

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060424\
 Data File : VY018476.D
 Acq On : 04 Jun 2024 20:14
 Operator : SY/MD
 Sample : P2704-07
 Misc : 5.42g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TPU-VOC

Quant Time: Jun 05 01:31:35 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	7.783	168	64961	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	131071	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.484	117	126852	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	45668	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	72390	56.744	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.480%
35) Dibromofluoromethane	7.710	113	63833	38.406	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	76.820%
50) Toluene-d8	10.173	98	264278	39.969	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	79.940%
62) 4-Bromofluorobenzene	12.477	95	72589	35.259	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	70.520%

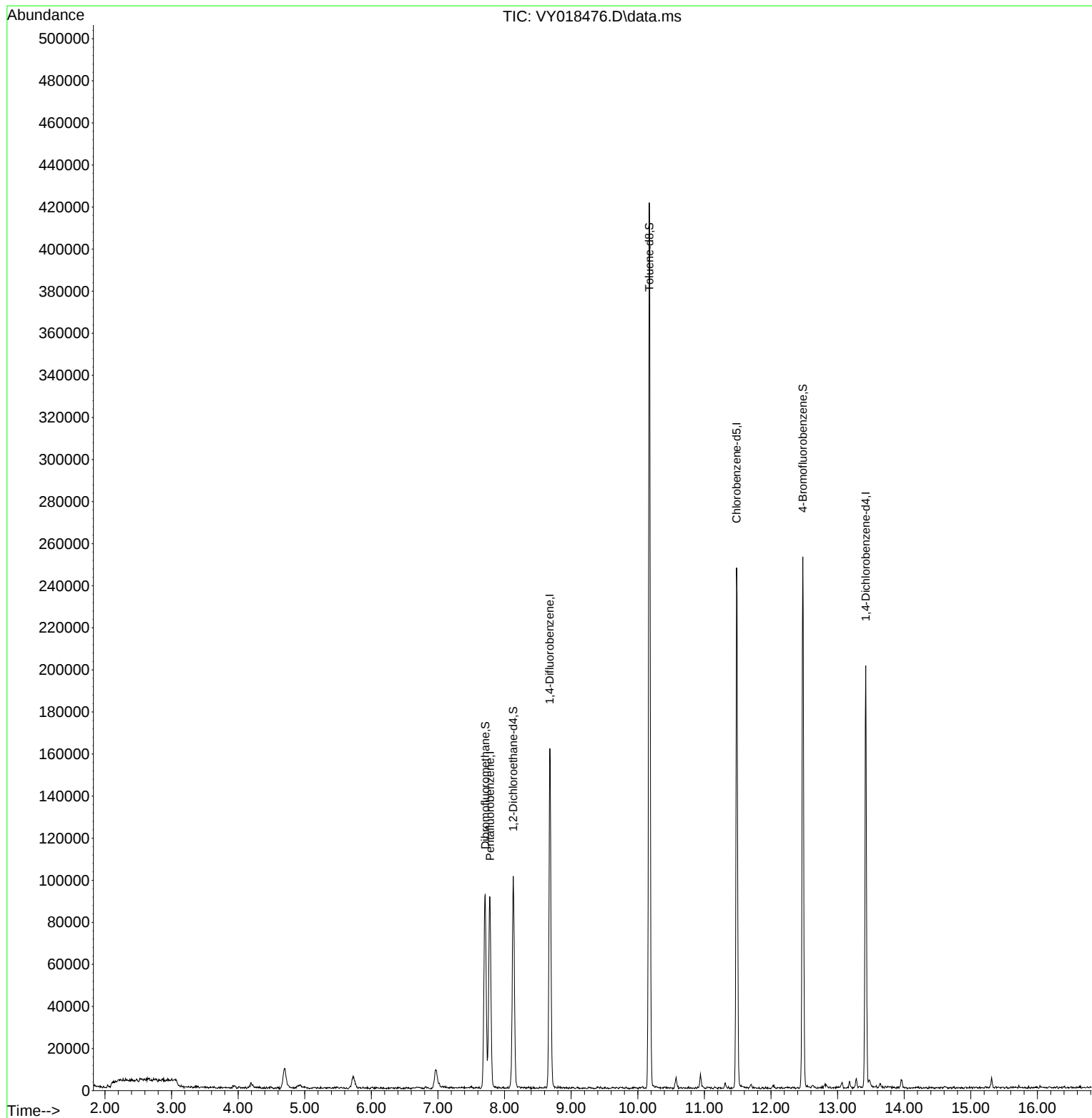
Target Compounds	Qvalue

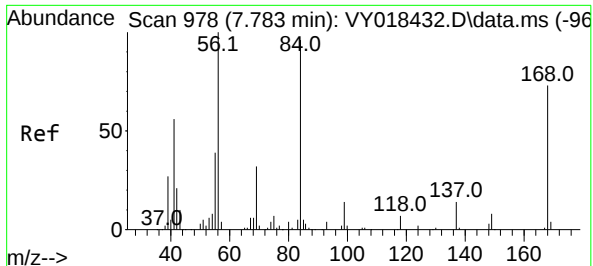
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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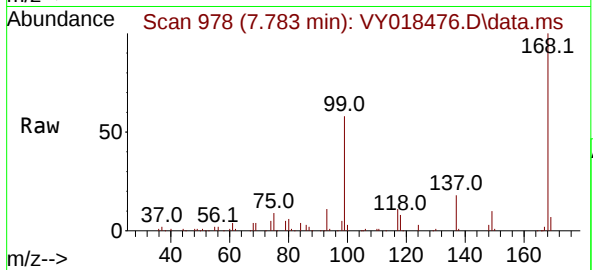
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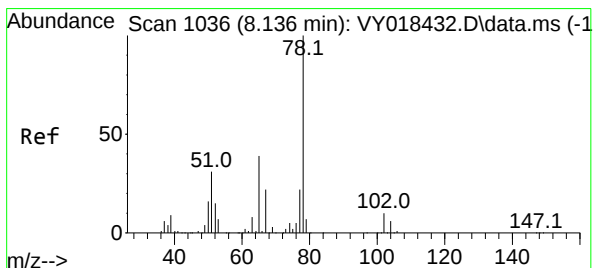
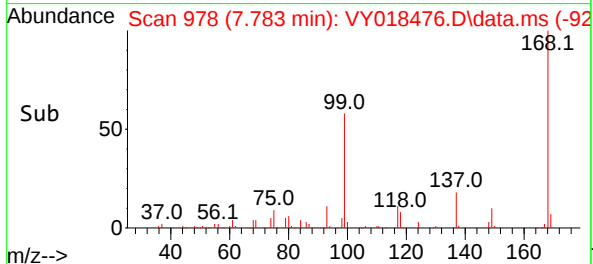
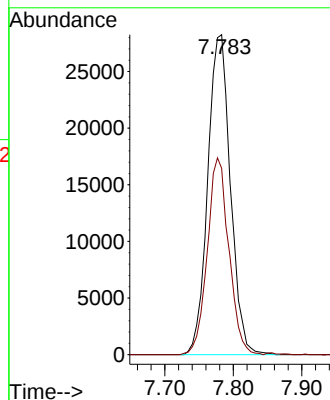


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018476.D
Acq: 04 Jun 2024 20:14

Instrument :
MSVOA_Y
ClientSampleId :
TPU-VOC

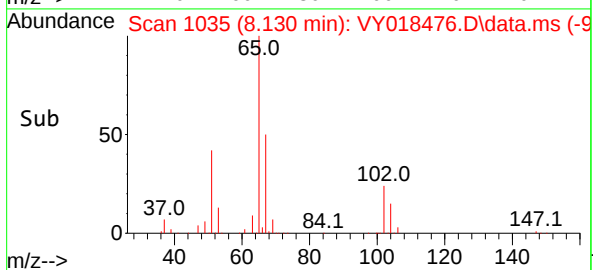
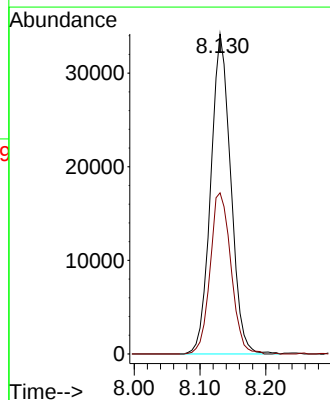
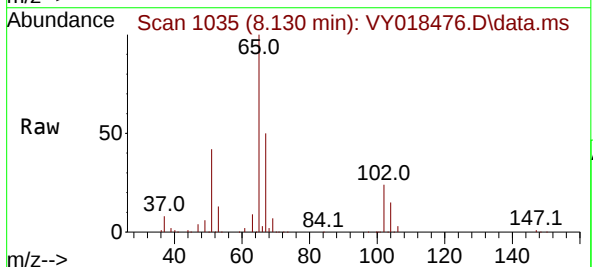


