

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060324\
 Data File : VY018449.D
 Acq On : 03 Jun 2024 18:44
 Operator : SY/MD
 Sample : P2665-02
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC

Quant Time: Jun 04 05:43:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 05:38:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.776	168	72232	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	145370	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	131053	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	46188	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	45483	32.064	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	64.120%
35) Dibromofluoromethane	7.703	113	45006	24.415	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	48.820%#
50) Toluene-d8	10.172	98	174405	23.782	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	47.560%#
62) 4-Bromofluorobenzene	12.477	95	51410	22.515	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	45.040%

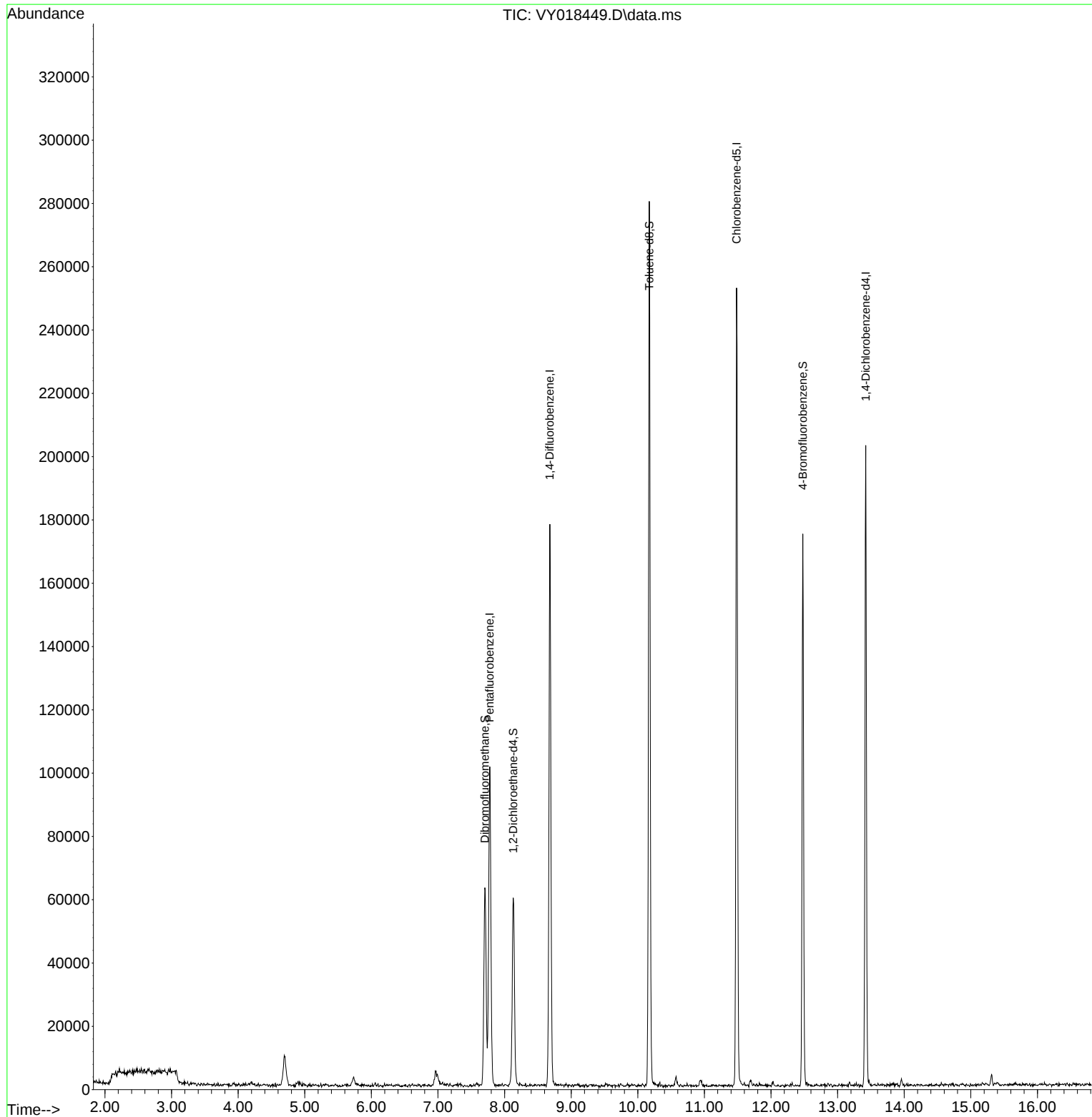
Target Compounds	Qvalue

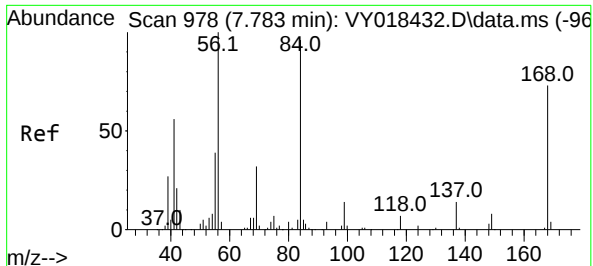
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060324\
Data File : VY018449.D
Acq On : 03 Jun 2024 18:44
Operator : SY/MD
Sample : P2665-02
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Quant Time: Jun 04 05:43:45 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 04 05:38:21 2024
Response via : Initial Calibration

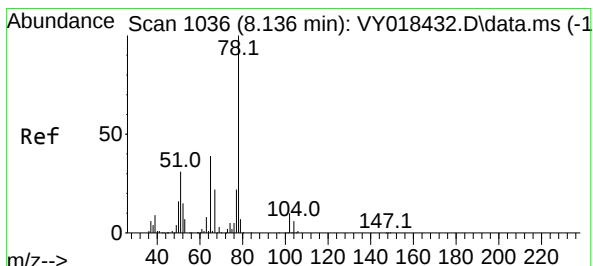
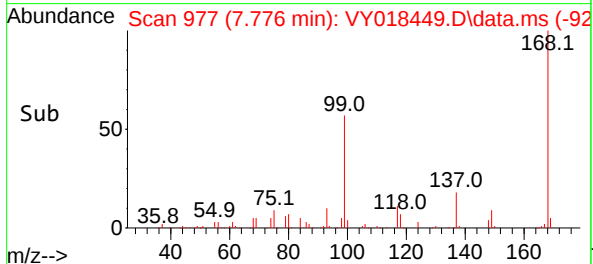
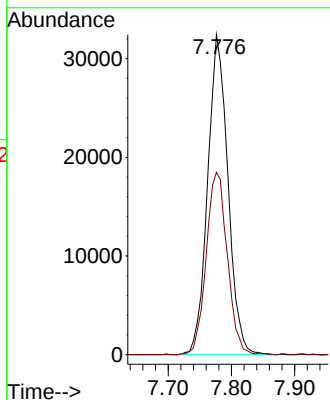
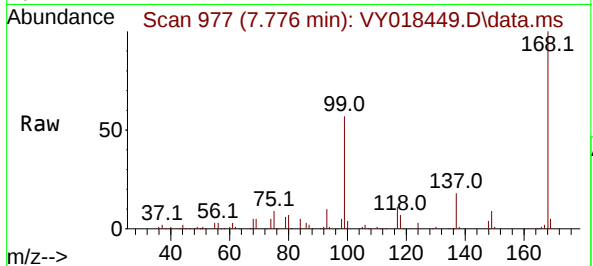




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.776 min Scan# 91
Delta R.T. -0.007 min
Lab File: VY018449.D
Acq: 03 Jun 2024 18:44

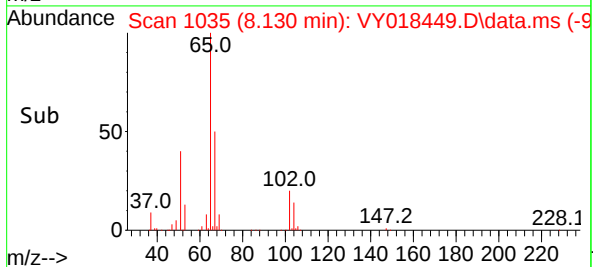
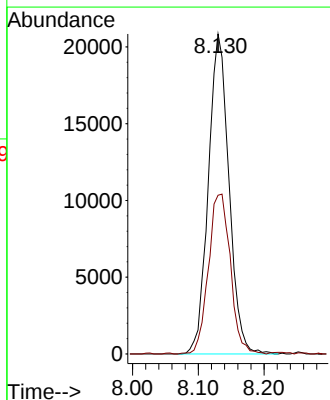
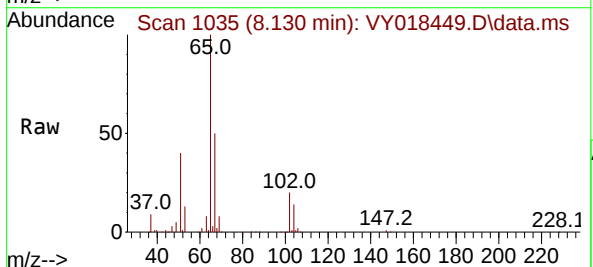
Instrument :
MSVOA_Y
ClientSampleId :
VOC

