

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120324\
 Data File : VY020497.D
 Acq On : 03 Dec 2024 11:30
 Operator : SY/MD
 Sample : P5052-21
 Misc : 3.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-640-VOC-63

Quant Time: Dec 03 21:43:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 01:39:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.725	168	191635	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.627	114	366421	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	324684	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	111199	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	105624	54.195	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.400%
35) Dibromofluoromethane	7.646	113	110668	47.975	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.940%
50) Toluene-d8	10.115	98	436971	49.747	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.500%
62) 4-Bromofluorobenzene	12.413	95	129008	41.993	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	83.980%

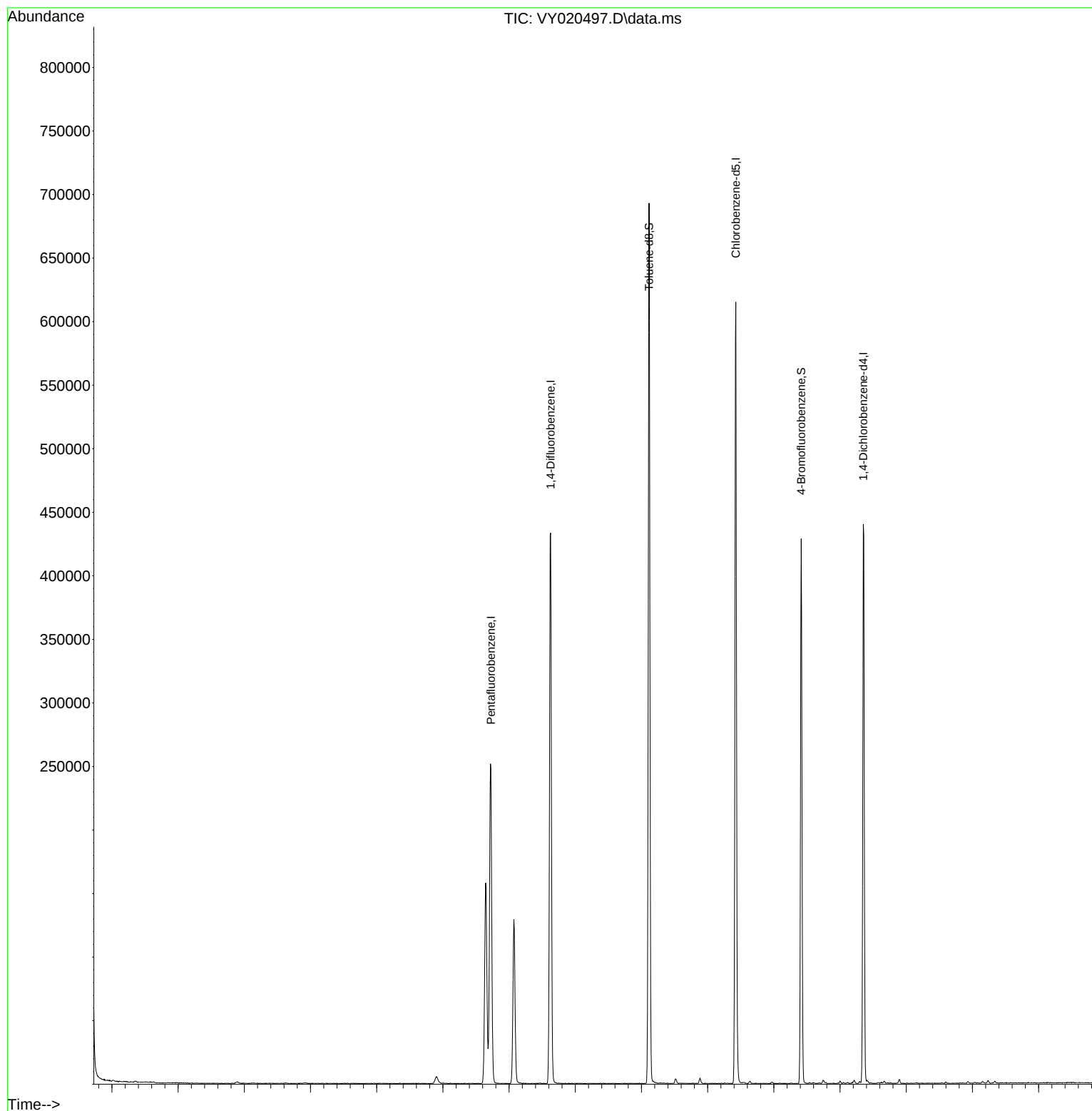
Target Compounds Qvalue

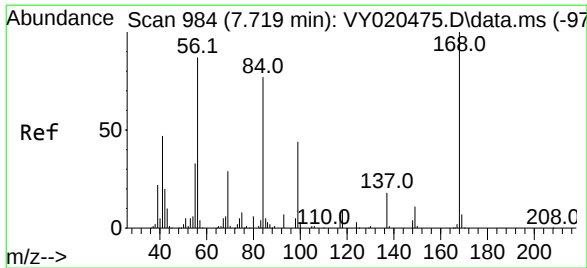
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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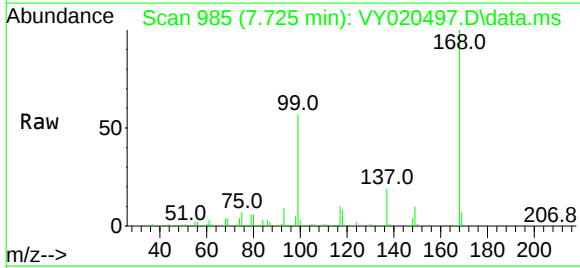
Quant Time: Dec 03 21:43:49 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
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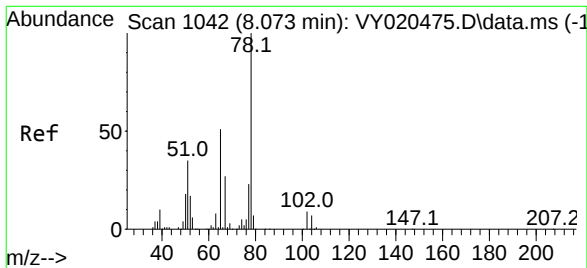
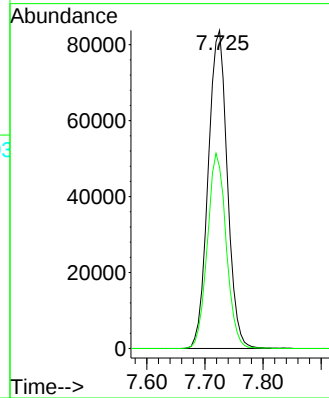
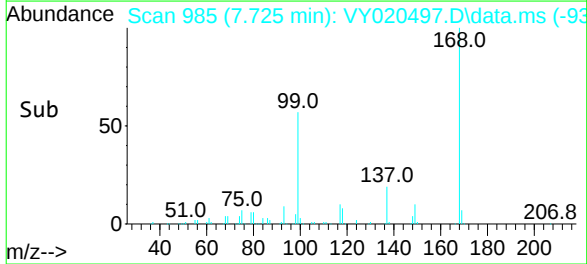


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.725 min Scan# 984
Delta R.T. 0.006 min
Lab File: VY020497.D
Acq: 03 Dec 2024 11:30

Instrument :
MSVOA_Y
ClientSampleId :
OR-640-VOC-63

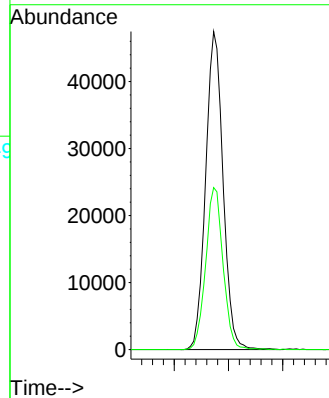
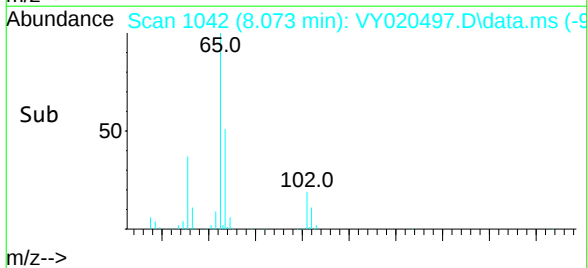
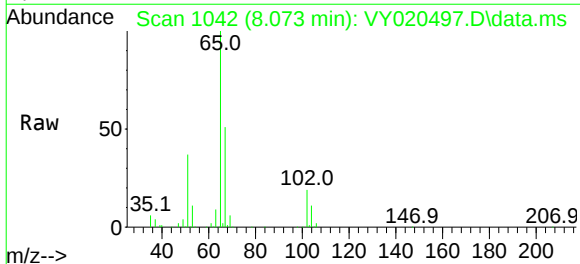


