

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052324\
 Data File : VY018356.D
 Acq On : 23 May 2024 12:31
 Operator : SY/MD
 Sample : P2539-03
 Misc : 4.62g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WCS-TPQ-VOC

Quant Time: May 24 01:15:11 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)

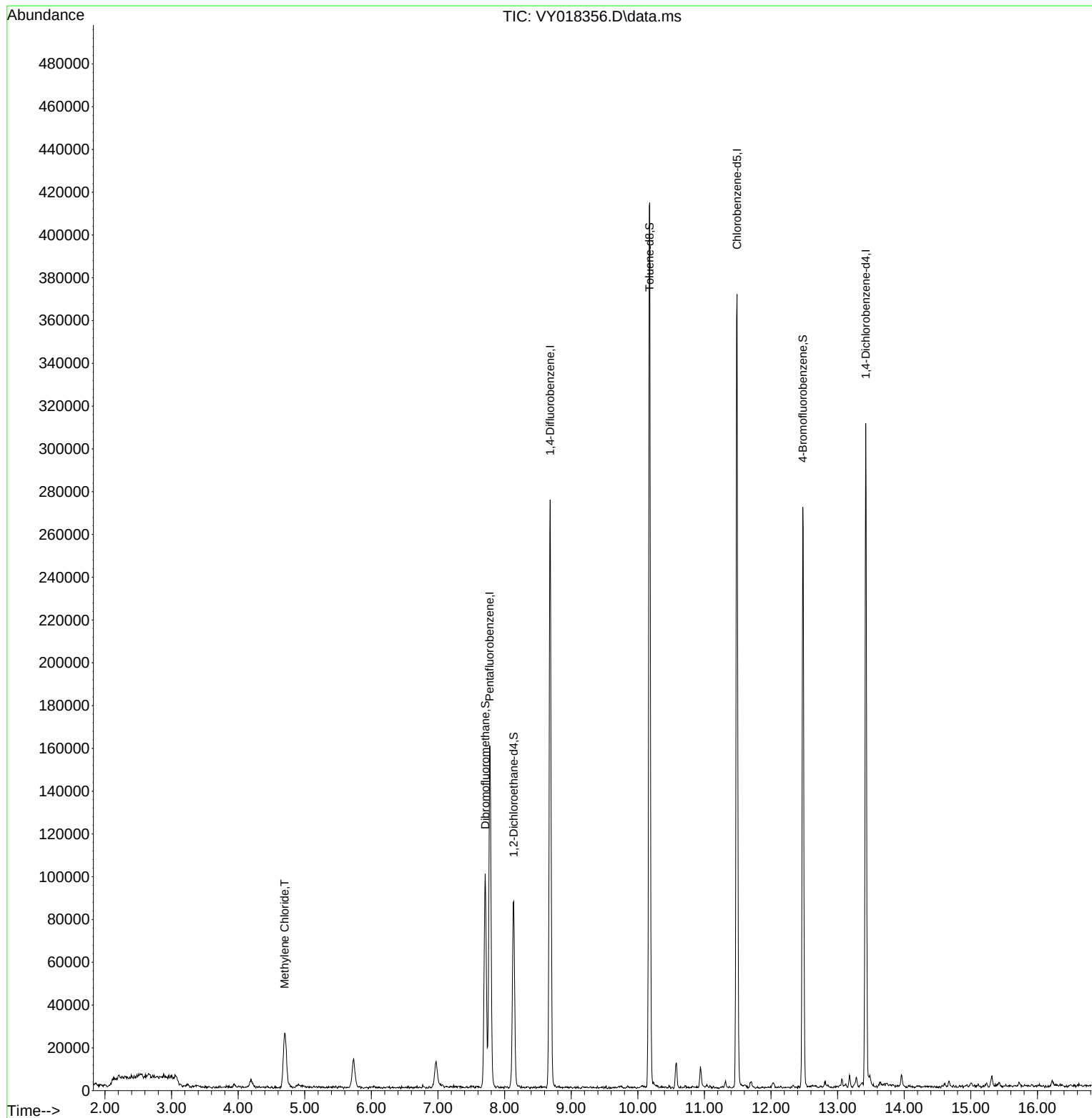
Internal Standards						
1) Pentafluorobenzene	7.777	168	118876	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	234383	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	204675	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	74425	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	64293	57.086	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.180%	
35) Dibromofluoromethane	7.710	113	70765	51.774	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.540%	
50) Toluene-d8	10.179	98	274356	51.484	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.960%	
62) 4-Bromofluorobenzene	12.477	95	82150	49.891	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.780%	
Target Compounds						
20) Methylene Chloride	4.698	84	20482	11.643	ug/l	Qvalue 89

