

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060524\
 Data File : VY018494.D
 Acq On : 05 Jun 2024 19:03
 Operator : SY/MD
 Sample : P2740-03
 Misc : 5.51g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WCS-TPA-VOC

Quant Time: Jun 06 05:59:37 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	58327	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	119402	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	112842	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	41483	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	66357	57.931	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.860%
35) Dibromofluoromethane	7.710	113	58523	38.652	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	77.300%
50) Toluene-d8	10.173	98	237242	39.386	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	78.780%
62) 4-Bromofluorobenzene	12.477	95	65036	34.678	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	69.360%

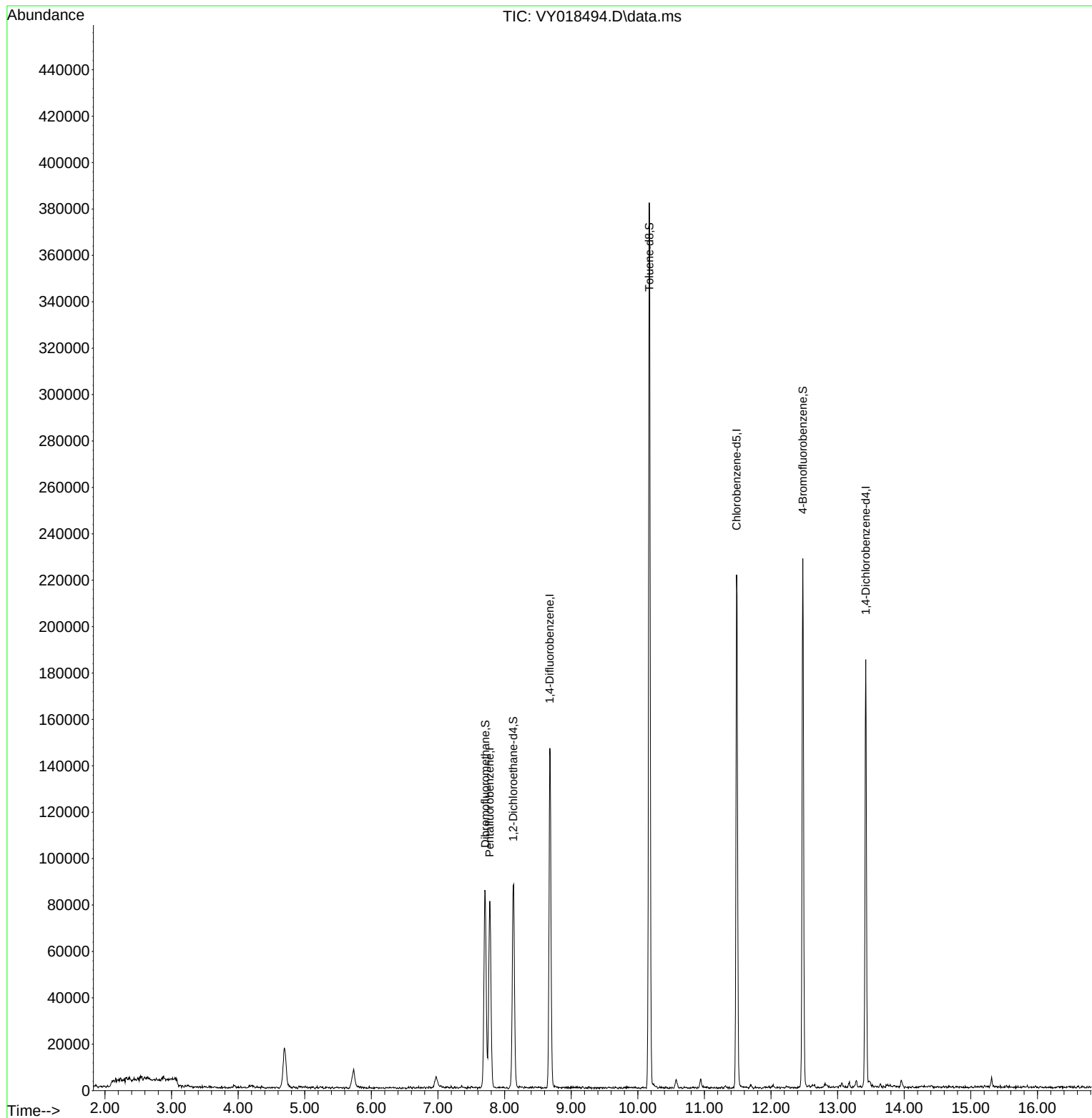
Target Compounds	Qvalue

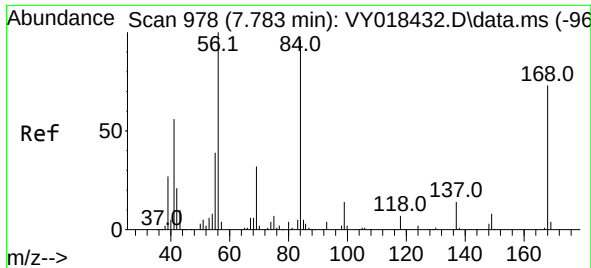
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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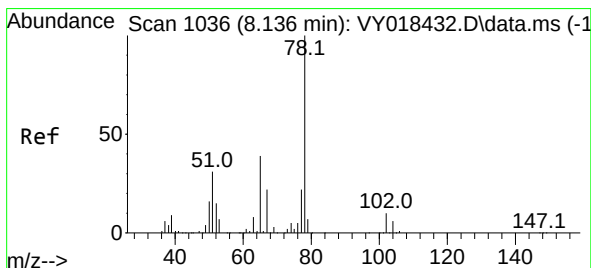
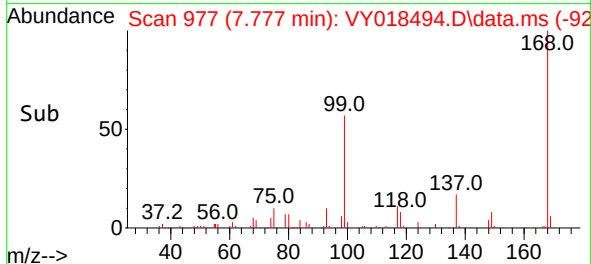
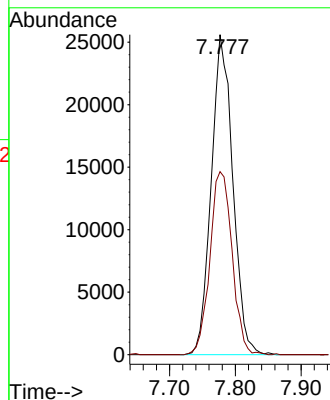
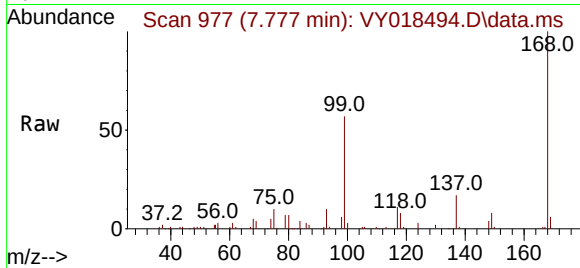




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018494.D
Acq: 05 Jun 2024 19:03

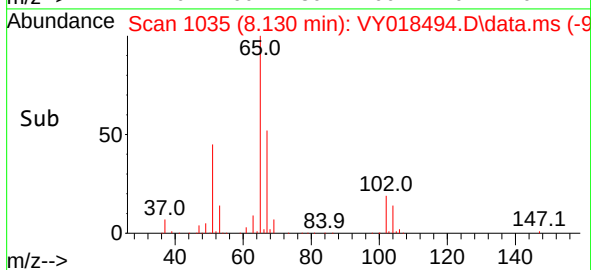
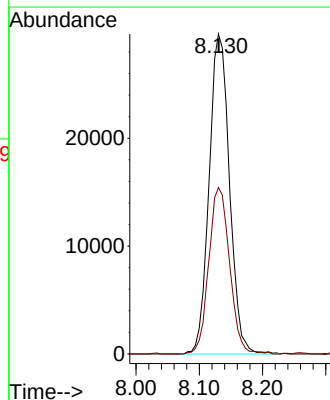
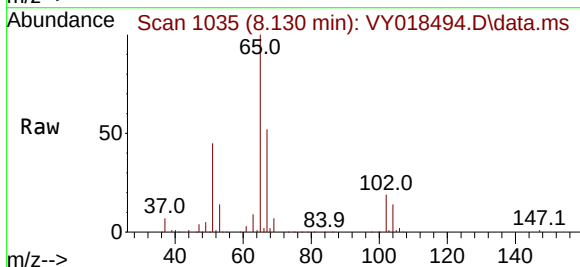
Instrument :
MSVOA_Y
ClientSampleId :
WCS-TPA-VOC