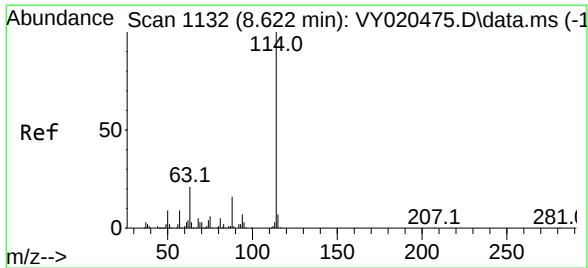
Tgt Ion:168 Resp: 191635
Ion Ratio Lower Upper
168 100
99 57.0 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 54.195 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VY020497.D
Acq: 03 Dec 2024 11:30

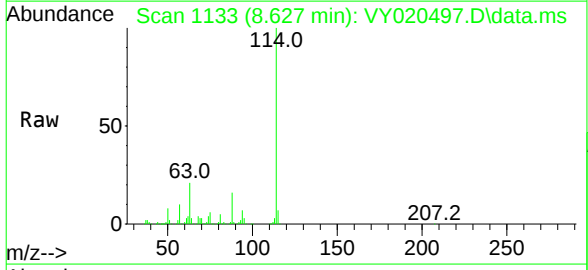
Tgt Ion: 65 Resp: 105624
Ion Ratio Lower Upper
65 100
67 50.9 0.0 105.8



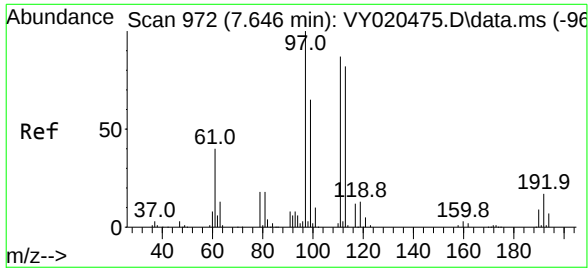
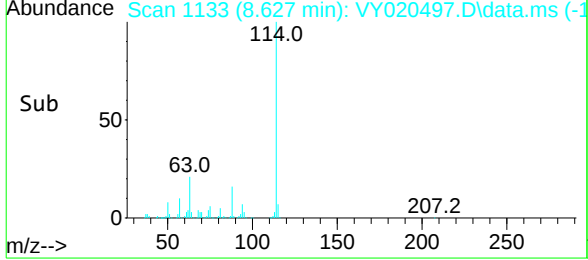
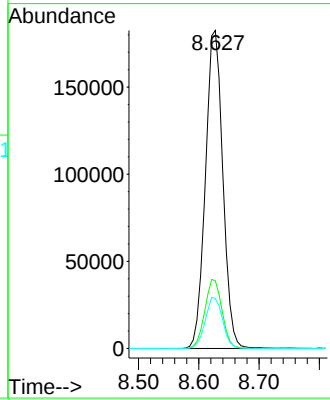


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.627 min Scan# 1133
Delta R.T. 0.006 min
Lab File: VY020497.D
Acq: 03 Dec 2024 11:30

Instrument :
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OR-640-VOC-63

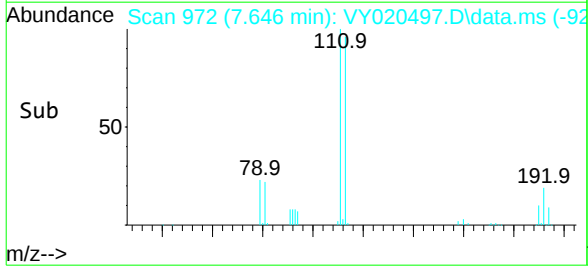
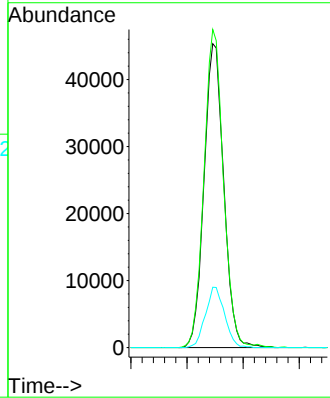
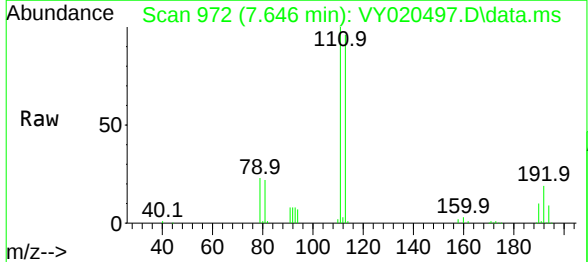