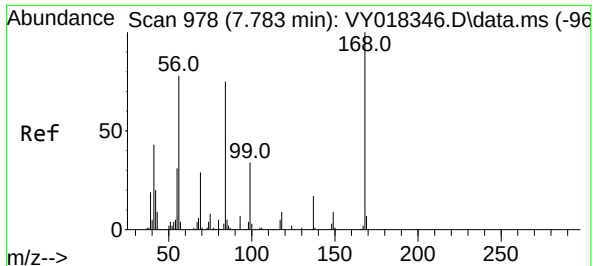
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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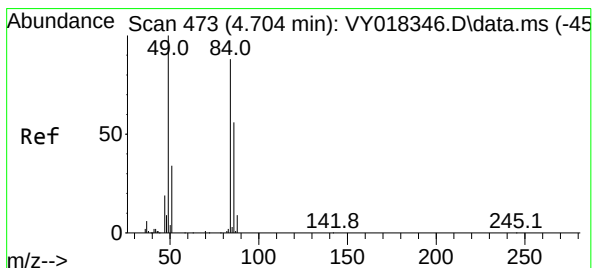
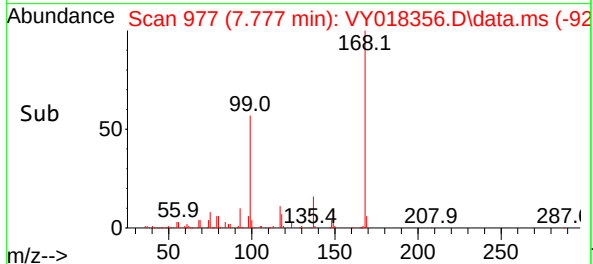
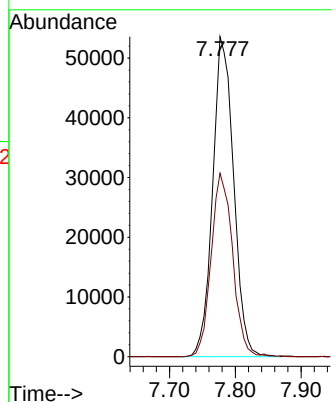
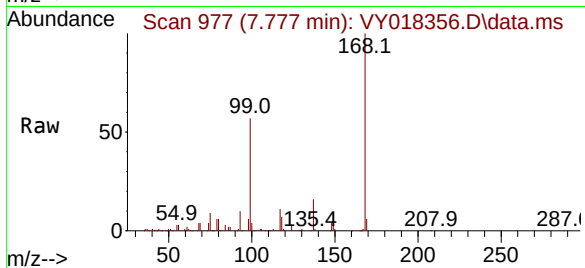




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018356.D
Acq: 23 May 2024 12:31