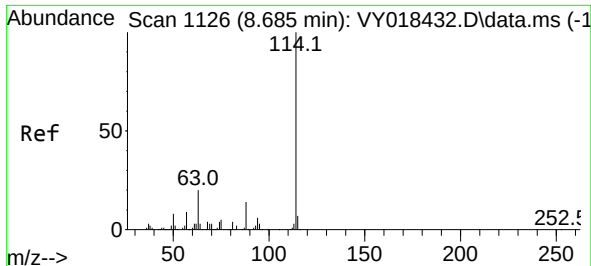
Tgt Ion:168 Resp: 58327
Ion Ratio Lower Upper
168 100
99 57.2 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 57.931 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY018494.D
Acq: 05 Jun 2024 19:03

Tgt Ion: 65 Resp: 66357
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: VY018494.D

Acq: 05 Jun 2024 19:03

Instrument :

MSVOA_Y

ClientSampleId :

WCS-TPA-VOC

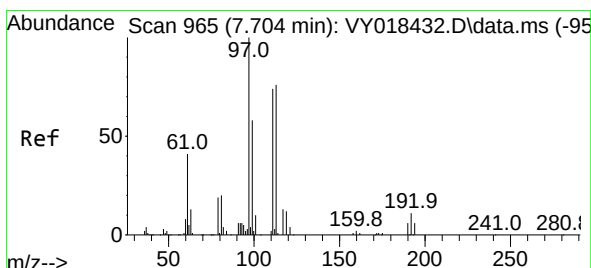
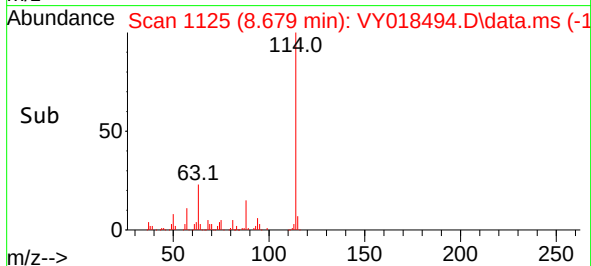
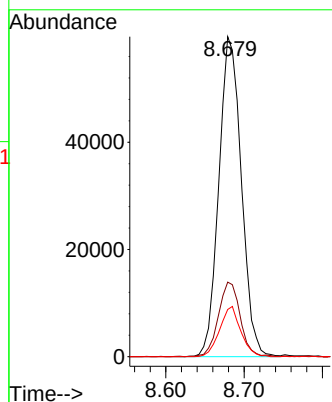
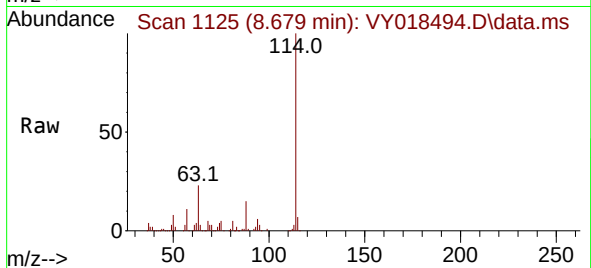
Tgt Ion:114 Resp: 119402

Ion Ratio Lower Upper

114 100

63 23.2 0.0 35.0

88 14.7 0.0 27.2



#35

Dibromofluoromethane

Concen: 38.652 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.006 min

Lab File: VY018494.D

Acq: 05 Jun 2024 19:03

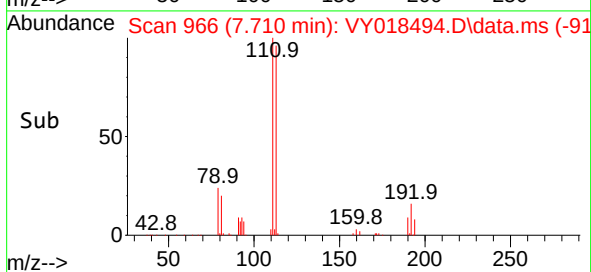
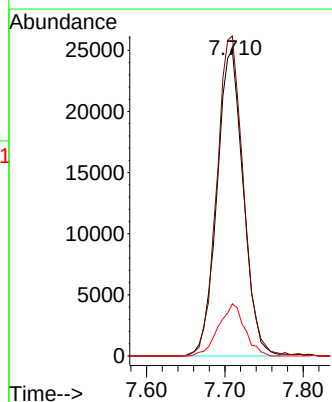
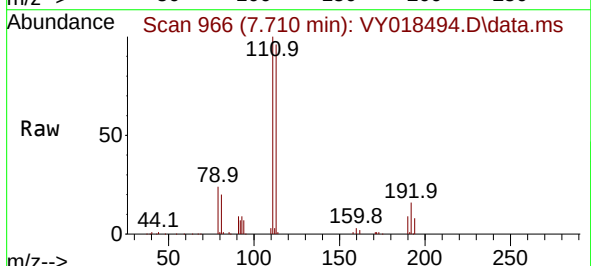
Tgt Ion:113 Resp: 58523

