

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060424\
 Data File : VY018477.D
 Acq On : 04 Jun 2024 20:38
 Operator : SY/MD
 Sample : P2704-11
 Misc : 5.45g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TPN-VOC

Quant Time: Jun 05 01:31:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 07:11:56 2024
 Response via : Initial Calibration

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

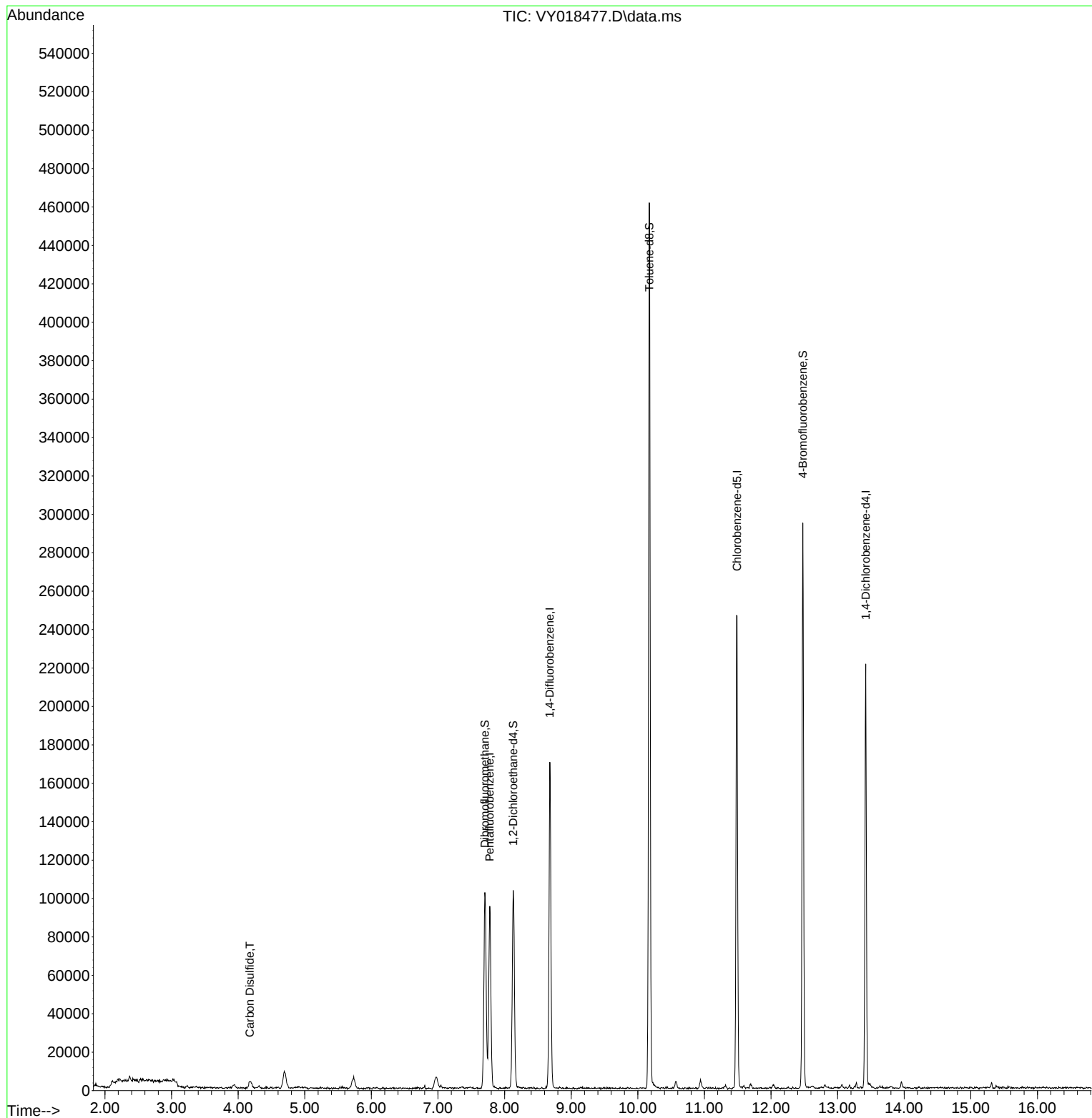
Internal Standards						
1) Pentafluorobenzene	7.777	168	65126	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.679	114	136148	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	129707	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	48454	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	76407	59.741	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.480%
35) Dibromofluoromethane	7.704	113	71423	41.370	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	82.740%
50) Toluene-d8	10.173	98	285310	41.540	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	83.080%
62) 4-Bromofluorobenzene	12.477	95	84874	39.689	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.380%
Target Compounds						
17) Carbon Disulfide	4.174	76	5455	1.361	ug/l	Qvalue 97

