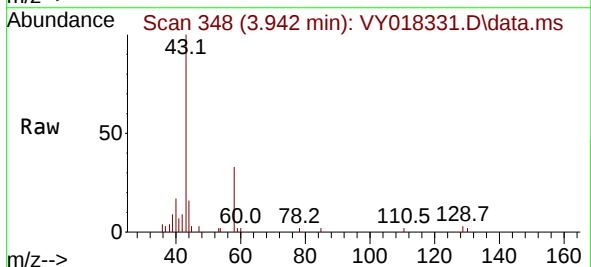
Instrument :
MSVOA_Y
ClientSampleId :
VOC-MH-LL

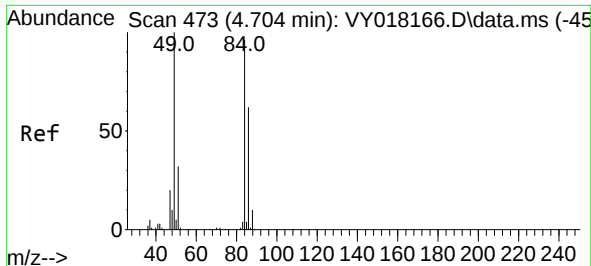
Tgt Ion:168 Resp: 124429
Ion Ratio Lower Upper
168 100
99 59.5 39.1 58.7#



#16
Acetone
Concen: 43.411 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY018331.D
Acq: 20 May 2024 13:39

Tgt Ion: 43 Resp: 7930
Ion Ratio Lower Upper
43 100
58 31.3 31.7 47.5#



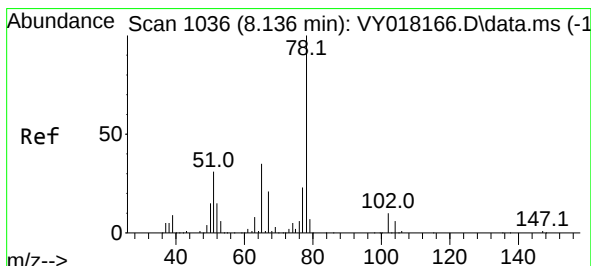
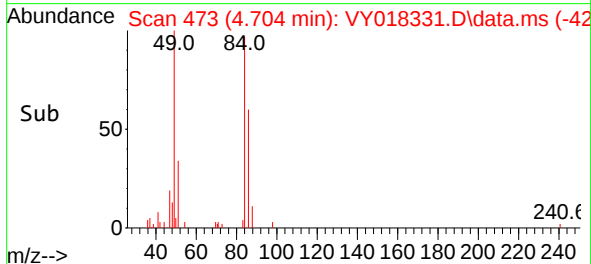
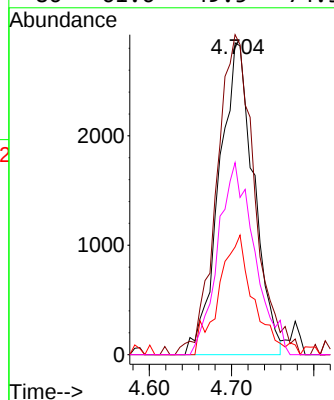
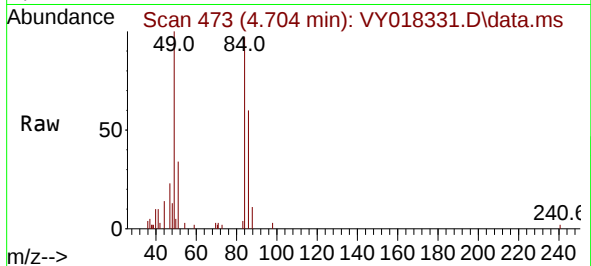


#20
Methylene Chloride
Concen: 6.462 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY018331.D
Acq: 20 May 2024 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VOC-MH-LL