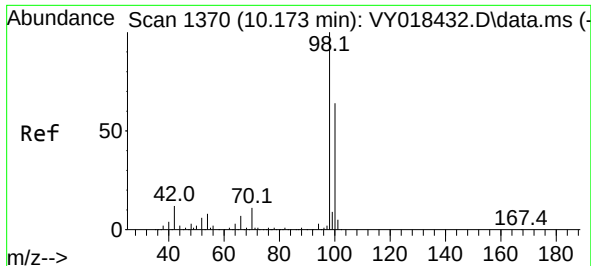
Ion Ratio Lower Upper

113 100

111 104.7 82.2 123.4

192 16.9 15.9 23.9

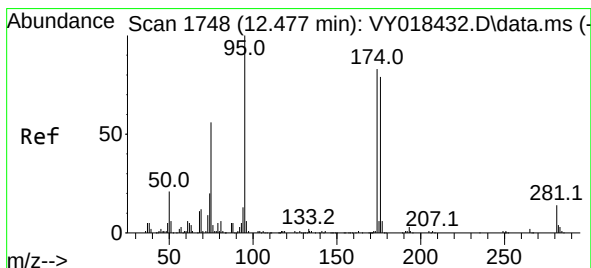
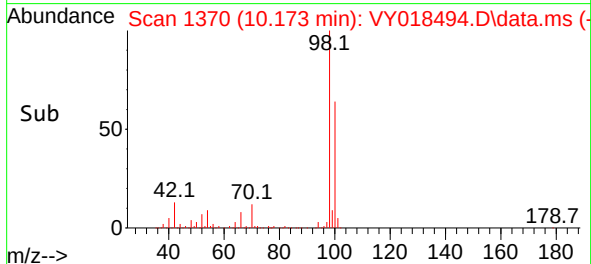
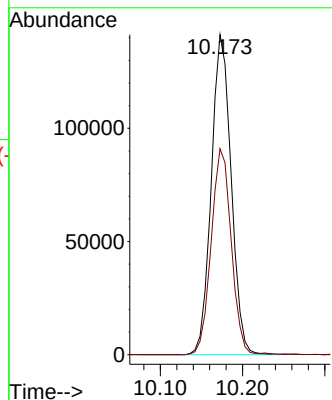
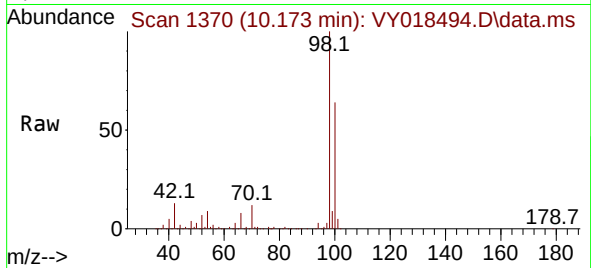




#50
Toluene-d8
Concen: 39.386 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018494.D
Acq: 05 Jun 2024 19:03