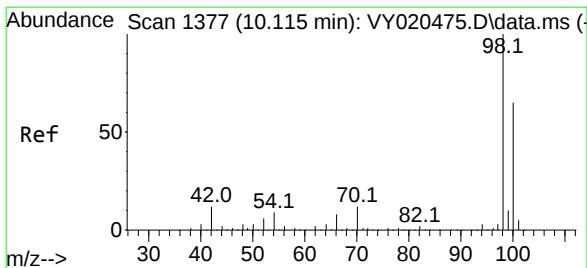
Tgt Ion:	114	Resp:	366421
Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	44.8
88	15.7	0.0	32.0



#35
Dibromofluoromethane
Concen: 47.975 ug/l
RT: 7.646 min Scan# 972
Delta R.T. -0.000 min
Lab File: VY020497.D
Acq: 03 Dec 2024 11:30

Tgt Ion:	113	Resp:	110668
Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.4	122.0
192	19.3	15.1	22.7





#50

Toluene-d8

Concen: 49.747 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. -0.000 min

Lab File: VY020497.D

Acq: 03 Dec 2024 11:30

Instrument :

MSVOA_Y

ClientSampleId :

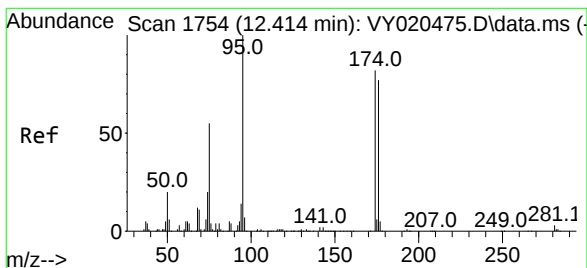
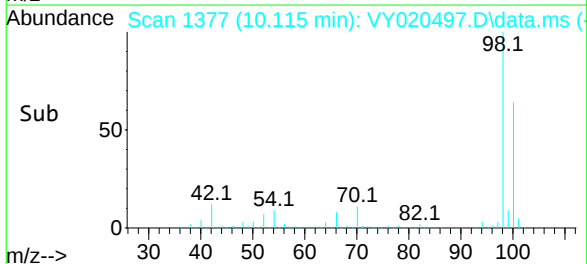
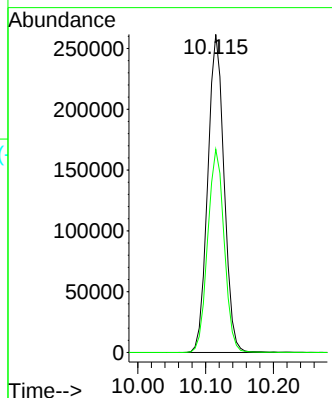
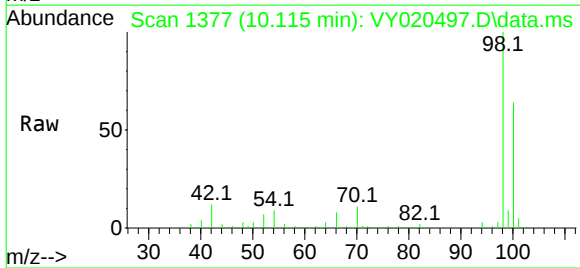
OR-640-VOC-63

