

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121324\
 Data File : VY020602.D
 Acq On : 13 Dec 2024 13:08
 Operator : SY/MD
 Sample : P5268-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-02-12122024

Quant Time: Dec 13 22:28:40 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	7.719	168	5016	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	5332	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	2504	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	316	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	1275	24.993	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	49.980%#
35) Dibromofluoromethane	7.640	113	1341	39.949	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	79.900%
50) Toluene-d8	10.115	98	5364	41.966	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	83.940%
62) 4-Bromofluorobenzene	12.408	95	521	11.654	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	23.300%#

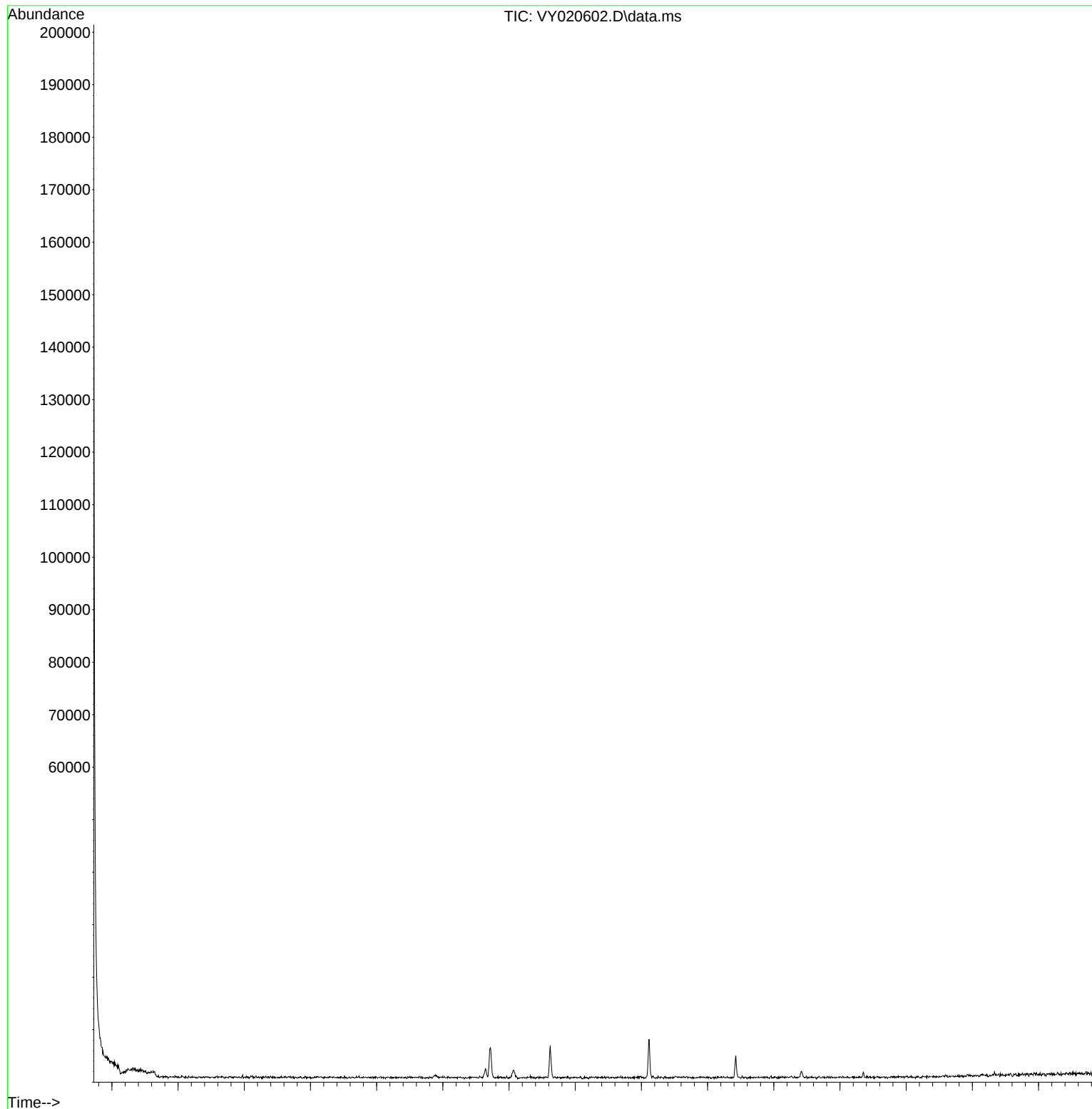
Target Compounds	Qvalue

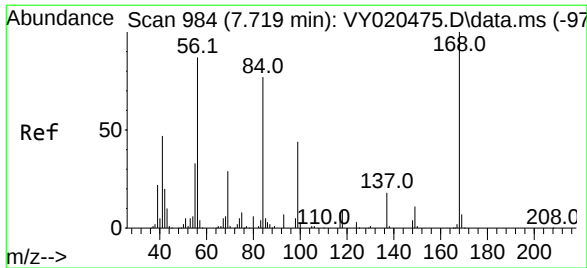
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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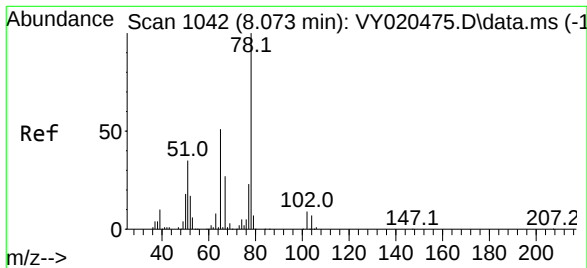
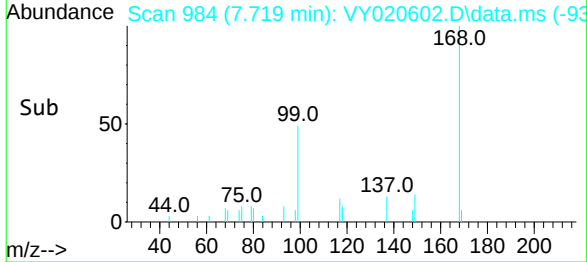
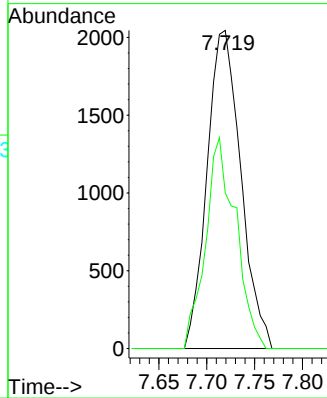
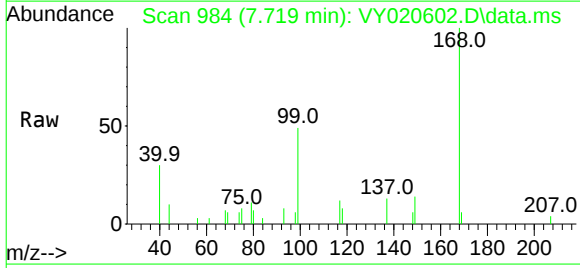




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 984
Delta R.T. 0.000 min
Lab File: VY020602.D
Acq: 13 Dec 2024 13:08

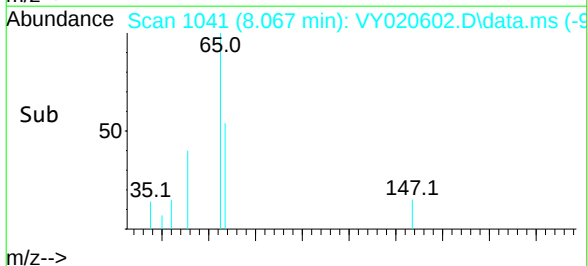
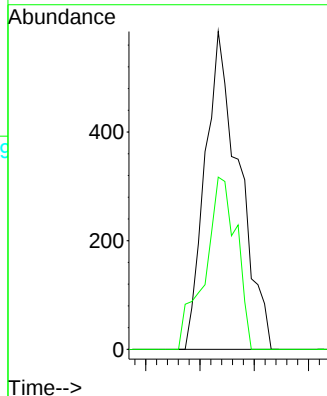
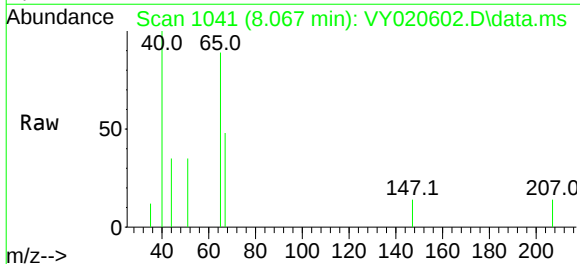
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-12122024