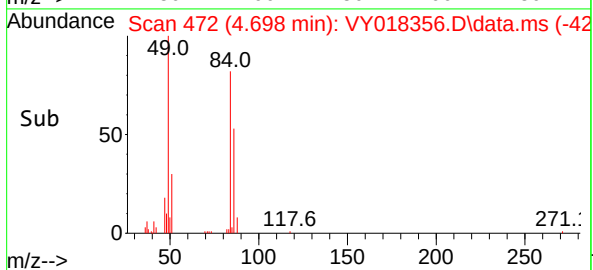
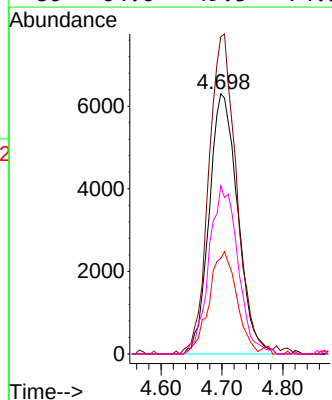
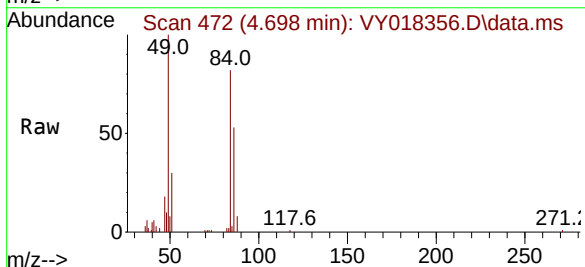
Instrument :
MSVOA_Y
ClientSampleId :
WCS-TPQ-VOC

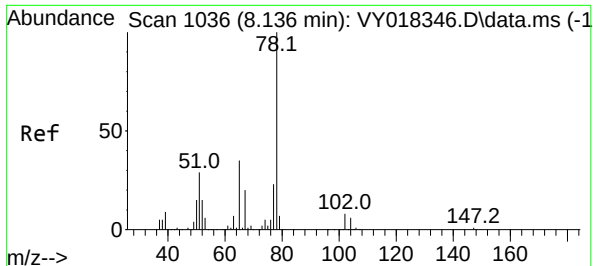
Tgt Ion:168 Resp: 118876
Ion Ratio Lower Upper
168 100
99 57.3 39.1 58.7



#20
Methylene Chloride
Concen: 11.643 ug/l
RT: 4.698 min Scan# 472
Delta R.T. -0.006 min
Lab File: VY018356.D
Acq: 23 May 2024 12:31

Tgt Ion: 84 Resp: 20482
Ion Ratio Lower Upper
84 100
49 121.9 84.4 126.6
51 36.8 26.0 39.0
86 64.6 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 57.086 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY018356.D

Acq: 23 May 2024 12:31

Instrument :

MSVOA_Y

ClientSampleId :

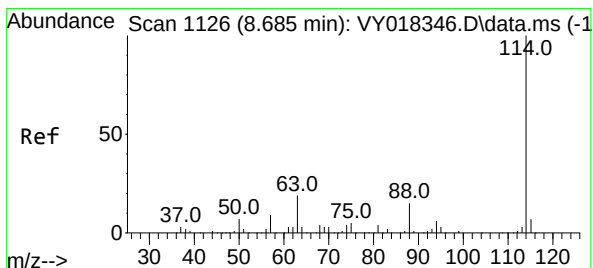
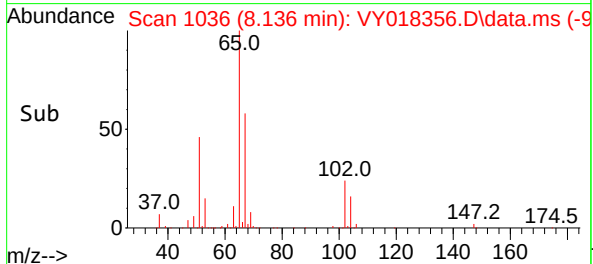
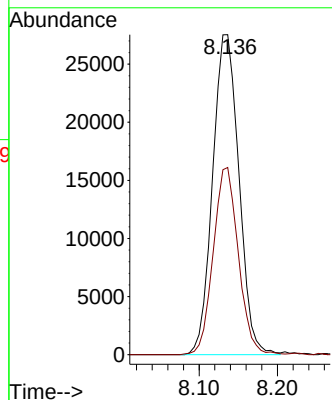
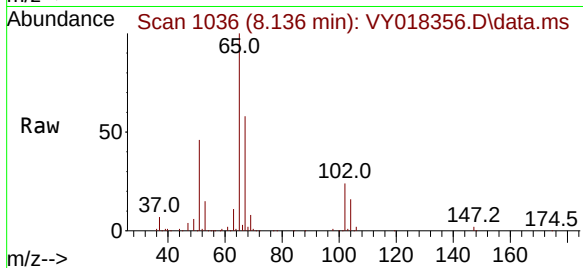
WCS-TPQ-VOC

