

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010825\
 Data File : VY020804.D
 Acq On : 08 Jan 2025 12:14
 Operator : SY/MD
 Sample : Q1025-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GREENBROOK-COMP

Quant Time: Jan 09 00:20:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 01:31:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	2446	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	3148	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	875	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.365	152	179	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	899	43.242	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.480%
35) Dibromofluoromethane	7.646	113	1094	55.471	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.940%
50) Toluene-d8	10.121	98	2590	37.672	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	75.340%
62) 4-Bromofluorobenzene	12.426	95	285	11.226	ug/l	0.02
Spiked Amount	50.000	Range	29 - 146	Recovery	=	22.460%#

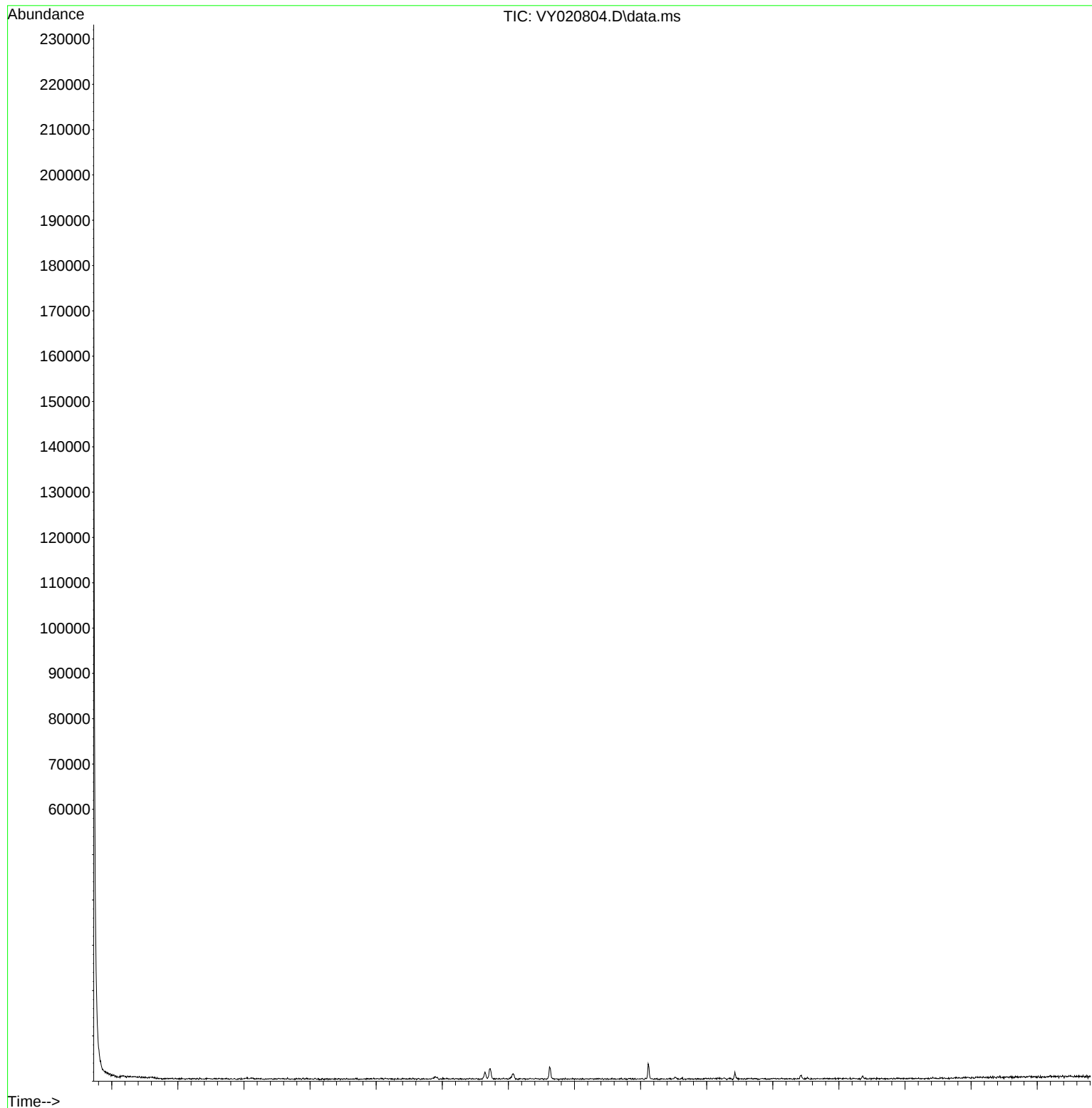
Target Compounds	Qvalue

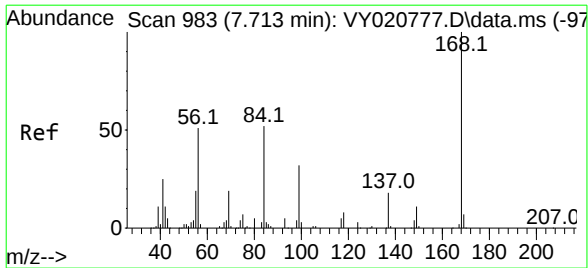
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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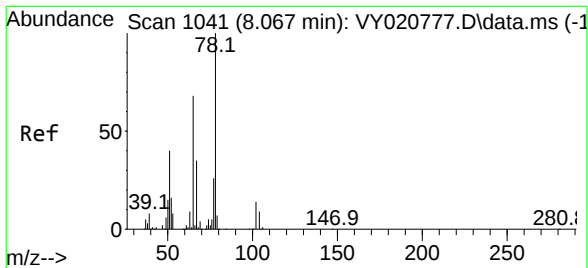
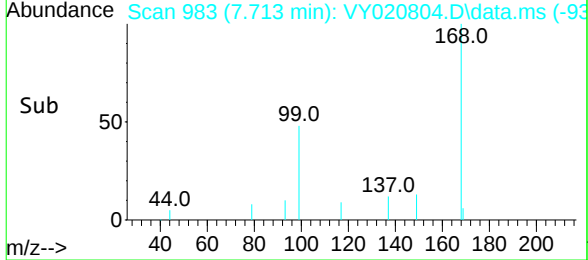
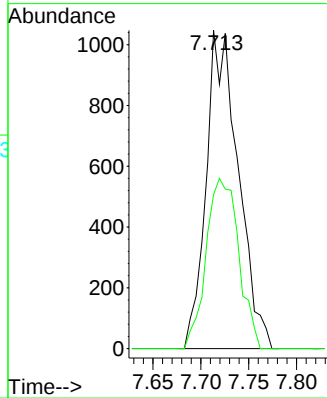
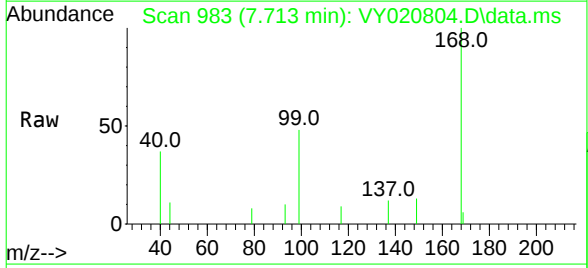




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY020804.D
Acq: 08 Jan 2025 12:14

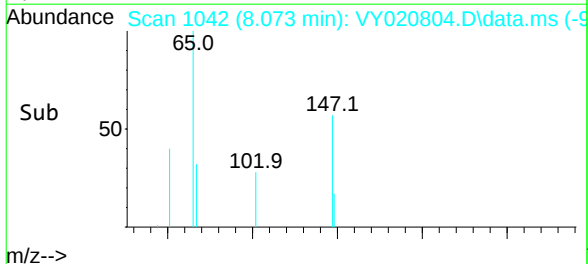
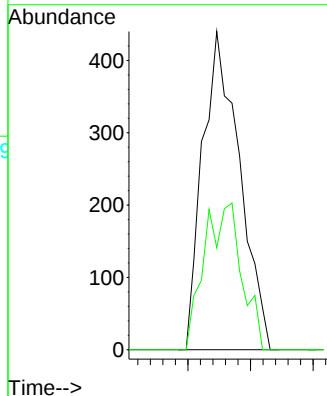
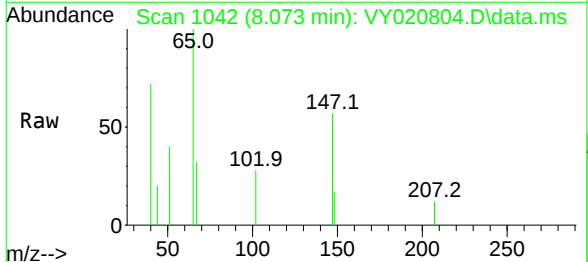
Instrument :
MSVOA_Y
ClientSampleId :
GREENBROOK-COMP

