

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121024\
 Data File : VY020565.D
 Acq On : 10 Dec 2024 13:26
 Operator : SY/MD
 Sample : P5216-11
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-744-VOC

Quant Time: Dec 11 00:48:41 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	7.707	168	166042	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.610	114	288530	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.414	117	252350	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.347	152	109064	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	103915	61.536	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.080%
35) Dibromofluoromethane	7.628	113	93280	51.353	ug/l	-0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.700%
50) Toluene-d8	10.103	98	347966	50.308	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.620%
62) 4-Bromofluorobenzene	12.402	95	115028	47.550	ug/l	-0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	=	95.100%

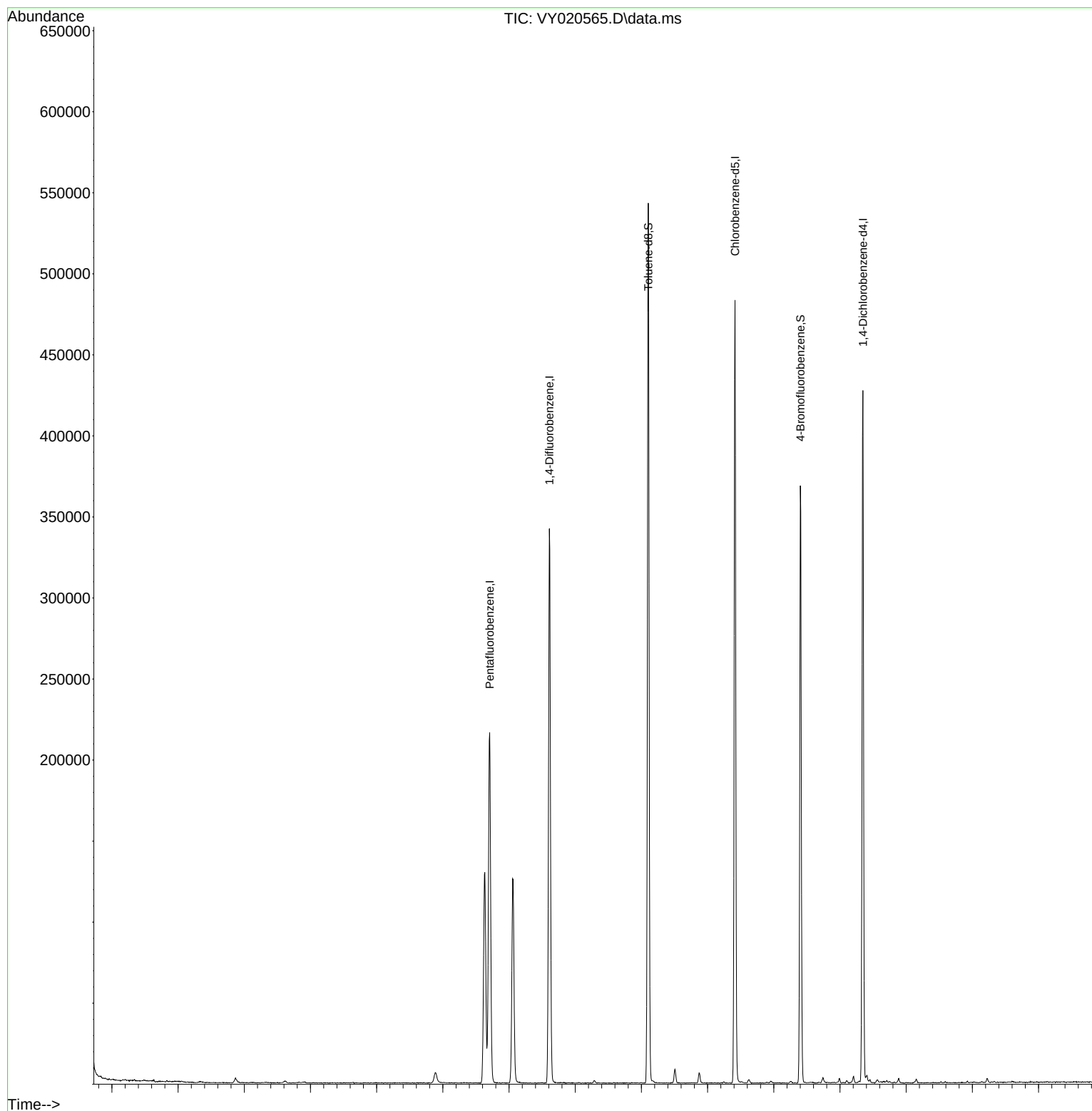
Target Compounds	Qvalue

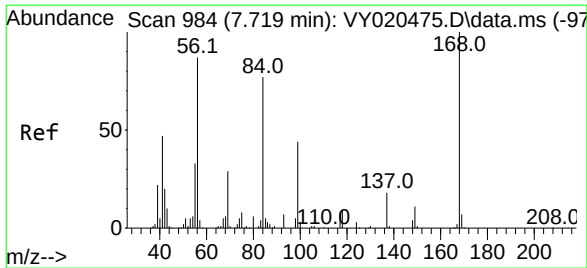
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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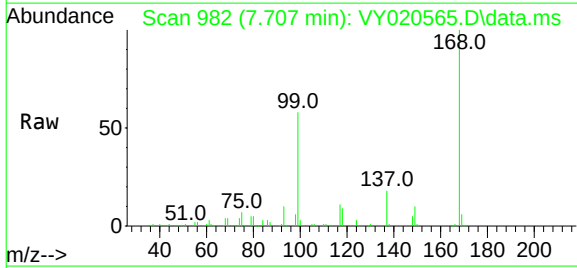
Quant Time: Dec 11 00:48:41 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
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QLast Update : Tue Dec 03 01:39:23 2024
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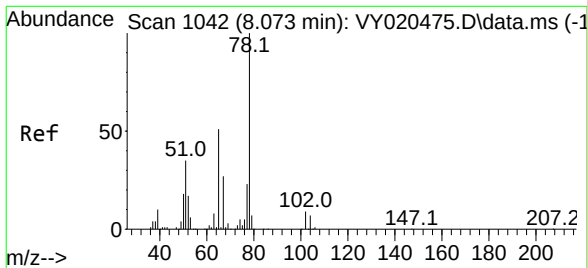
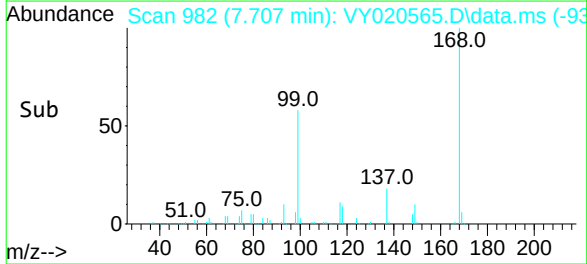
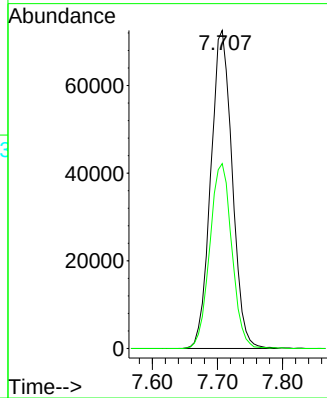


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. -0.012 min
Lab File: VY020565.D
Acq: 10 Dec 2024 13:26

Instrument :
MSVOA_Y
ClientSampleId :
MH-744-VOC

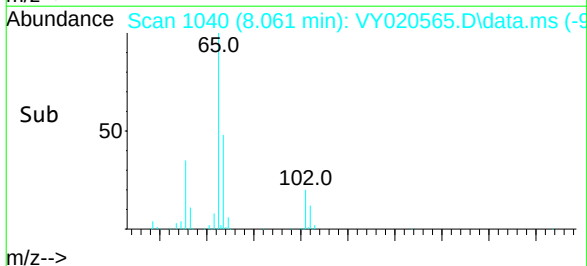
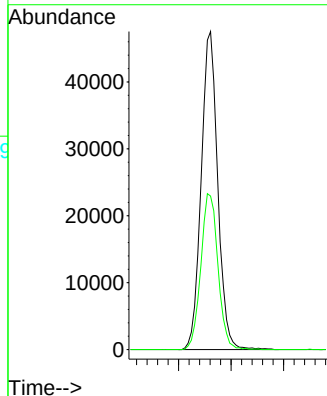
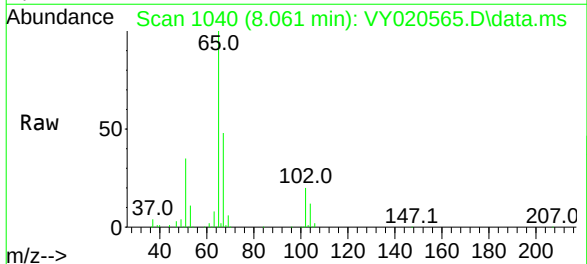