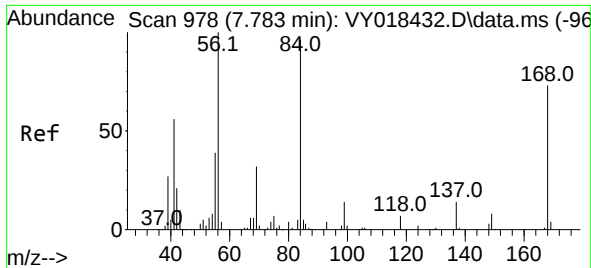
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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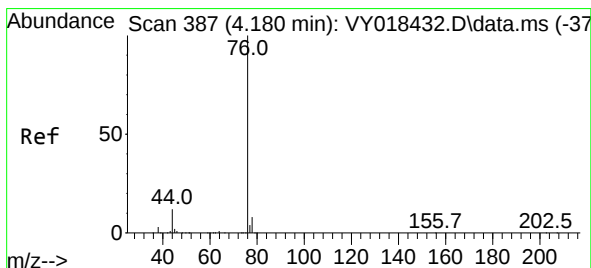
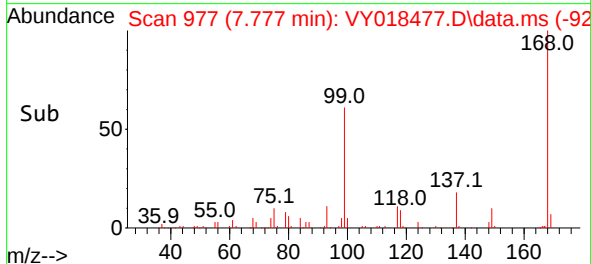
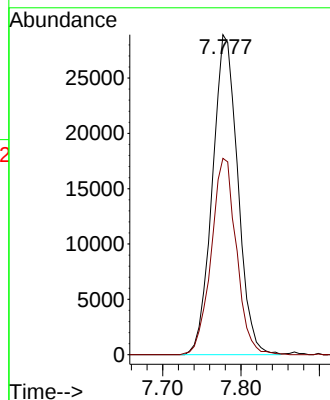
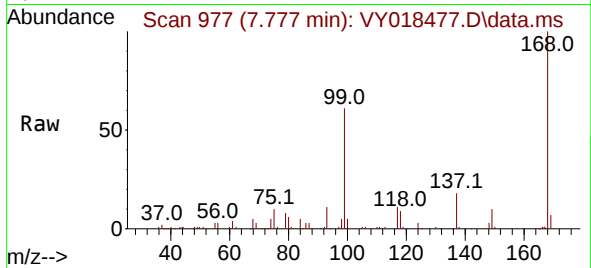




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018477.D
Acq: 04 Jun 2024 20:38

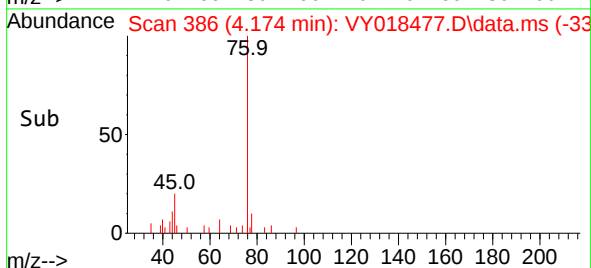
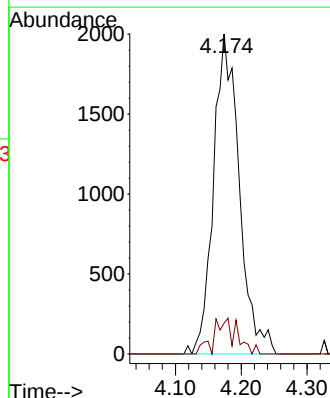
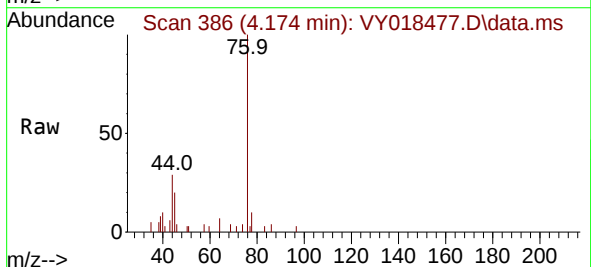
Instrument :
MSVOA_Y
ClientSampleId :
TPN-VOC