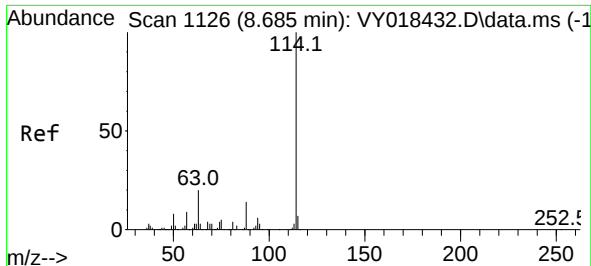
Tgt Ion:168 Resp: 72232
Ion Ratio Lower Upper
168 100
99 57.0 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 32.064 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.007 min
Lab File: VY018449.D
Acq: 03 Jun 2024 18:44

Tgt Ion: 65 Resp: 45483
Ion Ratio Lower Upper
65 100
67 53.2 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: VY018449.D

Acq: 03 Jun 2024 18:44

Instrument :

MSVOA_Y

ClientSampleId :

VOC

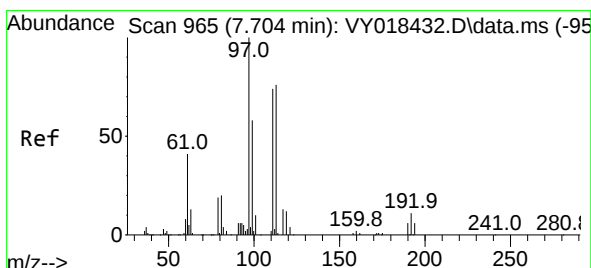
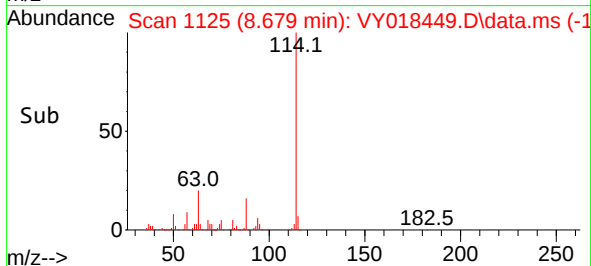
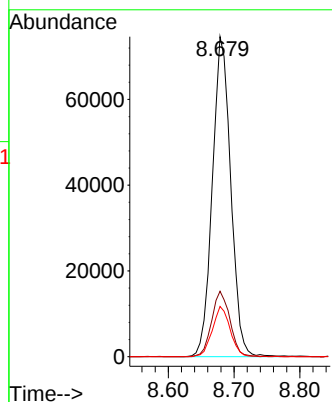
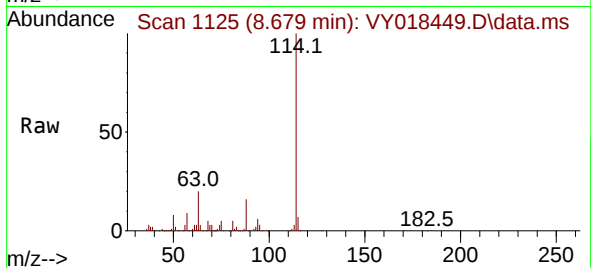
Tgt Ion:114 Resp: 145370