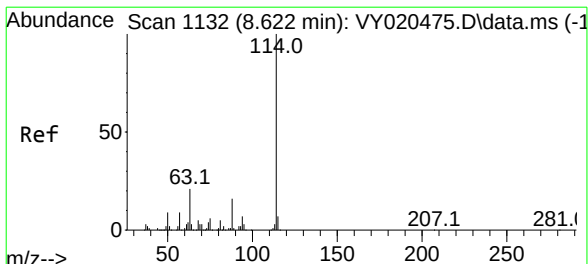
Tgt Ion:168 Resp: 166042
Ion Ratio Lower Upper
168 100
99 58.1 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 61.536 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.012 min
Lab File: VY020565.D
Acq: 10 Dec 2024 13:26

Tgt Ion: 65 Resp: 103915
Ion Ratio Lower Upper
65 100
67 50.8 0.0 105.8

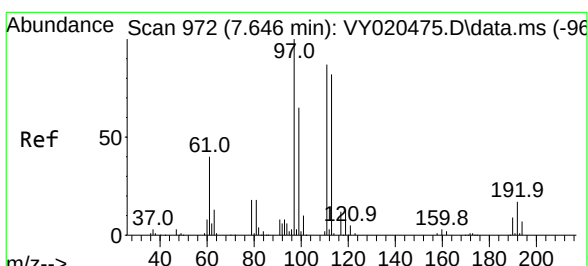
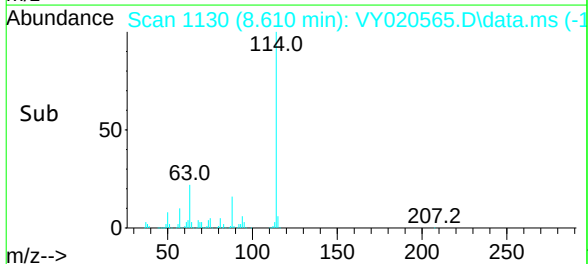
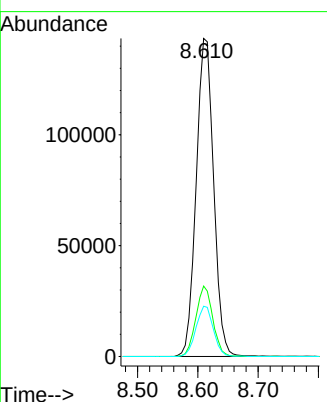
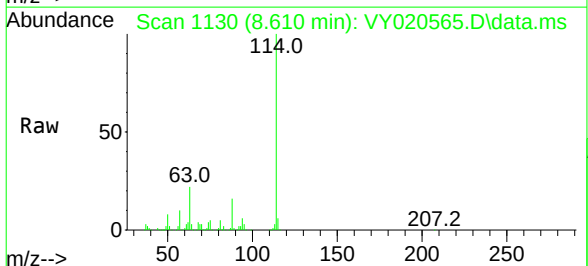




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.610 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: VY020565.D
 Acq: 10 Dec 2024 13:26

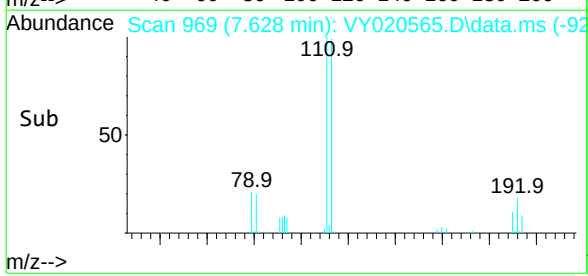
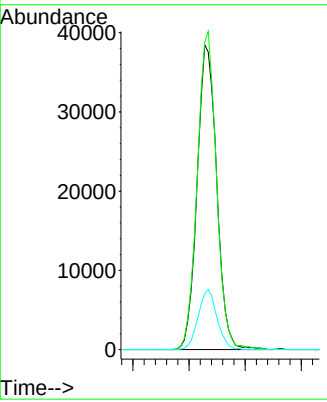
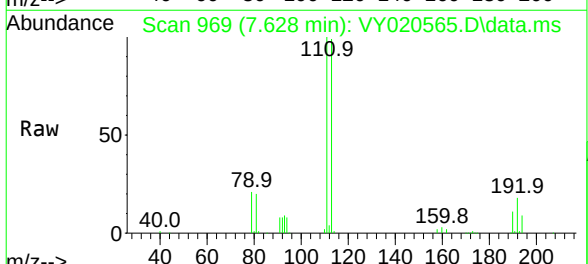
Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-744-VOC