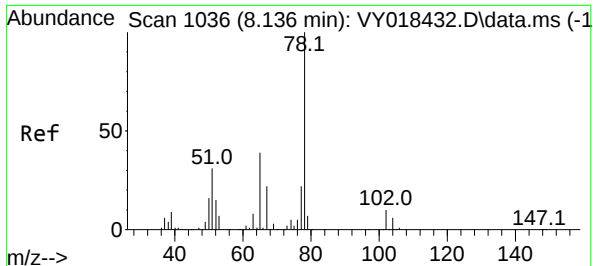
Tgt Ion:168 Resp: 65126
Ion Ratio Lower Upper
168 100
99 61.3 39.1 58.7#



#17
Carbon Disulfide
Concen: 1.361 ug/l
RT: 4.174 min Scan# 386
Delta R.T. -0.006 min
Lab File: VY018477.D
Acq: 04 Jun 2024 20:38

Tgt Ion: 76 Resp: 5455
Ion Ratio Lower Upper
76 100
78 9.6 6.8 10.2





#33

1,2-Dichloroethane-d4

Concen: 59.741 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY018477.D

Acq: 04 Jun 2024 20:38

Instrument :

MSVOA_Y

ClientSampleId :

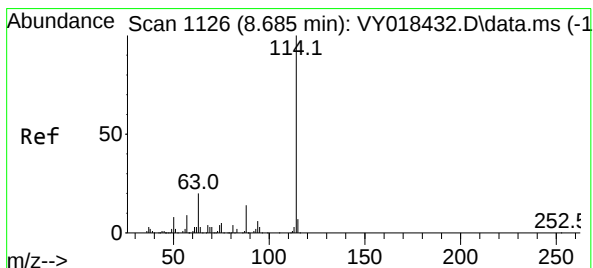
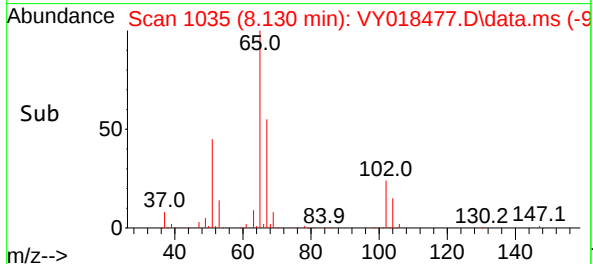
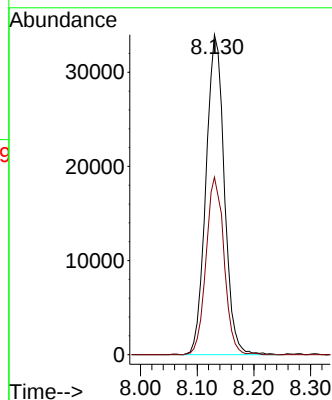
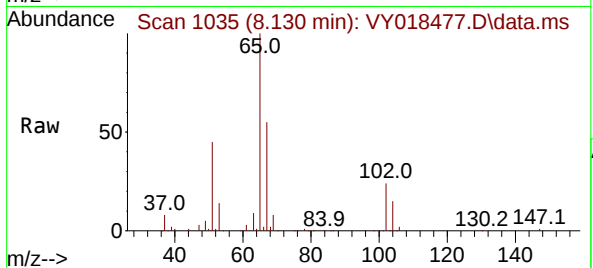
TPN-VOC