Ion Ratio Lower Upper

114 100

63 20.5 0.0 35.0

88 15.7 0.0 27.2



#35

Dibromofluoromethane

Concen: 24.415 ug/l

RT: 7.703 min Scan# 965

Delta R.T. -0.000 min

Lab File: VY018449.D

Acq: 03 Jun 2024 18:44

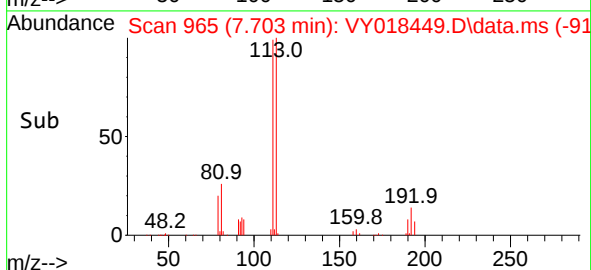
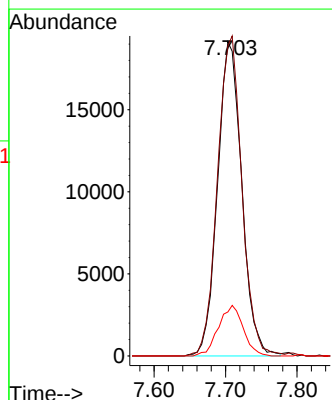
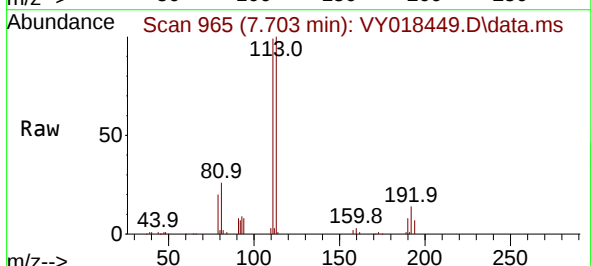
Tgt Ion:113 Resp: 45006

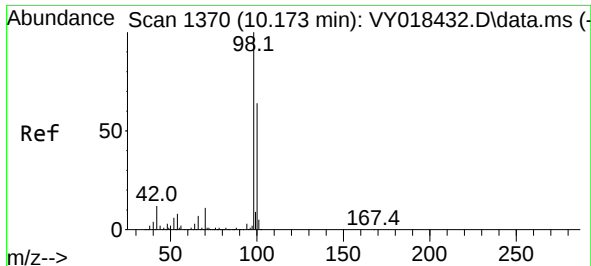
Ion Ratio Lower Upper

113 100

111 102.6 82.2 123.4

192 16.5 15.9 23.9

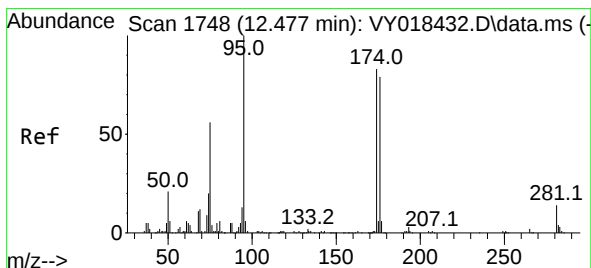
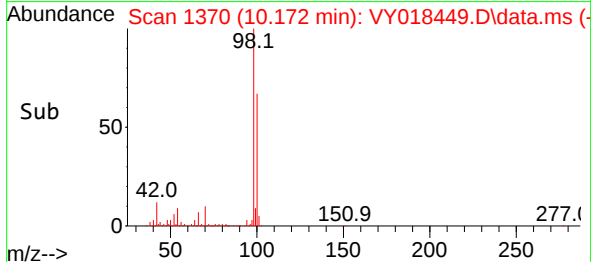
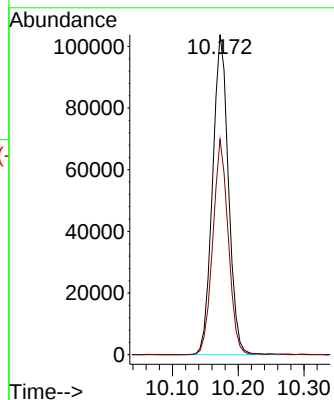
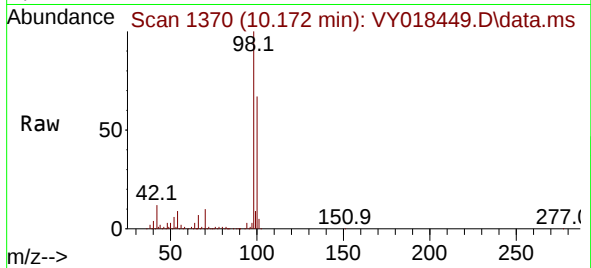




#50
Toluene-d8
Concen: 23.782 ug/l
RT: 10.172 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018449.D
Acq: 03 Jun 2024 18:44