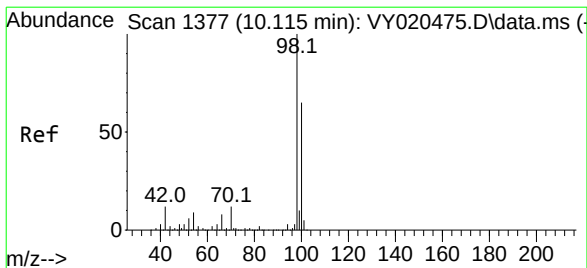
Tgt Ion:	114	Resp:	288530
Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	44.8
88	15.8	0.0	32.0



#35
 Dibromofluoromethane
 Concen: 51.353 ug/l
 RT: 7.628 min Scan# 969
 Delta R.T. -0.018 min
 Lab File: VY020565.D
 Acq: 10 Dec 2024 13:26

Tgt Ion:	113	Resp:	93280
Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.4	122.0
192	18.9	15.1	22.7





#50

Toluene-d8

Concen: 50.308 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.012 min

Lab File: VY020565.D

Acq: 10 Dec 2024 13:26

Instrument :

MSVOA_Y

ClientSampleId :

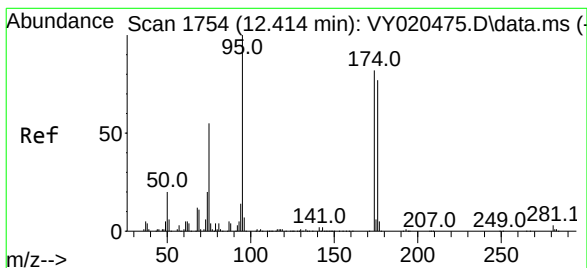
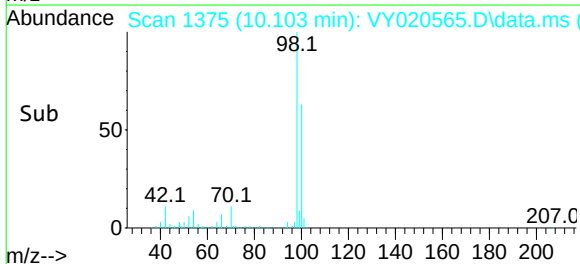
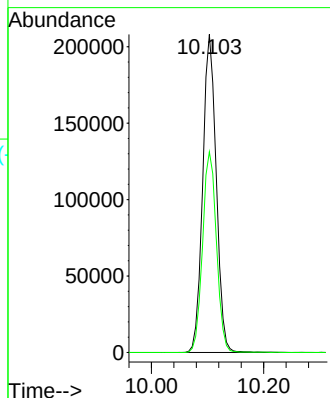
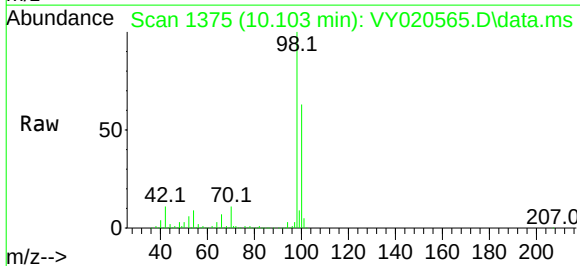
MH-744-VOC