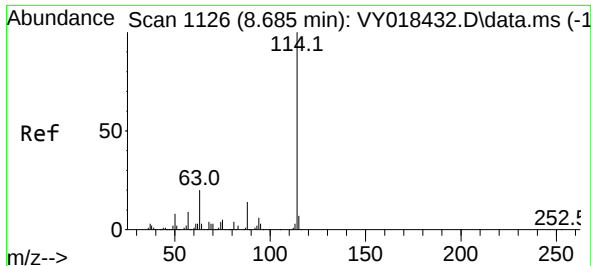
Tgt Ion:168 Resp: 64961
Ion Ratio Lower Upper
168 100
99 58.2 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 56.744 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY018476.D
Acq: 04 Jun 2024 20:14

Tgt Ion: 65 Resp: 72390
Ion Ratio Lower Upper
65 100
67 52.3 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: VY018476.D

Acq: 04 Jun 2024 20:14

Instrument :

MSVOA_Y

ClientSampleId :

TPU-VOC

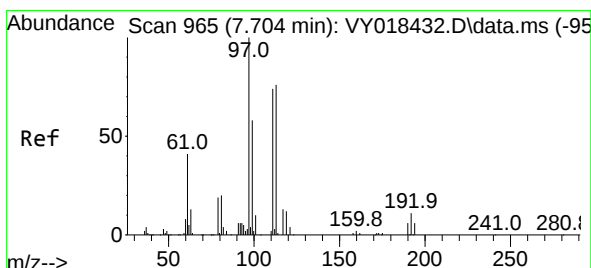
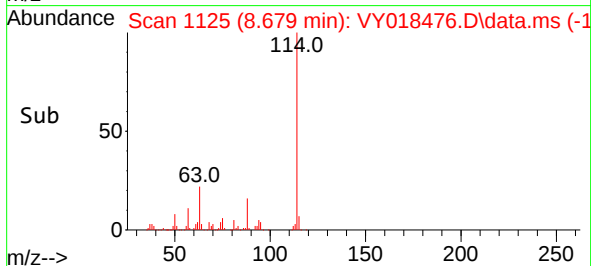
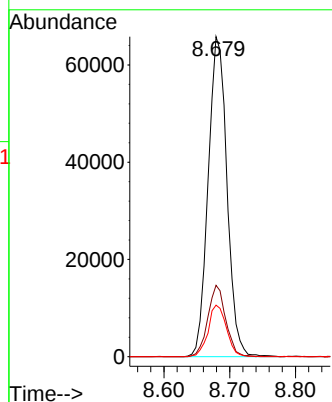
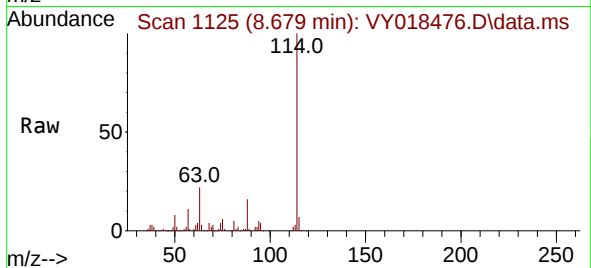
Tgt Ion:114 Resp: 131071

Ion Ratio Lower Upper

114 100

63 22.3 0.0 35.0

88 16.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 38.406 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.006 min

Lab File: VY018476.D

Acq: 04 Jun 2024 20:14

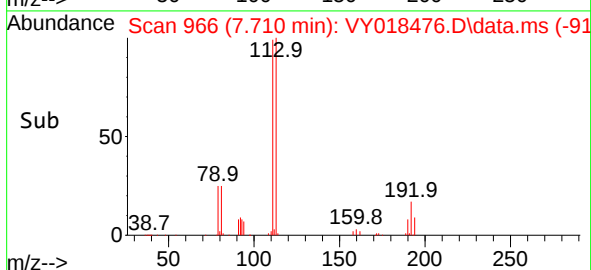
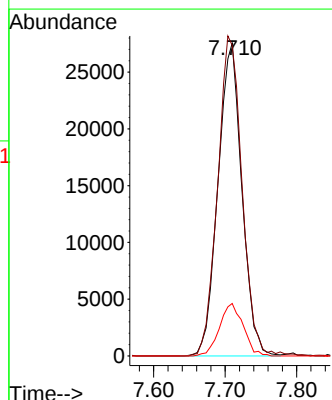
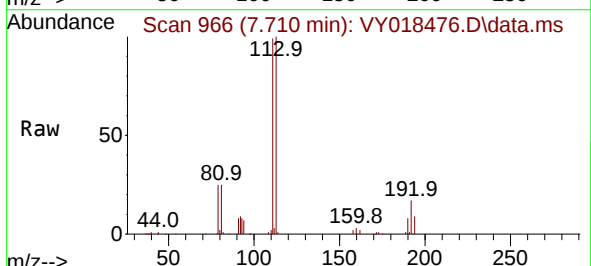
Tgt Ion:113 Resp: 63833

