

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122724\
 Data File : VY020747.D
 Acq On : 27 Dec 2024 18:18
 Operator : SY/MD
 Sample : P5391-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-07-12272024

Quant Time: Dec 28 03:06:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122624S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 26 16:12:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.720	168	1135	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	1571	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	450	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	45	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	519	55.826	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.660%
35) Dibromofluoromethane	7.634	113	492	56.857	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.720%
50) Toluene-d8	10.103	98	1240	36.517	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	73.040%
62) 4-Bromofluorobenzene	12.420	95	99	8.609	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	17.220%#

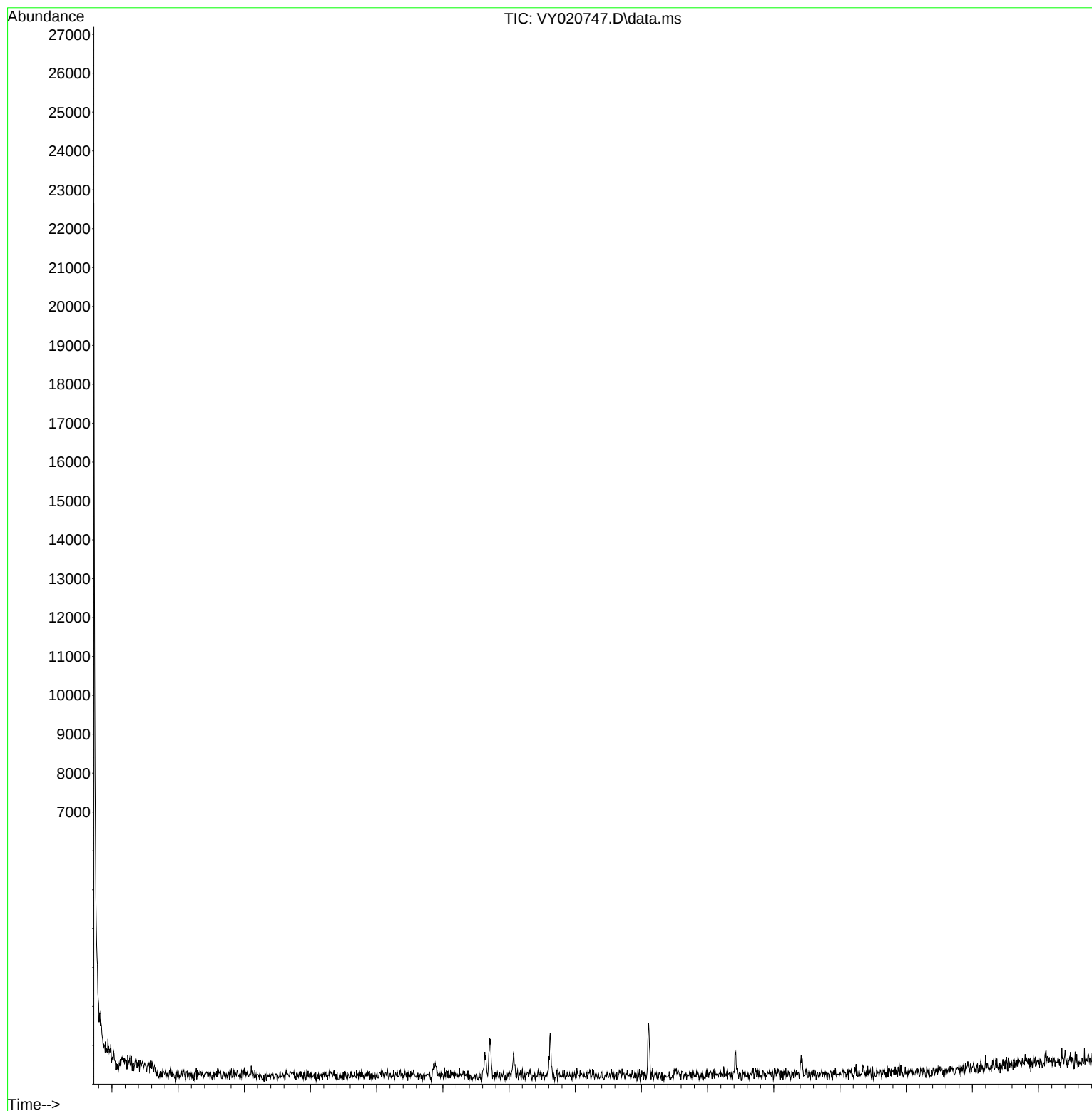
Target Compounds Qvalue

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122724\
Data File : VY020747.D
Acq On : 27 Dec 2024 18:18
Operator : SY/MD
Sample : P5391-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
NB-07-12272024