Tgt Ion: 84 Resp: 8343

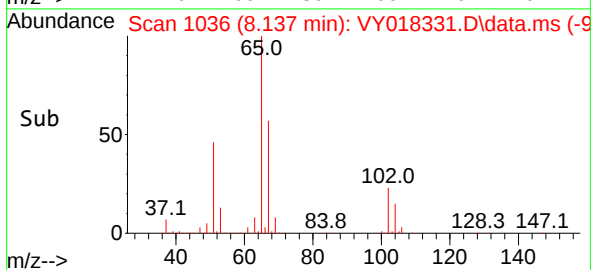
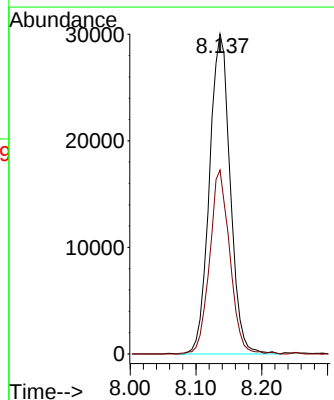
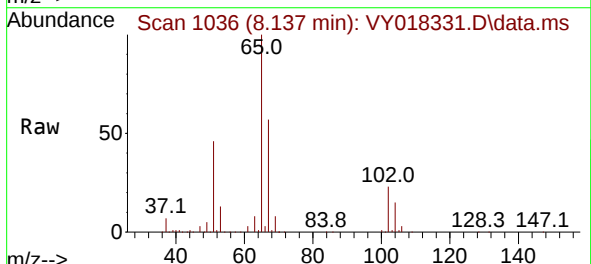
Ion	Ratio	Lower	Upper
84	100		
49	100.2	84.4	126.6
51	34.5	26.0	39.0
86	61.6	49.5	74.3

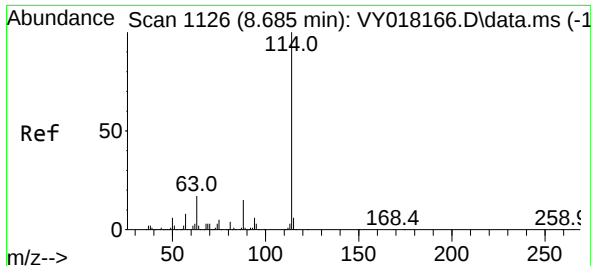


#33
1,2-Dichloroethane-d4
Concen: 72.047 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY018331.D
Acq: 20 May 2024 13:39

Tgt Ion: 65 Resp: 65951

Ion	Ratio	Lower	Upper
65	100		
67	55.7	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: VY018331.D

Acq: 20 May 2024 13:39

Instrument :

MSVOA_Y

ClientSampleId :

VOC-MH-LL

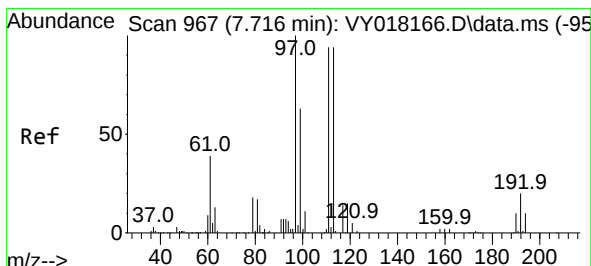
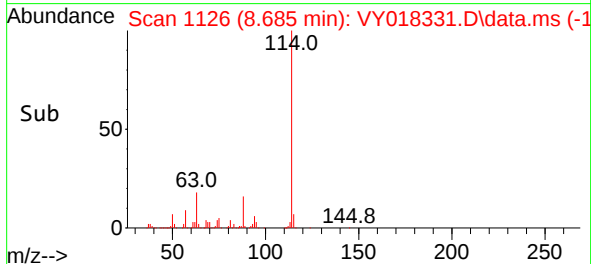
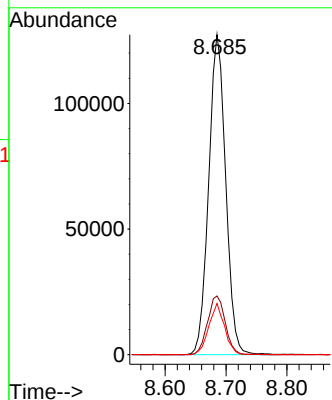
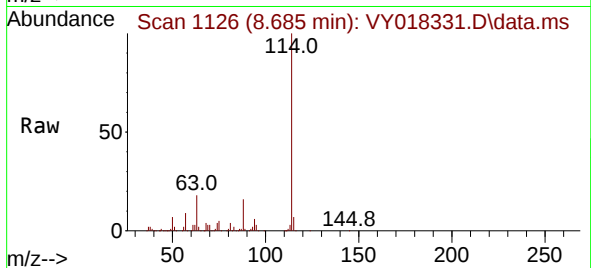
Tgt Ion:114 Resp: 246917

Ion Ratio Lower Upper

114 100

63 18.4 0.0 35.0

88 16.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 56.341 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY018331.D