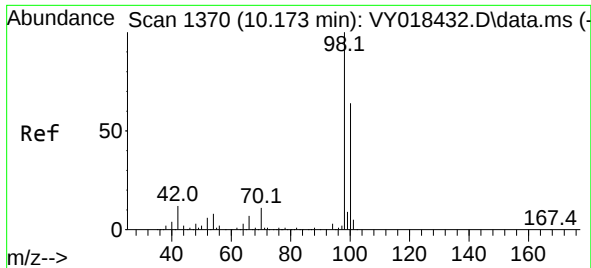
Ion Ratio Lower Upper

113 100

111 104.6 82.2 123.4

192 16.7 15.9 23.9

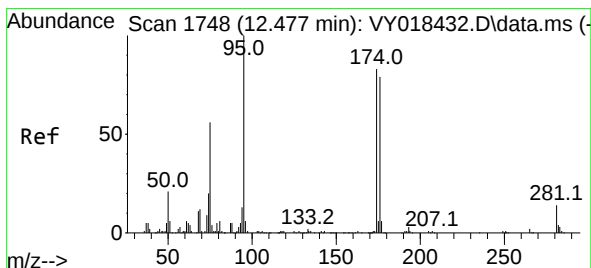
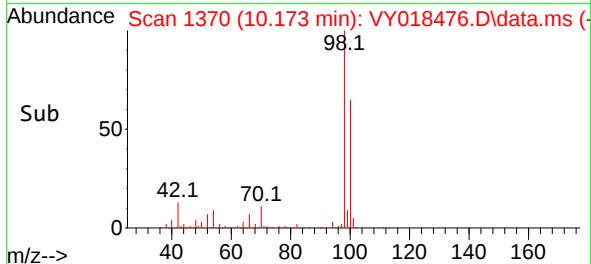
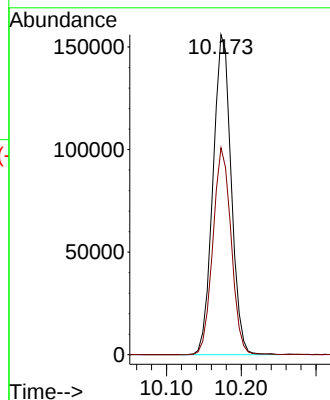
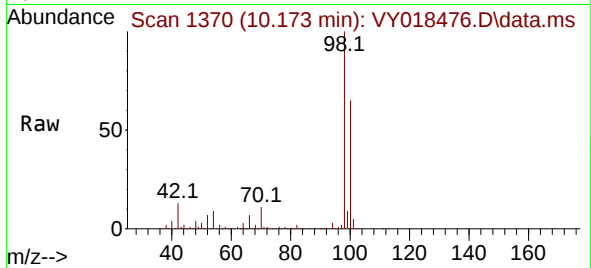




#50
Toluene-d8
Concen: 39.969 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018476.D
Acq: 04 Jun 2024 20:14