Tgt Ion: 98 Resp: 347966

Ion Ratio Lower Upper

98 100

100 64.8 51.3 76.9



#62

4-Bromofluorobenzene

Concen: 47.550 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.012 min

Lab File: VY020565.D

Acq: 10 Dec 2024 13:26

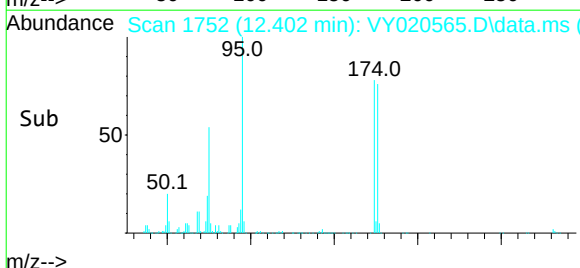
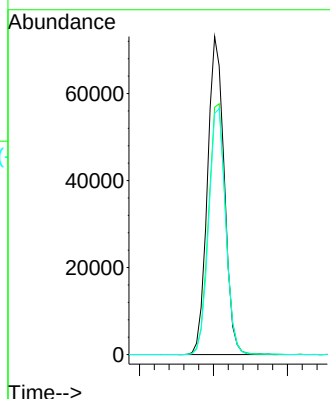
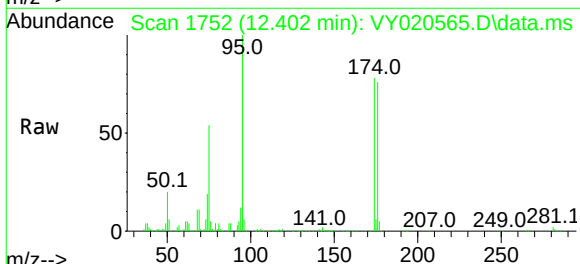
Tgt Ion: 95 Resp: 115028

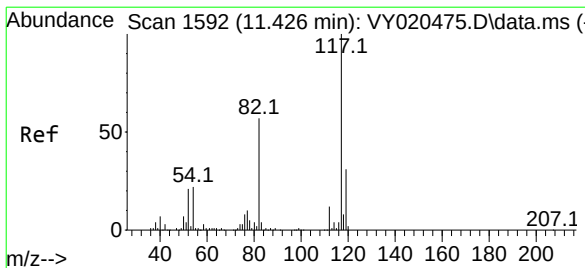
Ion Ratio Lower Upper

95 100

174 80.4 0.0 156.8

176 78.0 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 15

Delta R.T. -0.012 min

Lab File: VY020565.D

Acq: 10 Dec 2024 13:26

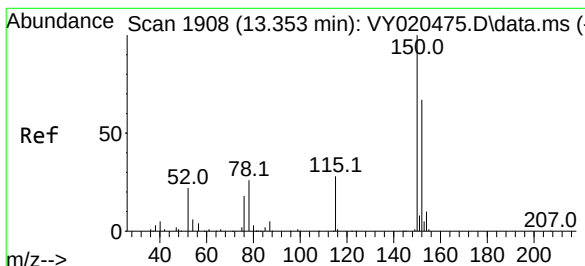
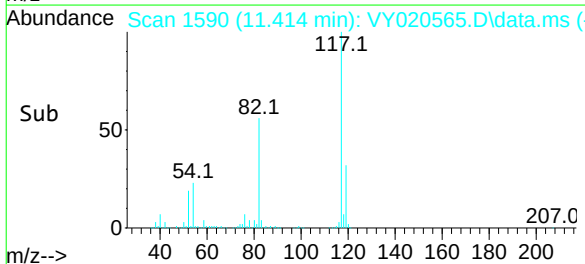
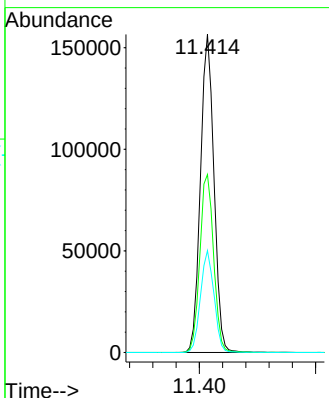
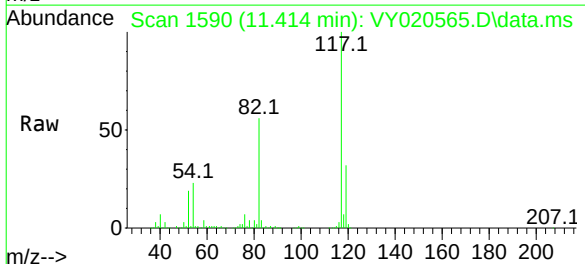
Instrument :

MSVOA_Y

ClientSampleId :

MH-744-VOC

Tgt Ion:	117	Resp:	252350
Ion	Ratio	Lower	Upper
117	100		
82	56.0	48.2	72.4
119	32.0	25.8	38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY020565.D

Acq: 10 Dec 2024 13:26

Tgt Ion:	152	Resp:	109064
Ion	Ratio	Lower	Upper
152	100		
115	58.3	30.0	90.0
150	155.5	0.0	348.2