Tgt Ion: 98 Resp: 436971

Ion Ratio Lower Upper

98 100

100 64.5 51.3 76.9



#62

4-Bromofluorobenzene

Concen: 41.993 ug/l

RT: 12.413 min Scan# 1754

Delta R.T. -0.000 min

Lab File: VY020497.D

Acq: 03 Dec 2024 11:30

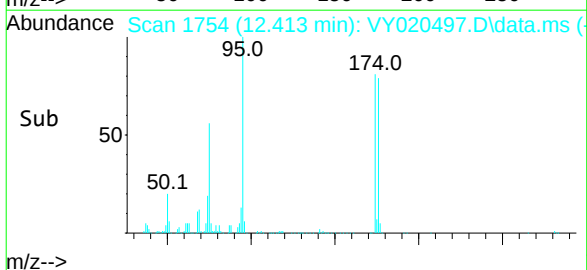
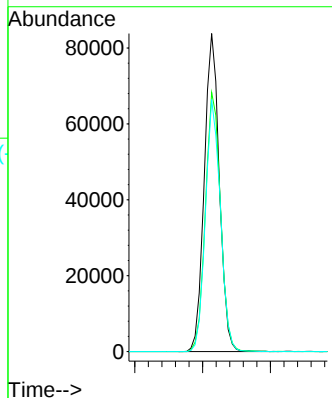
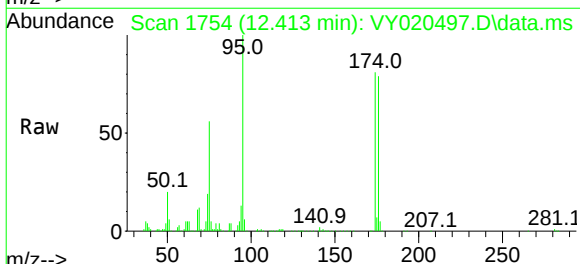
Tgt Ion: 95 Resp: 129008

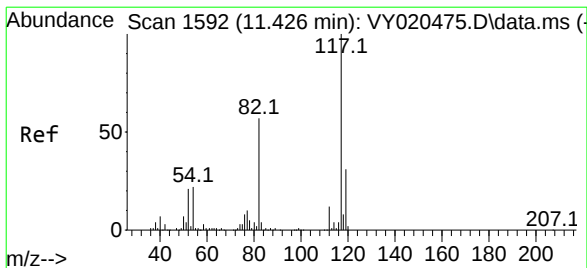
Ion Ratio Lower Upper

95 100

174 82.1 0.0 156.8

176 78.8 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 1592

Delta R.T. -0.000 min

Lab File: VY020497.D

Acq: 03 Dec 2024 11:30

Instrument :

MSVOA_Y

ClientSampleId :

OR-640-VOC-63

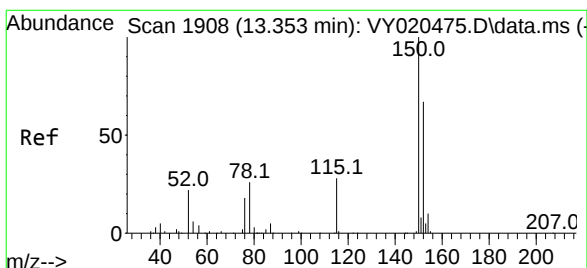
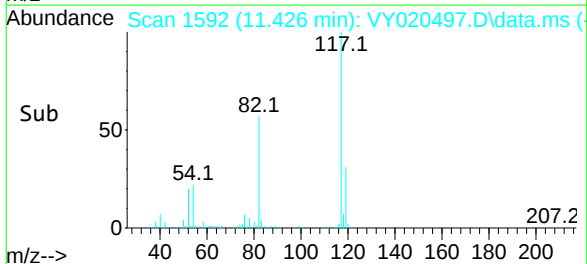
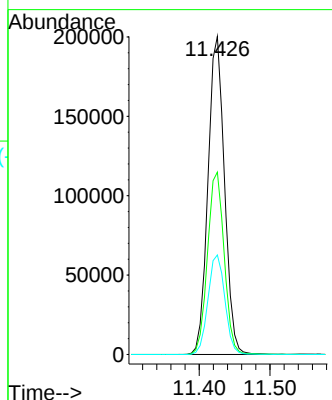
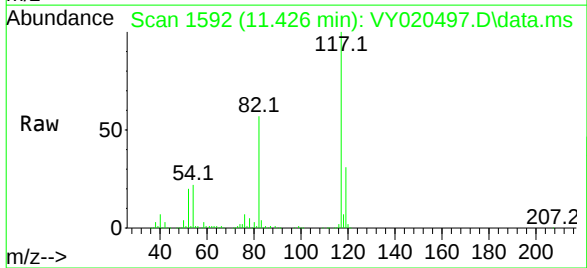
Tgt Ion:117 Resp: 324684

Ion Ratio Lower Upper

117 100

82 57.3 48.2 72.4

119 31.3 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY020497.D

Acq: 03 Dec 2024 11:30

Tgt Ion:152 Resp: 111199

Ion Ratio Lower Upper

152 100

115 60.7 30.0 90.0

150 155.9 0.0 348.2