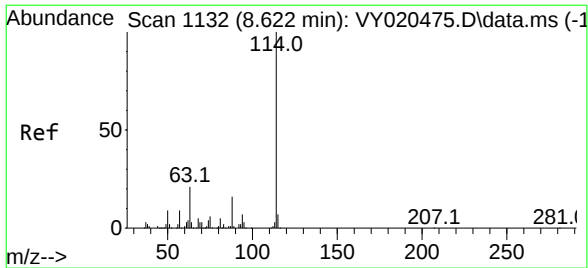
Tgt Ion:168 Resp: 5016
Ion Ratio Lower Upper
168 100
99 48.9 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 24.993 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VY020602.D
Acq: 13 Dec 2024 13:08

Tgt Ion: 65 Resp: 1275
Ion Ratio Lower Upper
65 100
67 50.6 0.0 105.8

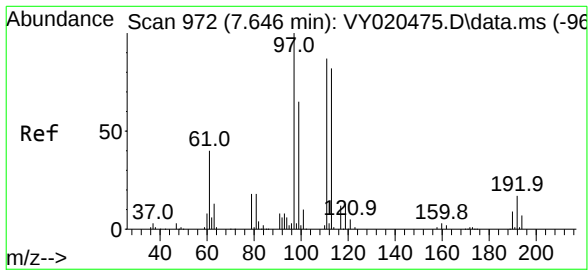
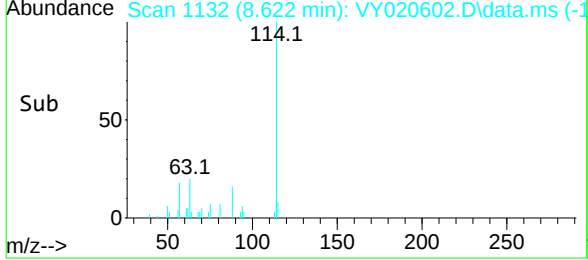
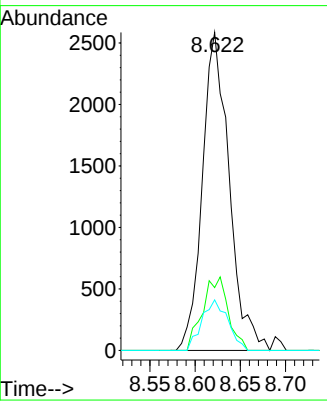
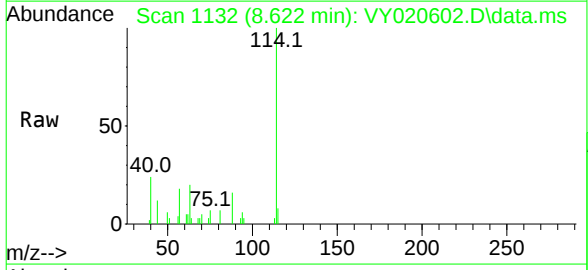




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.622 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VY020602.D
 Acq: 13 Dec 2024 13:08

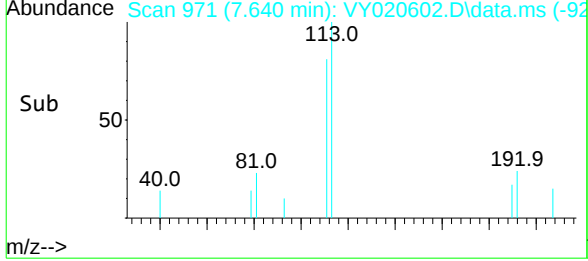
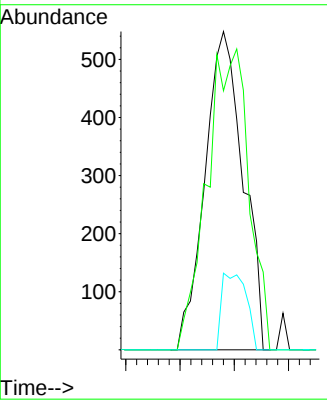
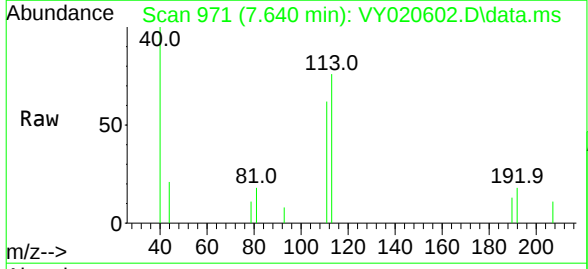
Instrument :
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 OR-02-12122024