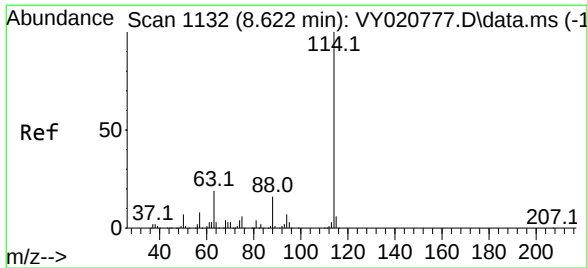
Tgt Ion: 168 Resp: 2446
Ion Ratio Lower Upper
168 100
99 48.4 44.3 66.5



#33
1,2-Dichloroethane-d4
Concen: 43.242 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VY020804.D
Acq: 08 Jan 2025 12:14

Tgt Ion: 65 Resp: 899
Ion Ratio Lower Upper
65 100
67 46.7 0.0 102.8

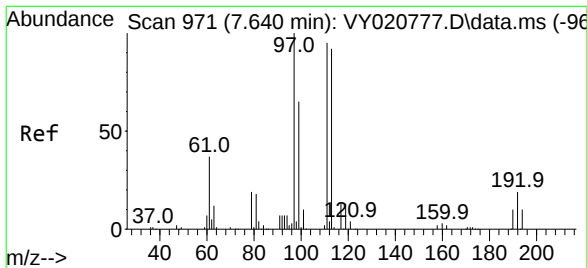
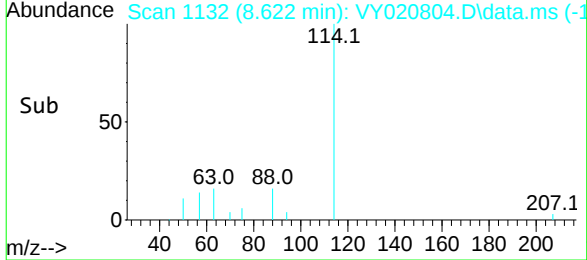
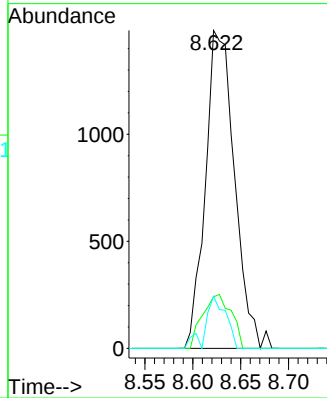
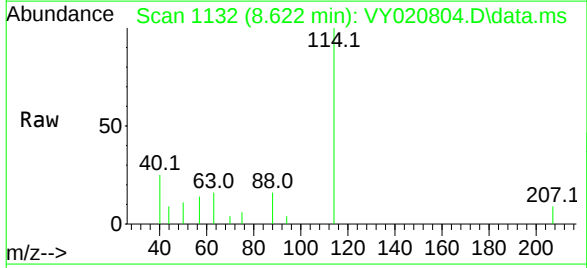




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VY020804.D
Acq: 08 Jan 2025 12:14

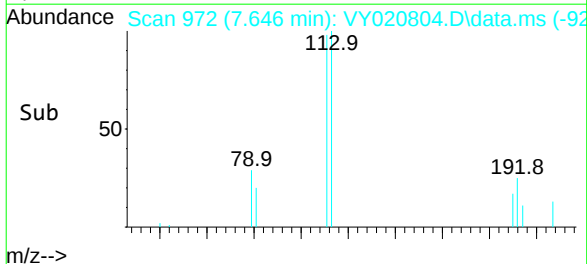
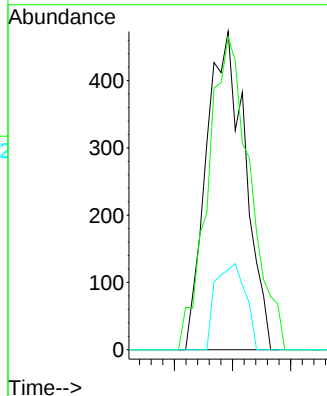
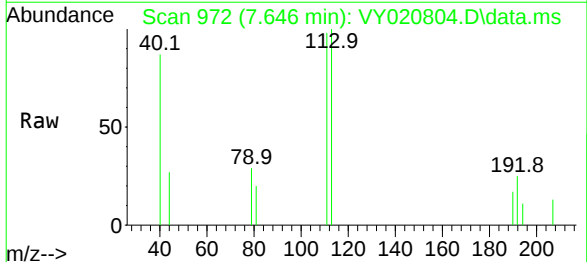
Instrument :
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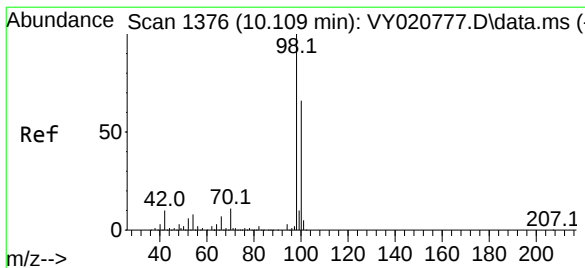
Tgt Ion:	114	Resp:	3148
Ion	Ratio	Lower	Upper
114	100		
63	16.2	0.0	38.4
88	16.4	0.0	31.2