Acq: 20 May 2024 13:39

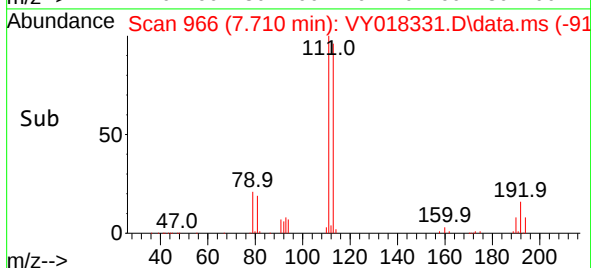
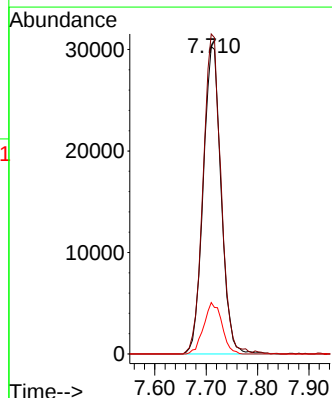
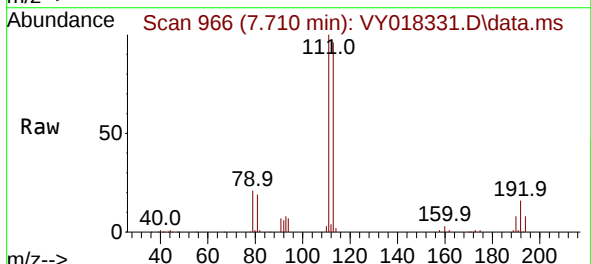
Tgt Ion:113 Resp: 73111

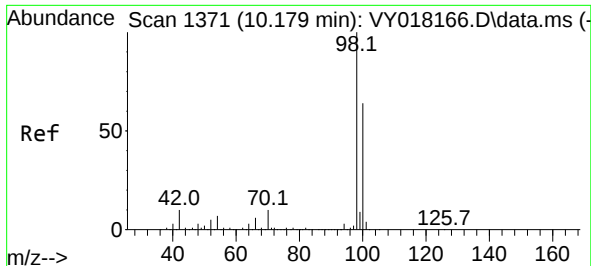
Ion Ratio Lower Upper

113 100

111 103.6 82.2 123.4

192 17.1 15.9 23.9

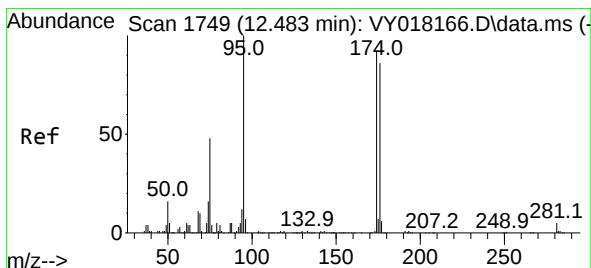
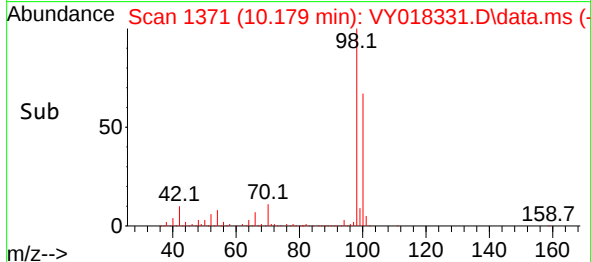
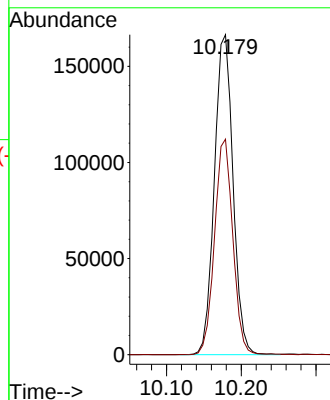
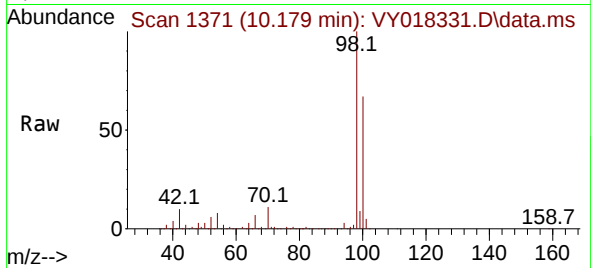




#50
Toluene-d8
Concen: 56.576 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018331.D
Acq: 20 May 2024 13:39