Tgt Ion: 65 Resp: 64293

Ion Ratio Lower Upper

65 100

67 55.8 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: VY018356.D

Acq: 23 May 2024 12:31

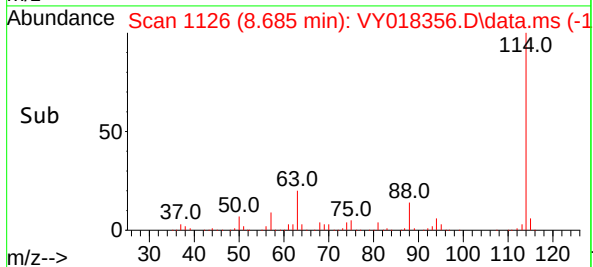
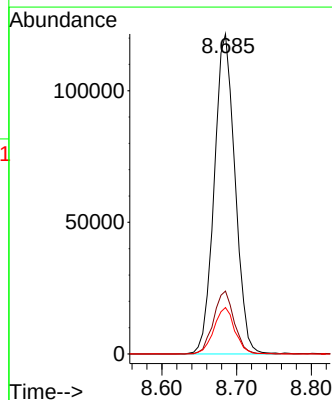
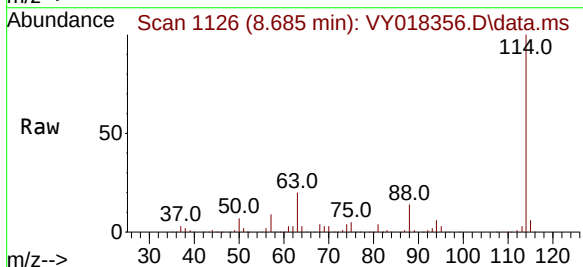
Tgt Ion: 114 Resp: 234383

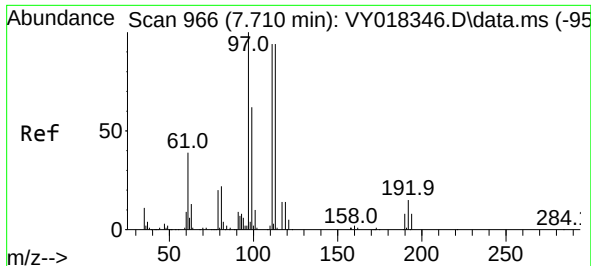
Ion Ratio Lower Upper

114 100

63 19.6 0.0 35.0

88 14.5 0.0 27.2

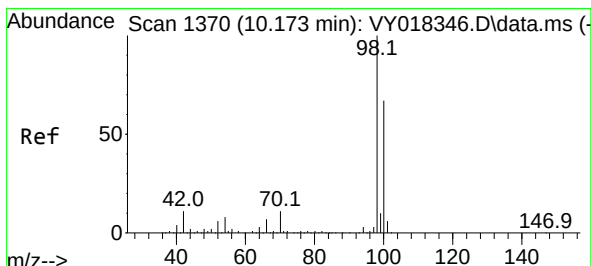
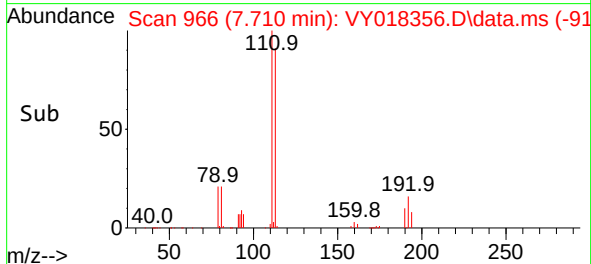
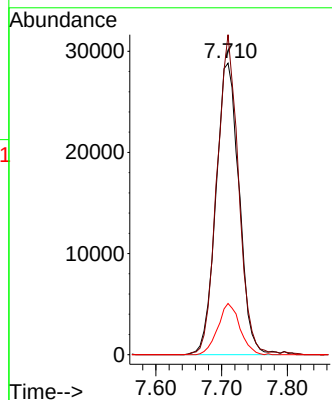
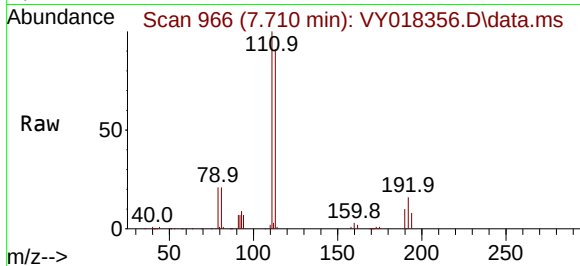