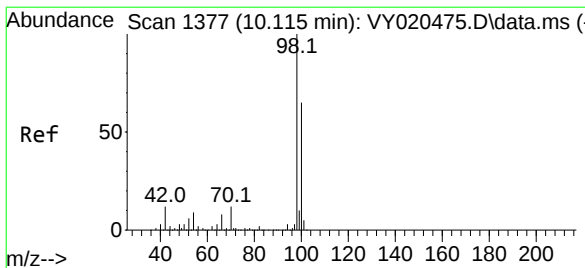
Tgt Ion:	114	Resp:	5332
Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	44.8
88	15.9	0.0	32.0



#35
 Dibromofluoromethane
 Concen: 39.949 ug/l
 RT: 7.640 min Scan# 971
 Delta R.T. -0.006 min
 Lab File: VY020602.D
 Acq: 13 Dec 2024 13:08

Tgt Ion:	113	Resp:	1341
Ion	Ratio	Lower	Upper
113	100		
111	104.0	81.4	122.0
192	15.5	15.1	22.7





#50

Toluene-d8

Concen: 41.966 ug/l

RT: 10.115 min Scan# 13

Delta R.T. -0.000 min

Lab File: VY020602.D

Acq: 13 Dec 2024 13:08

Instrument :

MSVOA_Y

ClientSampleId :

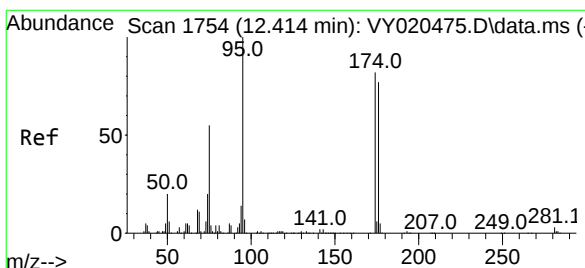
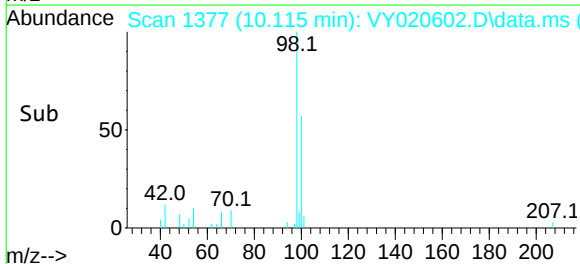
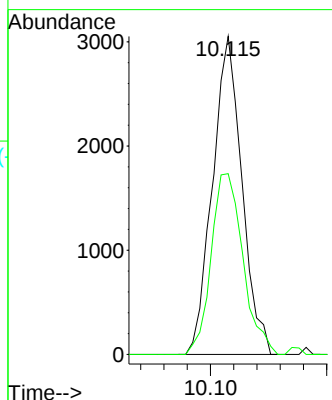
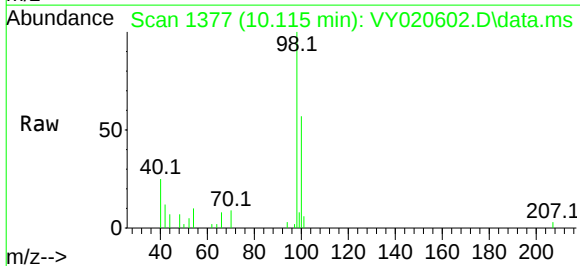
OR-02-12122024