#35
Dibromofluoromethane
Concen: 55.471 ug/l
RT: 7.646 min Scan# 972
Delta R.T. 0.006 min
Lab File: VY020804.D
Acq: 08 Jan 2025 12:14

Tgt Ion:	113	Resp:	1094
Ion	Ratio	Lower	Upper
113	100		
111	106.9	81.7	122.5
192	20.8	16.7	25.1





#50

Toluene-d8

Concen: 37.672 ug/l

RT: 10.121 min Scan# 13

Delta R.T. 0.012 min

Lab File: VY020804.D

Acq: 08 Jan 2025 12:14

Instrument :

MSVOA_Y

ClientSampleId :

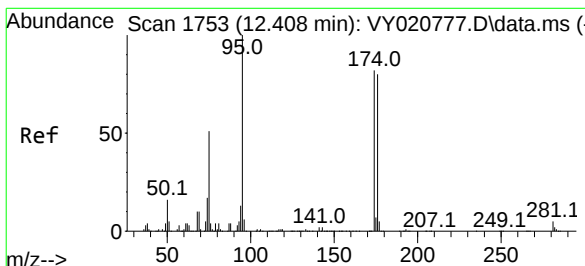
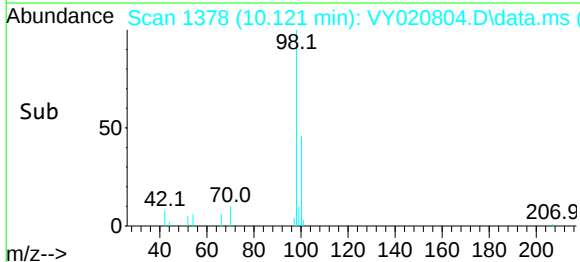
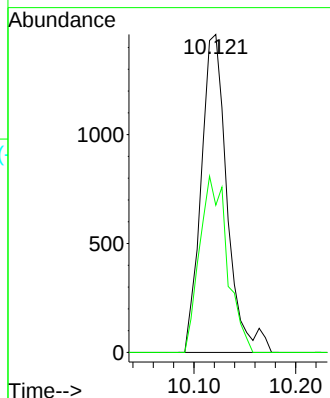
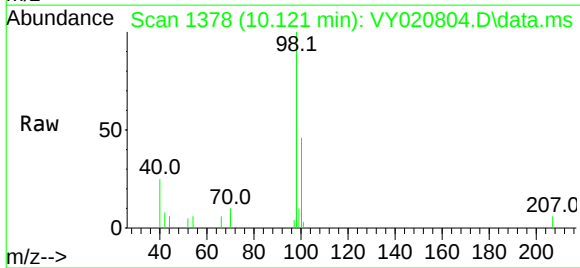
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Tgt Ion: 98 Resp: 2590