#35
Dibromofluoromethane
Concen: 51.774 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY018356.D
Acq: 23 May 2024 12:31

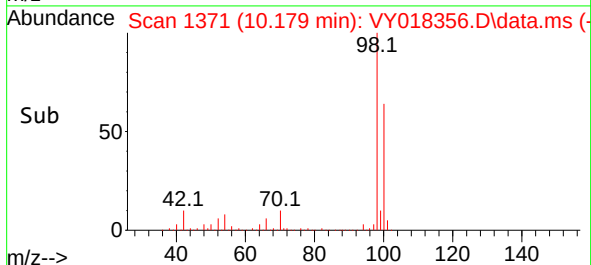
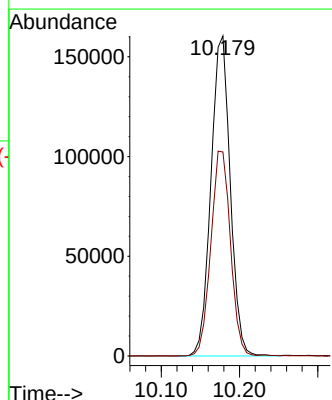
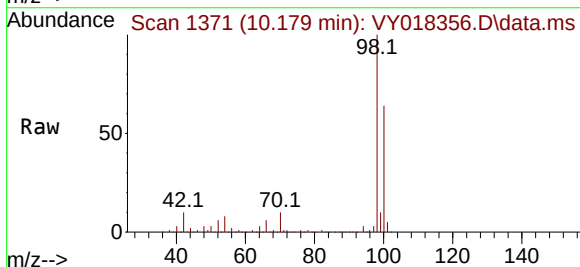
Instrument :
MSVOA_Y
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WCS-TPQ-VOC

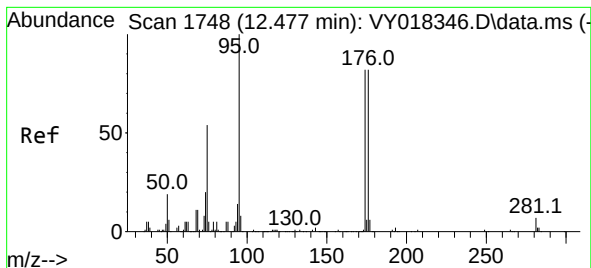
Tgt Ion:113 Resp: 70765
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.4
192 16.7 15.9 23.9



#50
Toluene-d8
Concen: 51.484 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY018356.D
Acq: 23 May 2024 12:31