Tgt Ion: 65 Resp: 76407

Ion Ratio Lower Upper

65 100

67 54.2 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. -0.006 min

Lab File: VY018477.D

Acq: 04 Jun 2024 20:38

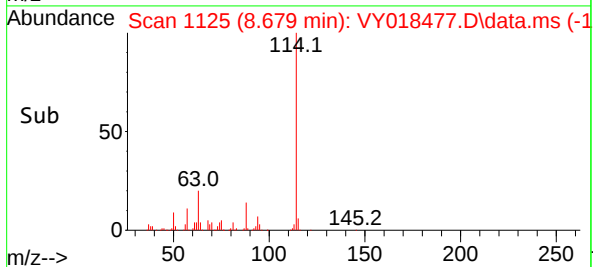
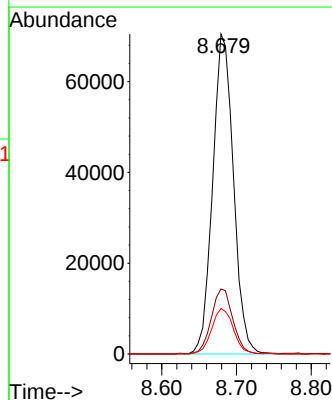
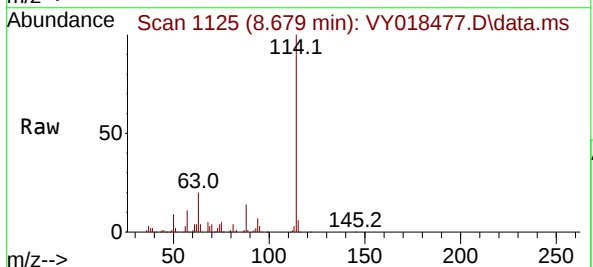
Tgt Ion: 114 Resp: 136148

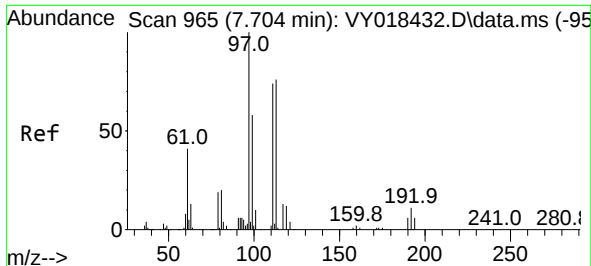
Ion Ratio Lower Upper

114 100

63 20.3 0.0 35.0

88 14.2 0.0 27.2

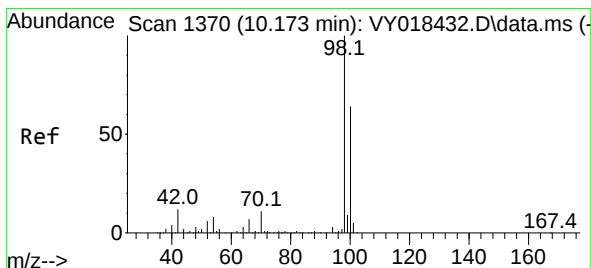
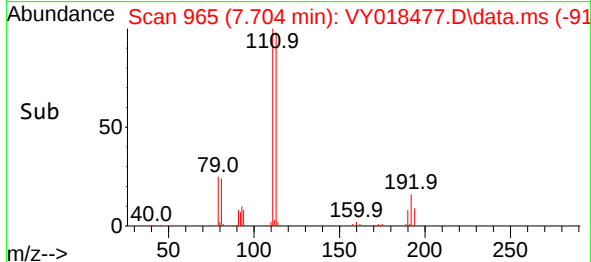
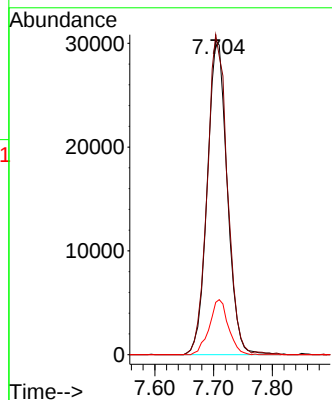
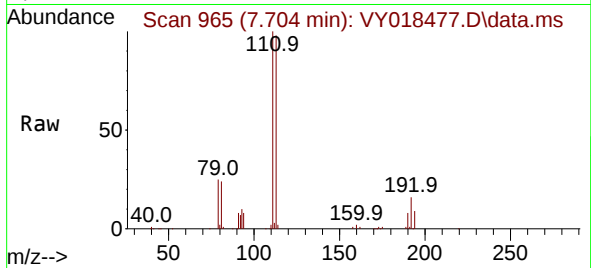