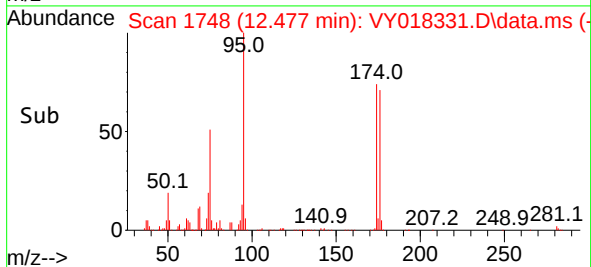
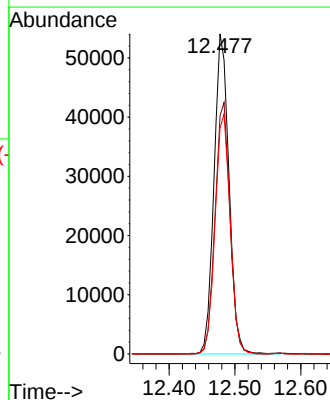
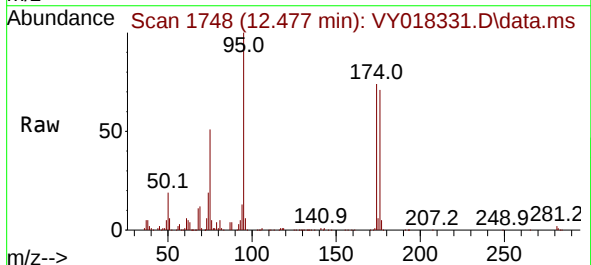
Instrument :
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ClientSampleId :
VOC-MH-LL

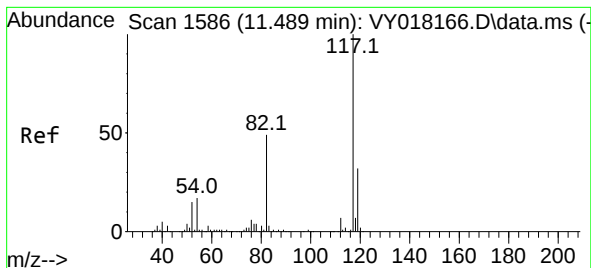
Tgt Ion: 98 Resp: 289306
Ion Ratio Lower Upper
98 100
100 66.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 51.800 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY018331.D
Acq: 20 May 2024 13:39

Tgt Ion: 95 Resp: 85542
Ion Ratio Lower Upper
95 100
174 78.5 0.0 175.6
176 75.8 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: VY018331.D

Acq: 20 May 2024 13:39

Instrument :

MSVOA_Y

ClientSampleId :

VOC-MH-LL

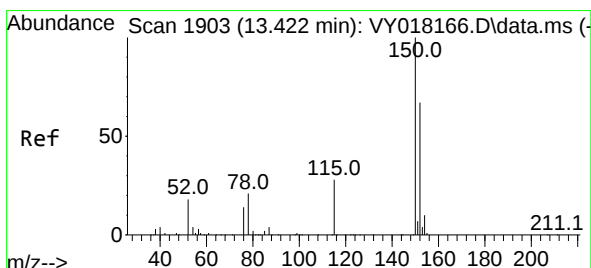
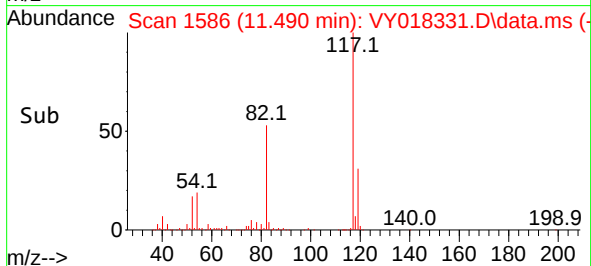
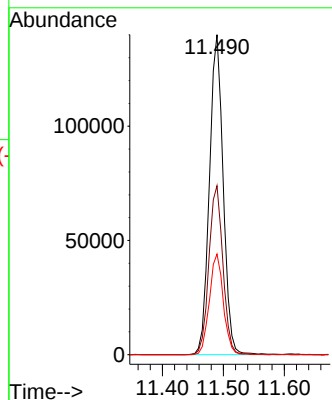
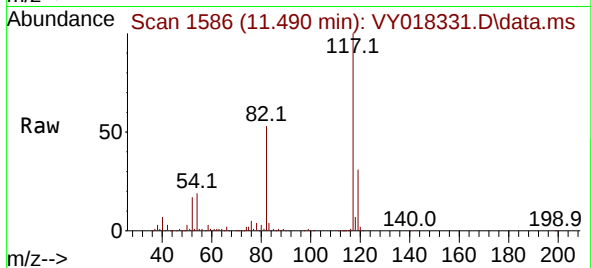
Tgt Ion:117 Resp: 219793

Ion Ratio Lower Upper

117 100

82 52.8 42.4 63.6

119 31.4 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: VY018331.D

Acq: 20 May 2024 13:39

Tgt Ion:152 Resp: 80710

Ion Ratio Lower Upper

152 100

115 61.1 28.2 84.7

150 159.8 0.0 345.6