Tgt Ion: 98 Resp: 274356
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0

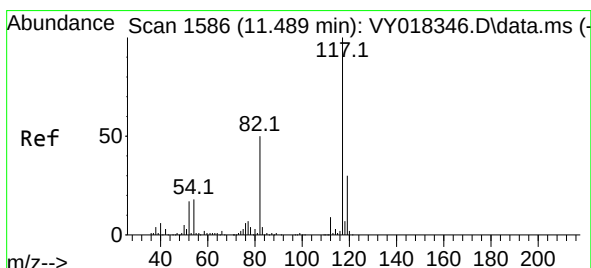
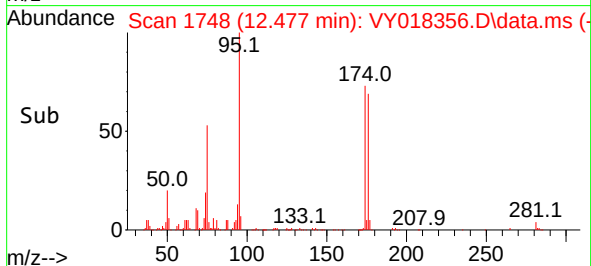
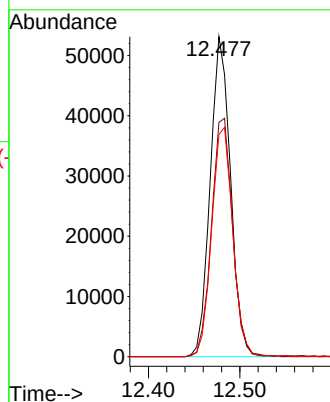
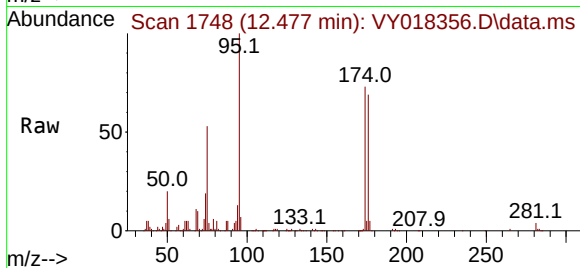




#62
4-Bromofluorobenzene
Concen: 49.891 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018356.D
Acq: 23 May 2024 12:31

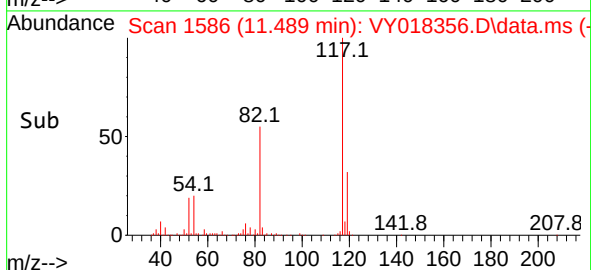
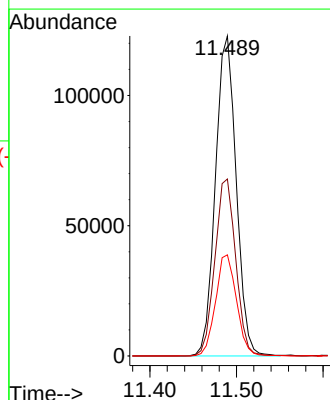
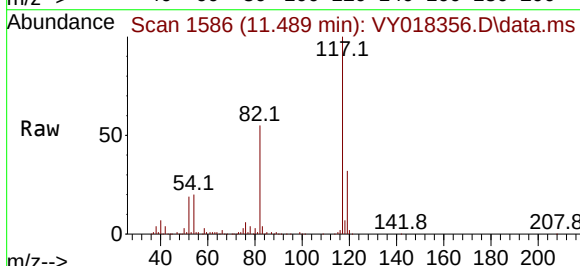
Instrument :
MSVOA_Y
ClientSampleId :
WCS-TPQ-VOC

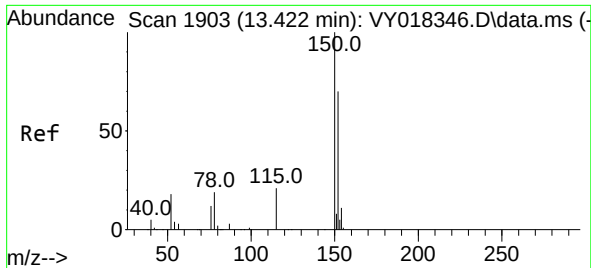
Tgt Ion: 95 Resp: 82150
Ion Ratio Lower Upper
95 100
174 77.1 0.0 175.6
176 74.2 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY018356.D
Acq: 23 May 2024 12:31

Tgt Ion:117 Resp: 204675
Ion Ratio Lower Upper
117 100
82 55.3 42.4 63.6
119 31.5 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: VY018356.D
 Acq: 23 May 2024 12:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 WCS-TPQ-VOC

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.4	28.2	84.7
150	159.2	0.0	345.6