Quant Time: Dec 28 03:06:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122624S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 26 16:12:28 2024
Response via : Initial Calibration

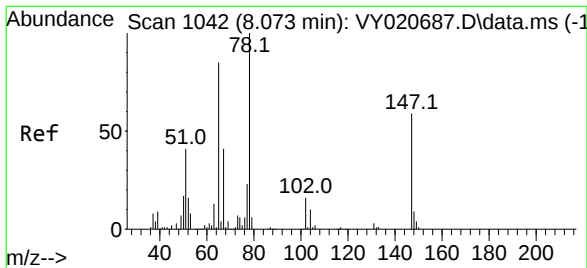
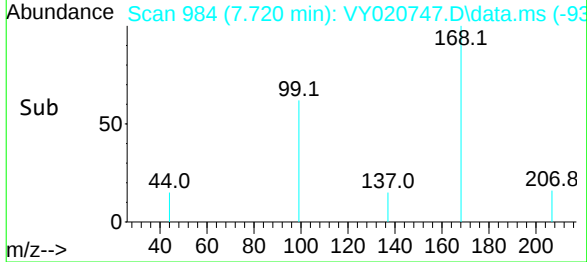
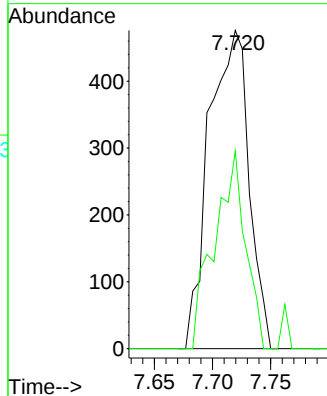
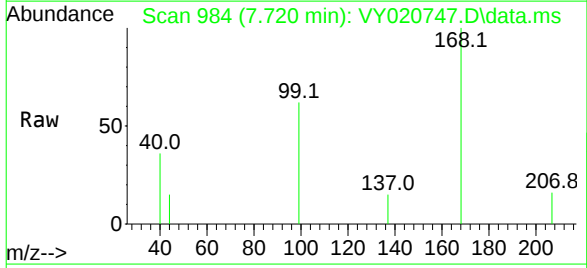




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.720 min Scan# 985
Delta R.T. -0.005 min
Lab File: VY020747.D
Acq: 27 Dec 2024 18:18

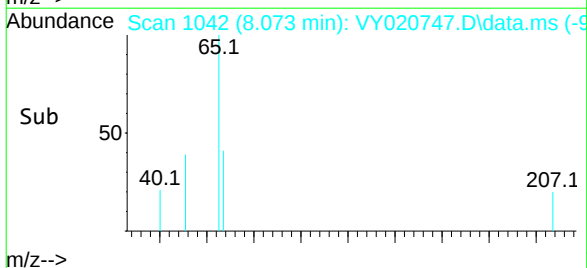
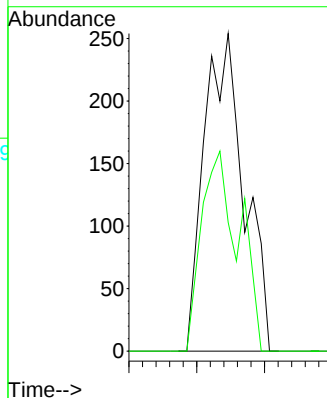
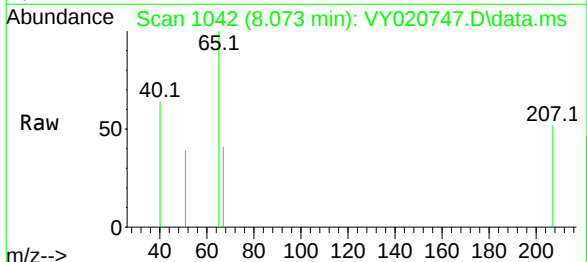
Instrument :
MSVOA_Y
ClientSampleId :
NB-07-12272024