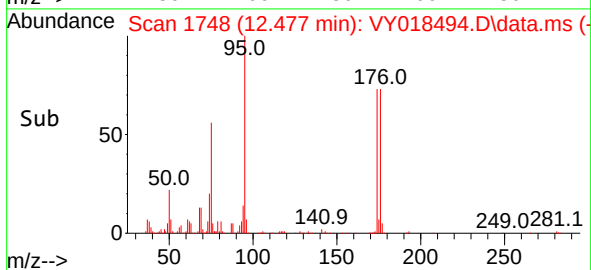
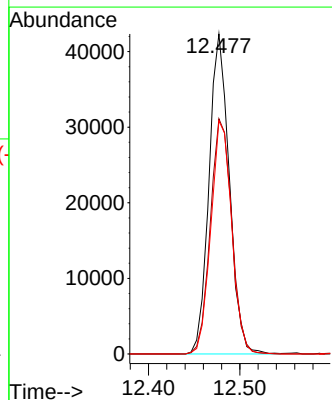
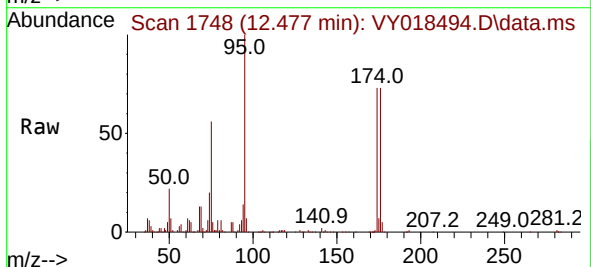
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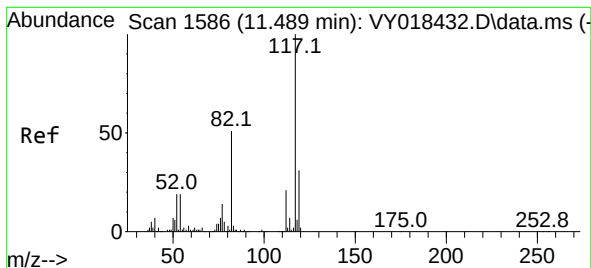
Tgt Ion: 98 Resp: 237242
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 34.678 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY018494.D
Acq: 05 Jun 2024 19:03

Tgt Ion: 95 Resp: 65036
Ion Ratio Lower Upper
95 100
174 77.6 0.0 175.6
176 74.7 0.0 171.4

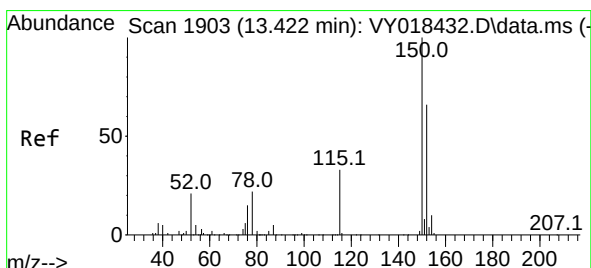
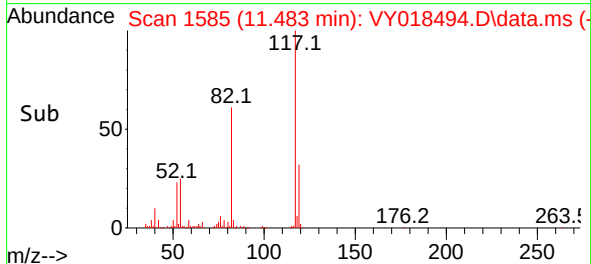
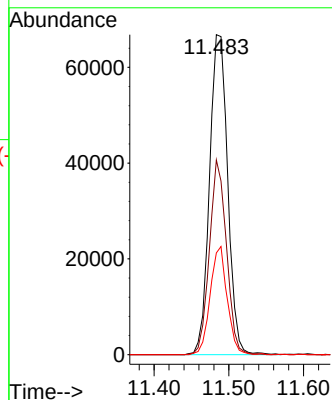
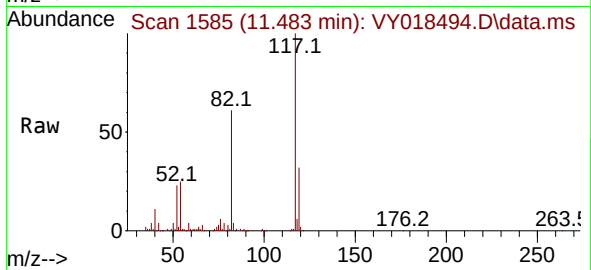




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY018494.D
Acq: 05 Jun 2024 19:03

Instrument :
MSVOA_Y
ClientSampleId :
WCS-TPA-VOC

Tgt Ion:117 Resp: 112842
Ion Ratio Lower Upper
117 100
82 60.8 42.4 63.6
119 31.8 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: VY018494.D
Acq: 05 Jun 2024 19:03

Tgt Ion:152 Resp: 41483
Ion Ratio Lower Upper
152 100
115 62.8 28.2 84.7
150 157.6 0.0 345.6