#35
Dibromofluoromethane
Concen: 41.370 ug/l
RT: 7.704 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY018477.D
Acq: 04 Jun 2024 20:38

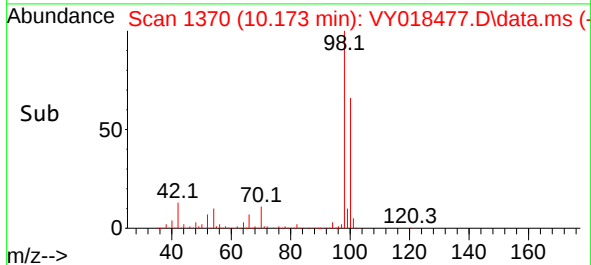
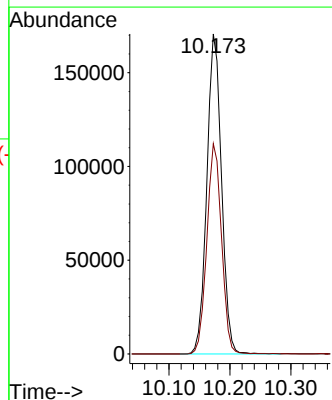
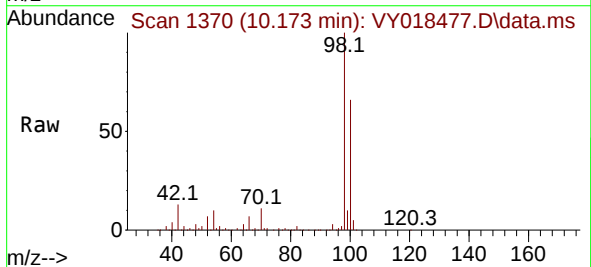
Instrument :
MSVOA_Y
ClientSampleId :
TPN-VOC

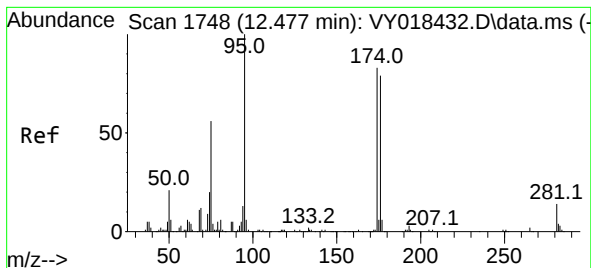
Tgt Ion:113 Resp: 71423
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.4
192 16.8 15.9 23.9



#50
Toluene-d8
Concen: 41.540 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.000 min
Lab File: VY018477.D
Acq: 04 Jun 2024 20:38

Tgt Ion: 98 Resp: 285310
Ion Ratio Lower Upper
98 100
100 65.8 52.0 78.0

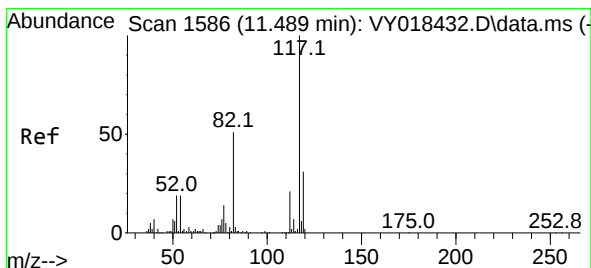
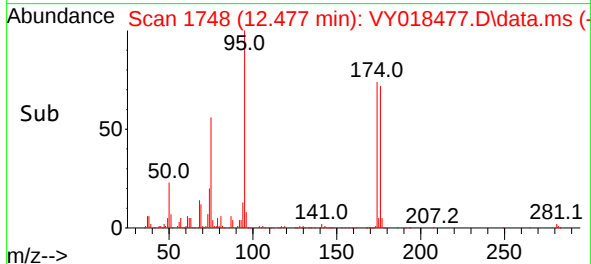
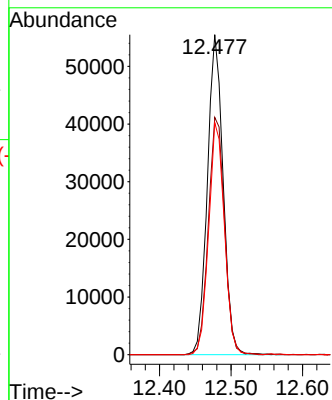
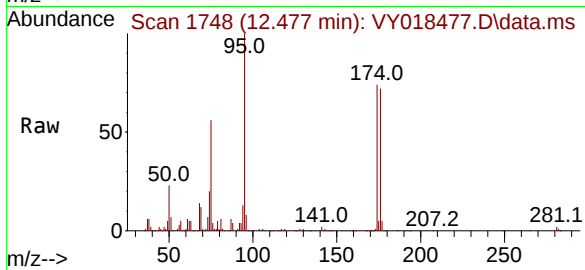