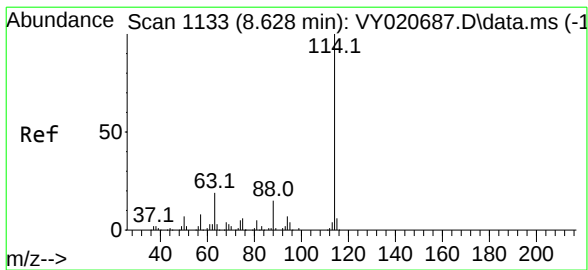
Tgt Ion: 168 Resp: 1135
Ion Ratio Lower Upper
168 100
99 62.2 43.8 65.6



#33
1,2-Dichloroethane-d4
Concen: 55.826 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VY020747.D
Acq: 27 Dec 2024 18:18

Tgt Ion: 65 Resp: 519
Ion Ratio Lower Upper
65 100
67 59.2 0.0 98.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020747.D

Acq: 27 Dec 2024 18:18

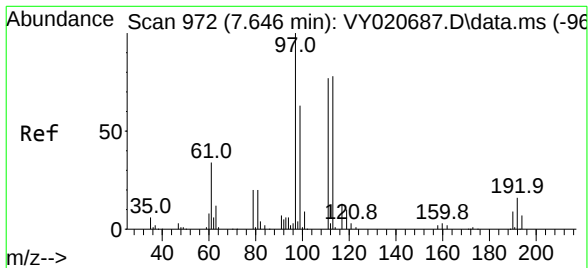
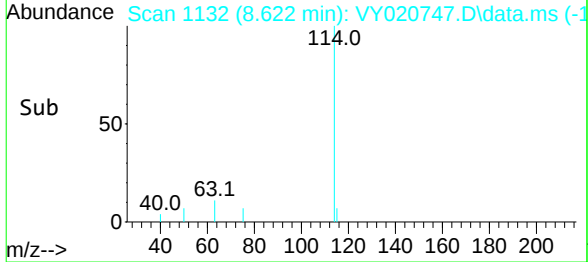
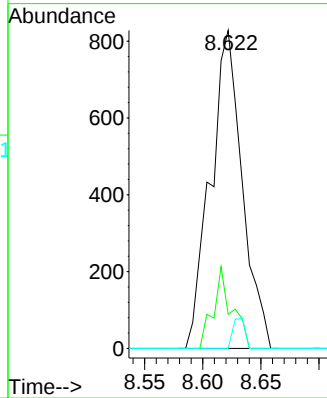
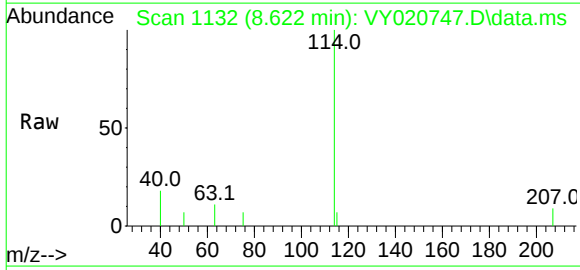
Instrument :

MSVOA_Y

ClientSampleId :

NB-07-12272024

Tgt Ion:	114	Resp:	1571
Ion	Ratio	Lower	Upper
114	100		
63	10.7	0.0	38.4
88	0.0	0.0	30.4



#35

Dibromofluoromethane

Concen: 56.857 ug/l

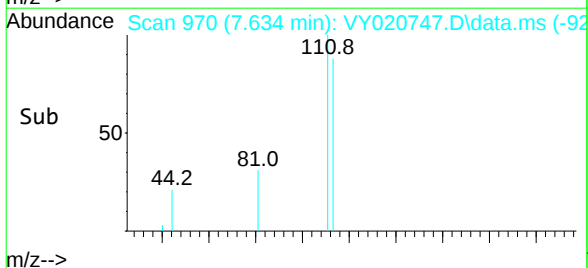
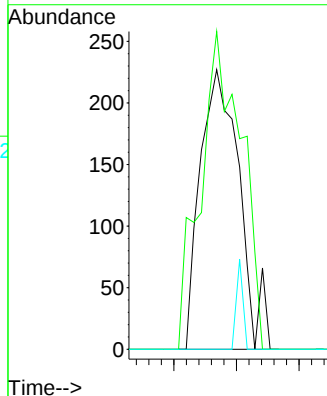
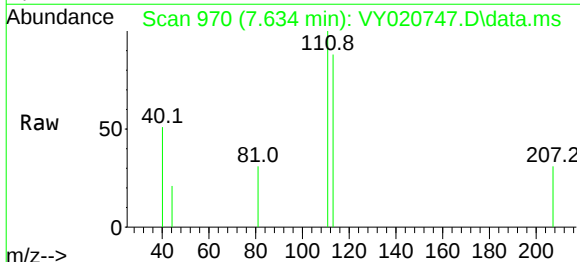
RT: 7.634 min Scan# 970