Tgt Ion: 98 Resp: 5364

Ion Ratio Lower Upper

98 100

100 61.4 51.3 76.9



#62

4-Bromofluorobenzene

Concen: 11.654 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.006 min

Lab File: VY020602.D

Acq: 13 Dec 2024 13:08

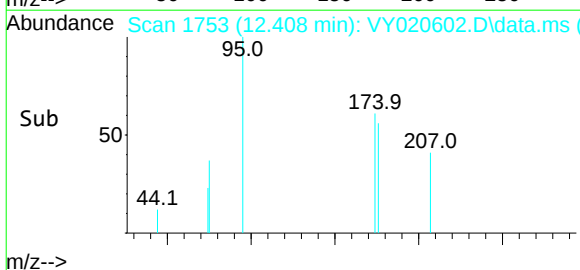
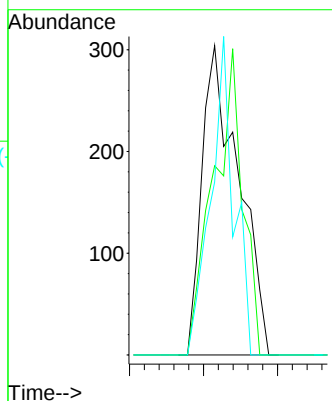
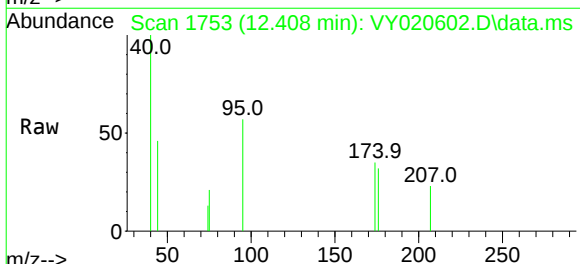
Tgt Ion: 95 Resp: 521

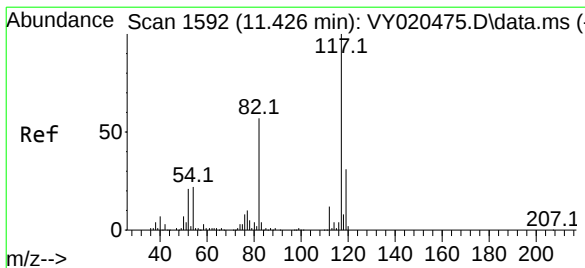
Ion Ratio Lower Upper

95 100

174 79.5 0.0 156.8

176 65.3 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: VY020602.D

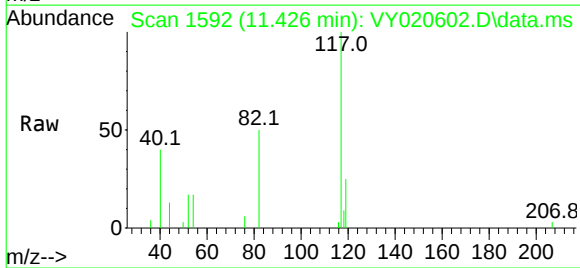
Acq: 13 Dec 2024 13:08

Instrument :

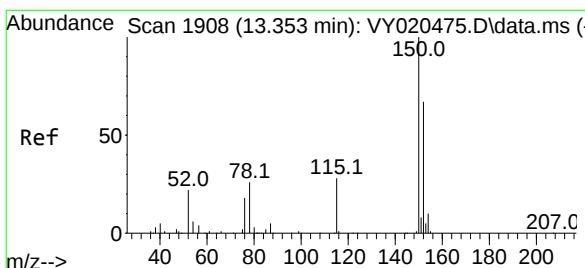
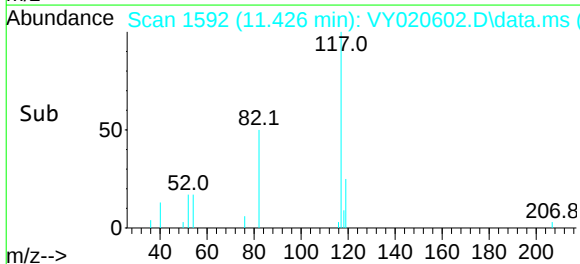
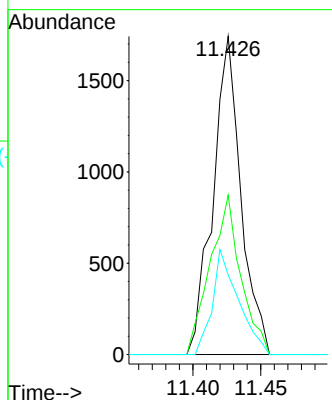
MSVOA_Y

ClientSampleId :

OR-02-12122024



Tgt Ion:	117	Resp:	2504
Ion	Ratio	Lower	Upper
117	100		
82	50.1	48.2	72.4
119	25.0	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: VY020602.D

Acq: 13 Dec 2024 13:08

Tgt Ion:	152	Resp:	316
Ion	Ratio	Lower	Upper
152	100		
115	41.5	30.0	90.0
150	151.9	0.0	348.2