#62
4-Bromofluorobenzene
Concen: 39.689 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018477.D
Acq: 04 Jun 2024 20:38

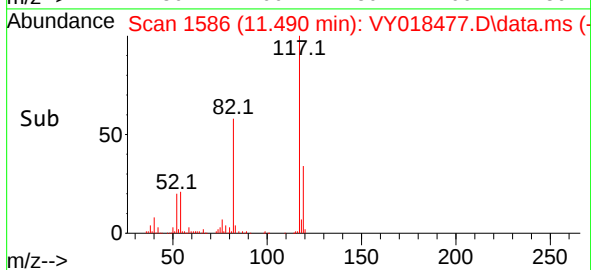
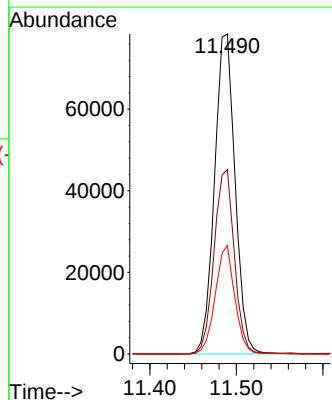
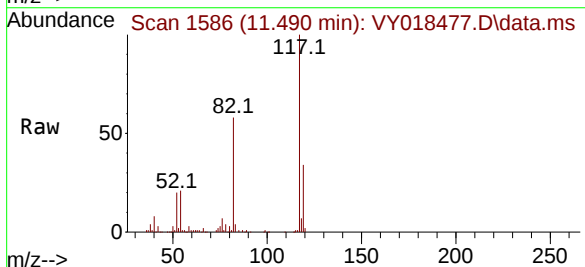
Instrument :
MSVOA_Y
ClientSampleId :
TPN-VOC

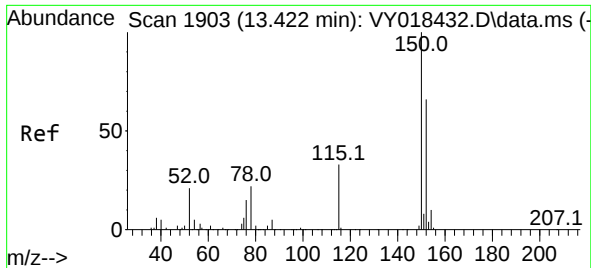
Tgt Ion: 95 Resp: 84874
Ion Ratio Lower Upper
95 100
174 76.5 0.0 175.6
176 72.3 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY018477.D
Acq: 04 Jun 2024 20:38

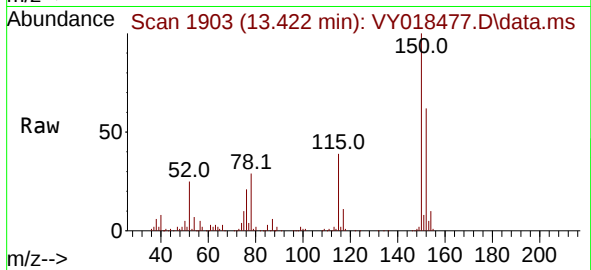
Tgt Ion: 117 Resp: 129707
Ion Ratio Lower Upper
117 100
82 57.6 42.4 63.6
119 33.9 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY018477.D
 Acq: 04 Jun 2024 20:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 TPN-VOC



Tgt Ion:	152	Resp:	48454
Ion	Ratio	Lower	Upper
152	100		
115	62.9	28.2	84.7
150	159.4	0.0	345.6