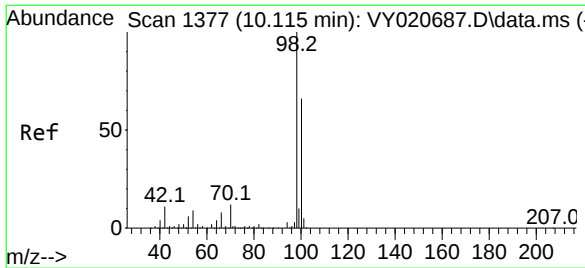
Delta R.T. -0.012 min

Lab File: VY020747.D

Acq: 27 Dec 2024 18:18

Tgt Ion:	113	Resp:	492
Ion	Ratio	Lower	Upper
113	100		
111	119.3	79.8	119.8
192	5.5	17.0	25.6





#50

Toluene-d8

Concen: 36.517 ug/l

RT: 10.103 min Scan# 13

Delta R.T. -0.012 min

Lab File: VY020747.D

Acq: 27 Dec 2024 18:18

Instrument :

MSVOA_Y

ClientSampleId :

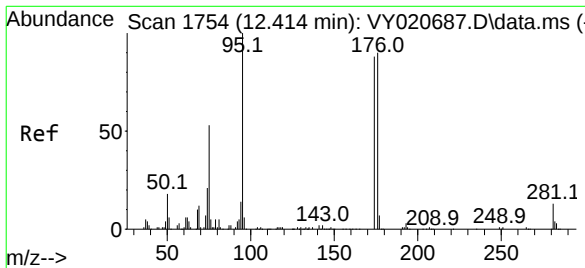
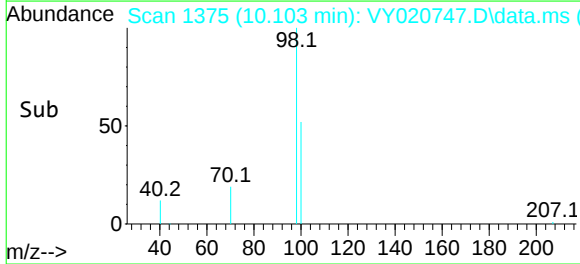
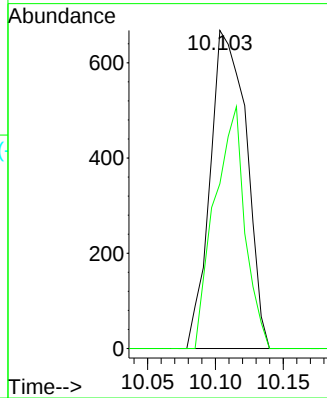
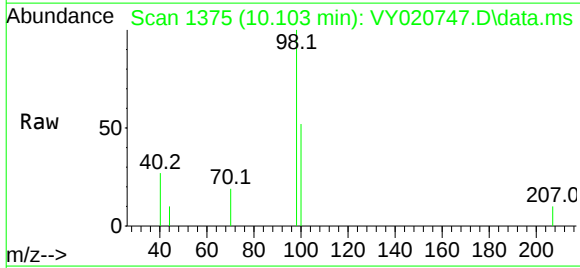
NB-07-12272024