Ion Ratio Lower Upper

98 100

100 59.1 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 11.226 ug/l

RT: 12.426 min Scan# 1756

Delta R.T. 0.018 min

Lab File: VY020804.D

Acq: 08 Jan 2025 12:14

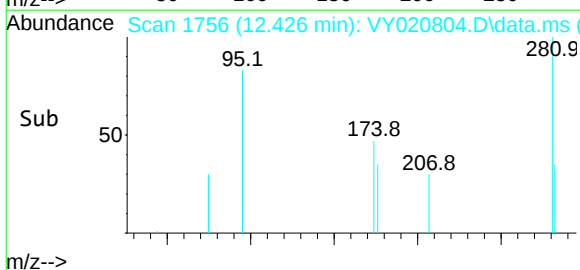
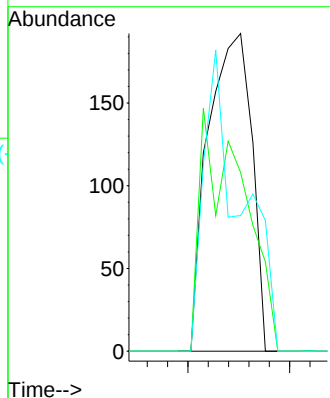
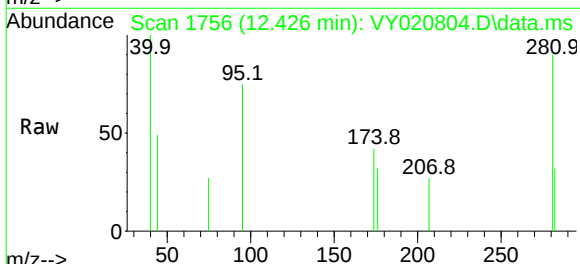
Tgt Ion: 95 Resp: 285

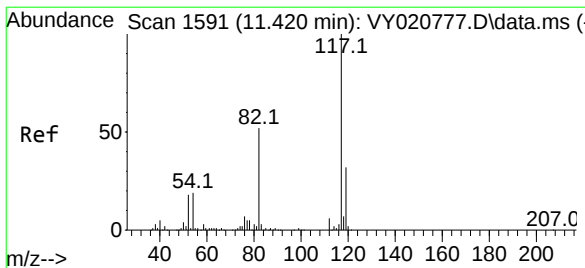
Ion Ratio Lower Upper

95 100

174 76.1 0.0 178.0

176 81.1 0.0 172.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 15

Delta R.T. 0.006 min

Lab File: VY020804.D

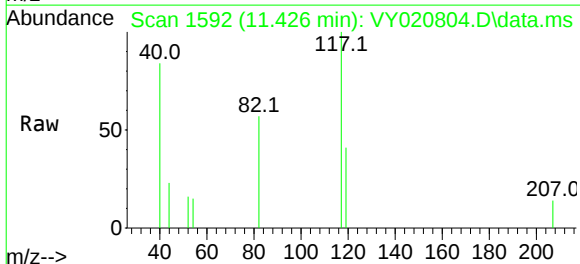
Acq: 08 Jan 2025 12:14

Instrument :

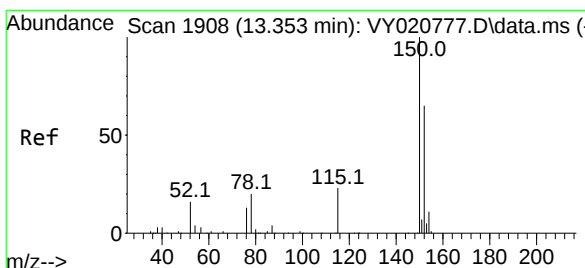
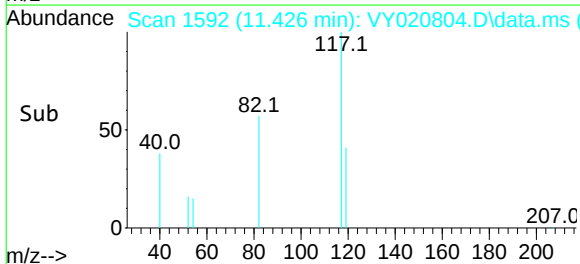
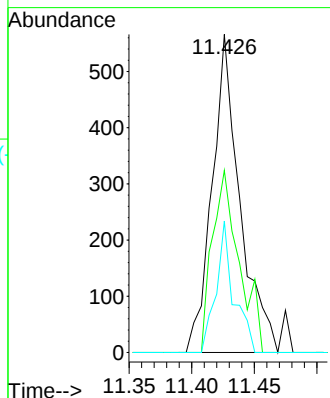
MSVOA_Y

ClientSampleId :

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Tgt Ion:	117	Resp:	875
Ion	Ratio	Lower	Upper
117	100		
82	57.2	41.8	62.6
119	41.3	25.8	38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.012 min

Lab File: VY020804.D

Acq: 08 Jan 2025 12:14

Tgt Ion:	152	Resp:	179
Ion	Ratio	Lower	Upper
152	100		
115	79.3	29.0	87.0
150	237.4	0.0	347.4