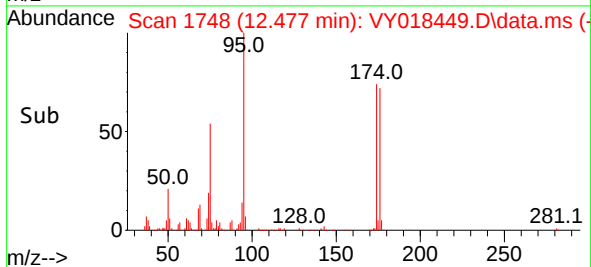
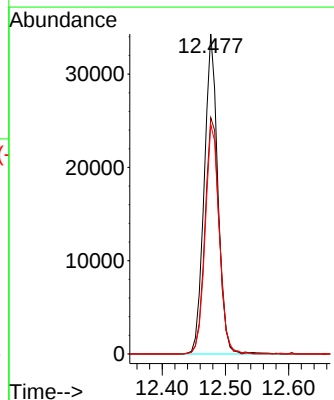
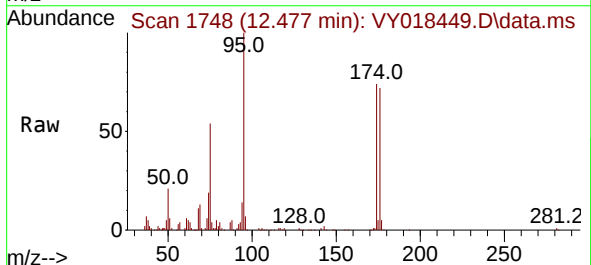
Instrument :
MSVOA_Y
ClientSampleId :
VOC

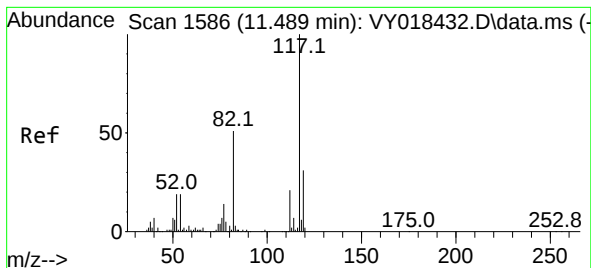
Tgt Ion: 98 Resp: 174405
Ion Ratio Lower Upper
98 100
100 65.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 22.515 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY018449.D
Acq: 03 Jun 2024 18:44

Tgt Ion: 95 Resp: 51410
Ion Ratio Lower Upper
95 100
174 77.1 0.0 175.6
176 74.1 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY018449.D

Acq: 03 Jun 2024 18:44

Instrument :

MSVOA_Y

ClientSampleId :

VOC

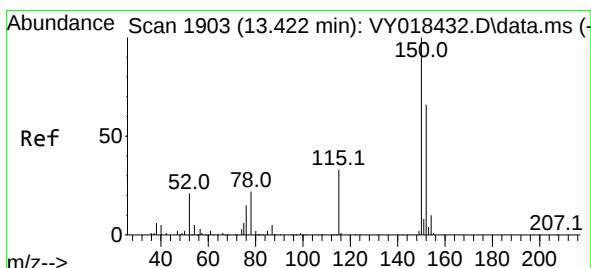
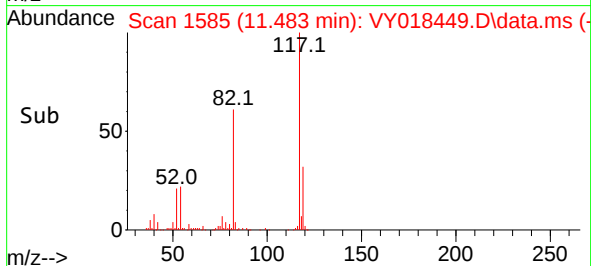
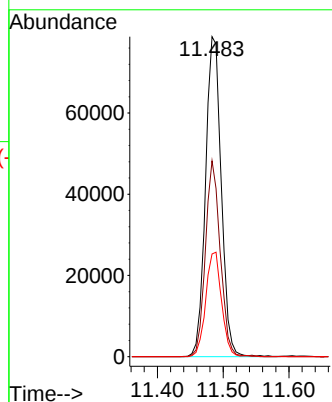
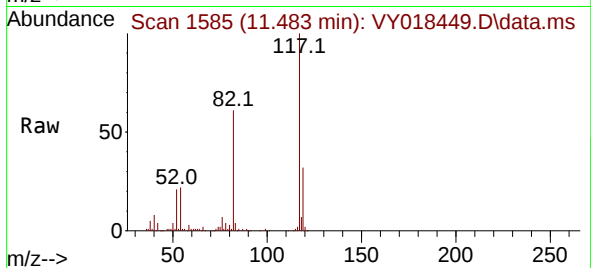
Tgt Ion:117 Resp: 131053

Ion Ratio Lower Upper

117 100

82 61.2 42.4 63.6

119 32.1 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: VY018449.D

Acq: 03 Jun 2024 18:44

Tgt Ion:152 Resp: 46188

Ion Ratio Lower Upper

152 100

115 61.3 28.2 84.7

150 161.9 0.0 345.6