Tgt Ion: 98 Resp: 1240

Ion Ratio Lower Upper

98 100

100 64.0 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 8.609 ug/l

RT: 12.420 min Scan# 1755

Delta R.T. 0.006 min

Lab File: VY020747.D

Acq: 27 Dec 2024 18:18

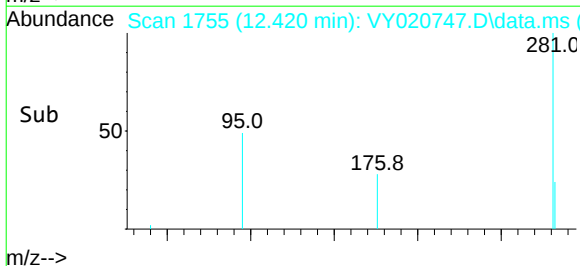
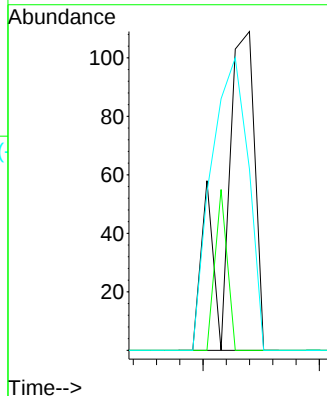
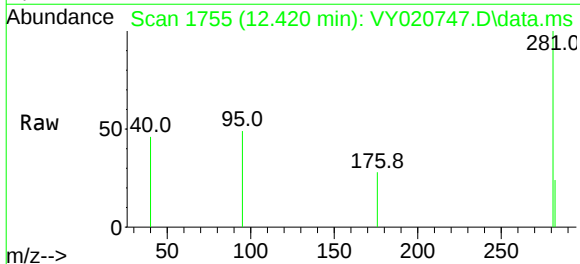
Tgt Ion: 95 Resp: 99

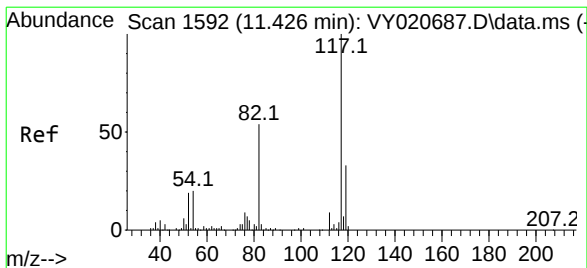
Ion Ratio Lower Upper

95 100

174 20.2 0.0 179.2

176 111.1 0.0 179.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. -0.006 min

Lab File: VY020747.D

Acq: 27 Dec 2024 18:18

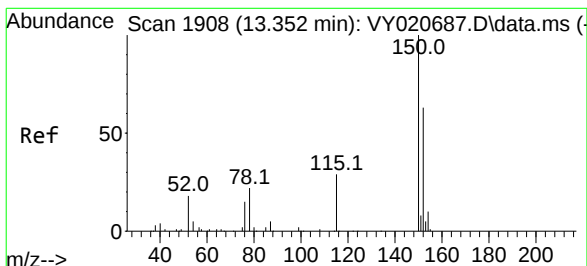
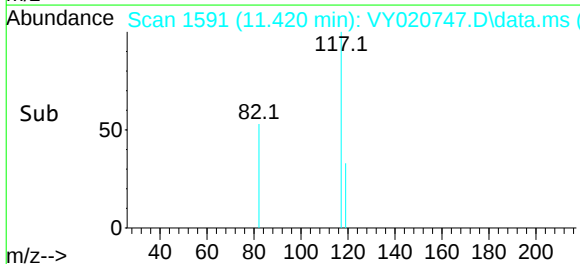
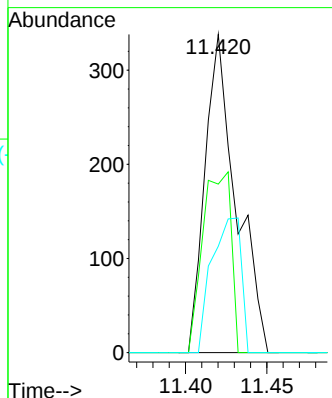
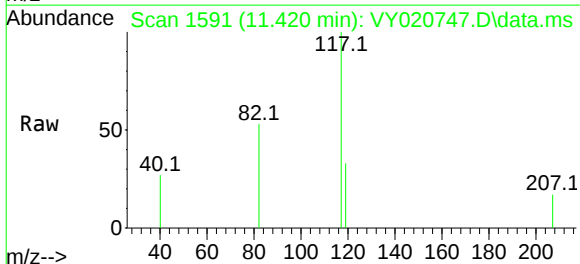
Instrument :

MSVOA_Y

ClientSampleId :

NB-07-12272024

Tgt Ion:	117	Resp:	450
Ion	Ratio	Lower	Upper
117	100		
82	53.0	43.4	65.2
119	33.4	26.6	39.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.001 min

Lab File: VY020747.D

Acq: 27 Dec 2024 18:18

Tgt Ion:	152	Resp:	45
Ion	Ratio	Lower	Upper
152	100		
115	240.0	30.3	90.9#
150	173.3	0.0	349.0