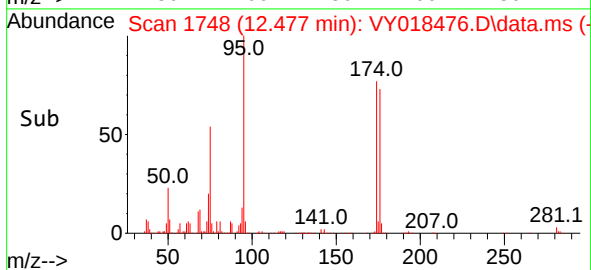
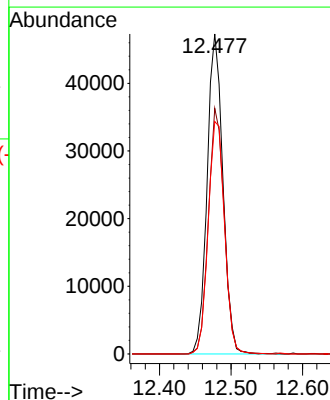
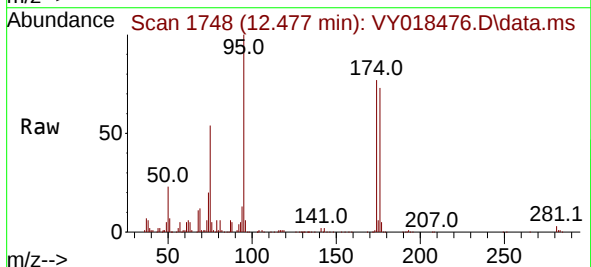
Instrument :
MSVOA_Y
ClientSampleId :
TPU-VOC

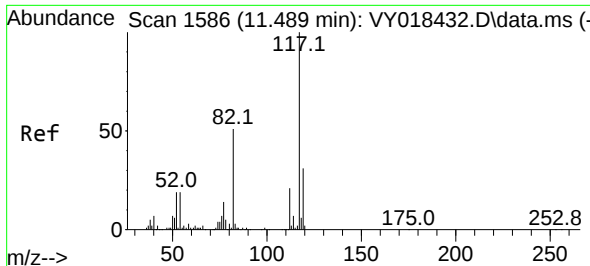
Tgt Ion: 98 Resp: 264278
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 35.259 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018476.D
Acq: 04 Jun 2024 20:14

Tgt Ion: 95 Resp: 72589
Ion Ratio Lower Upper
95 100
174 76.6 0.0 175.6
176 75.3 0.0 171.4

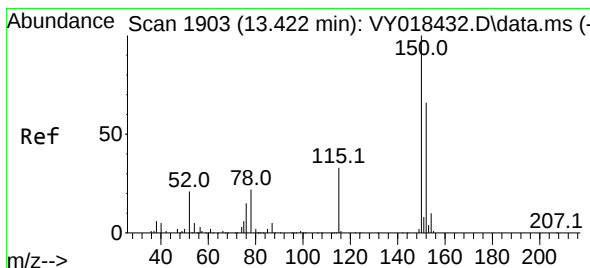
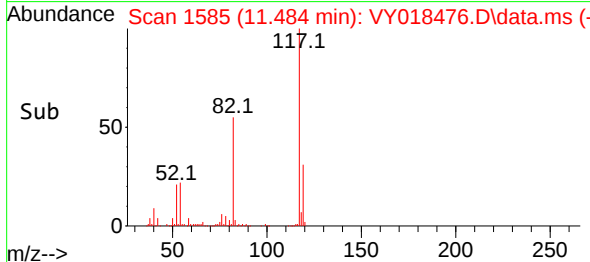
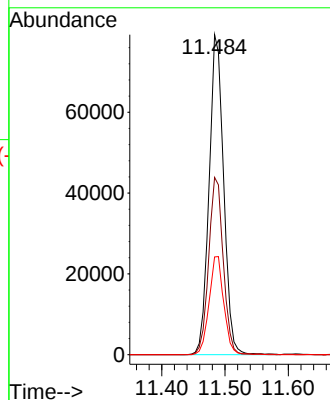
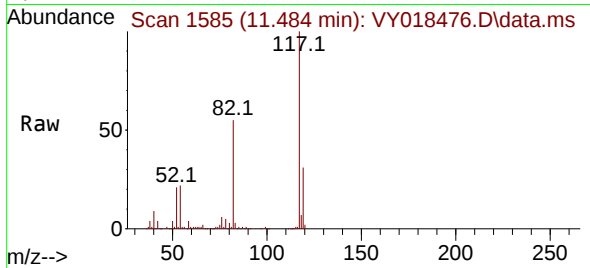




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.484 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY018476.D
Acq: 04 Jun 2024 20:14

Instrument :
MSVOA_Y
ClientSampleId :
TPU-VOC

Tgt Ion:117 Resp: 126852
Ion Ratio Lower Upper
117 100
82 55.4 42.4 63.6
119 30.5 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: VY018476.D
Acq: 04 Jun 2024 20:14

Tgt Ion:152 Resp: 45668
Ion Ratio Lower Upper
152 100
115 60.0 28.2 84.7
150 159.0 0.0 345.6

