

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY123024\
 Data File : VY020755.D
 Acq On : 30 Dec 2024 15:17
 Operator : SY/MD
 Sample : P5391-01
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-07-12272024

Quant Time: Dec 31 00:39:49 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	7.713	168	1152	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.610	114	1793	50.000	ug/l	-0.02
63) Chlorobenzene-d5	11.414	117	875	50.000	ug/l	#-0.01
72) 1,4-Dichlorobenzene-d4	13.359	152	155	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.055	65	733	77.682	ug/l	-0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	155.360%
35) Dibromofluoromethane	7.634	113	737	74.625	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	149.240%#
50) Toluene-d8	10.109	98	1649	42.264	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	84.520%
62) 4-Bromofluorobenzene	12.408	95	113	8.610	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	17.220%#

Target Compounds

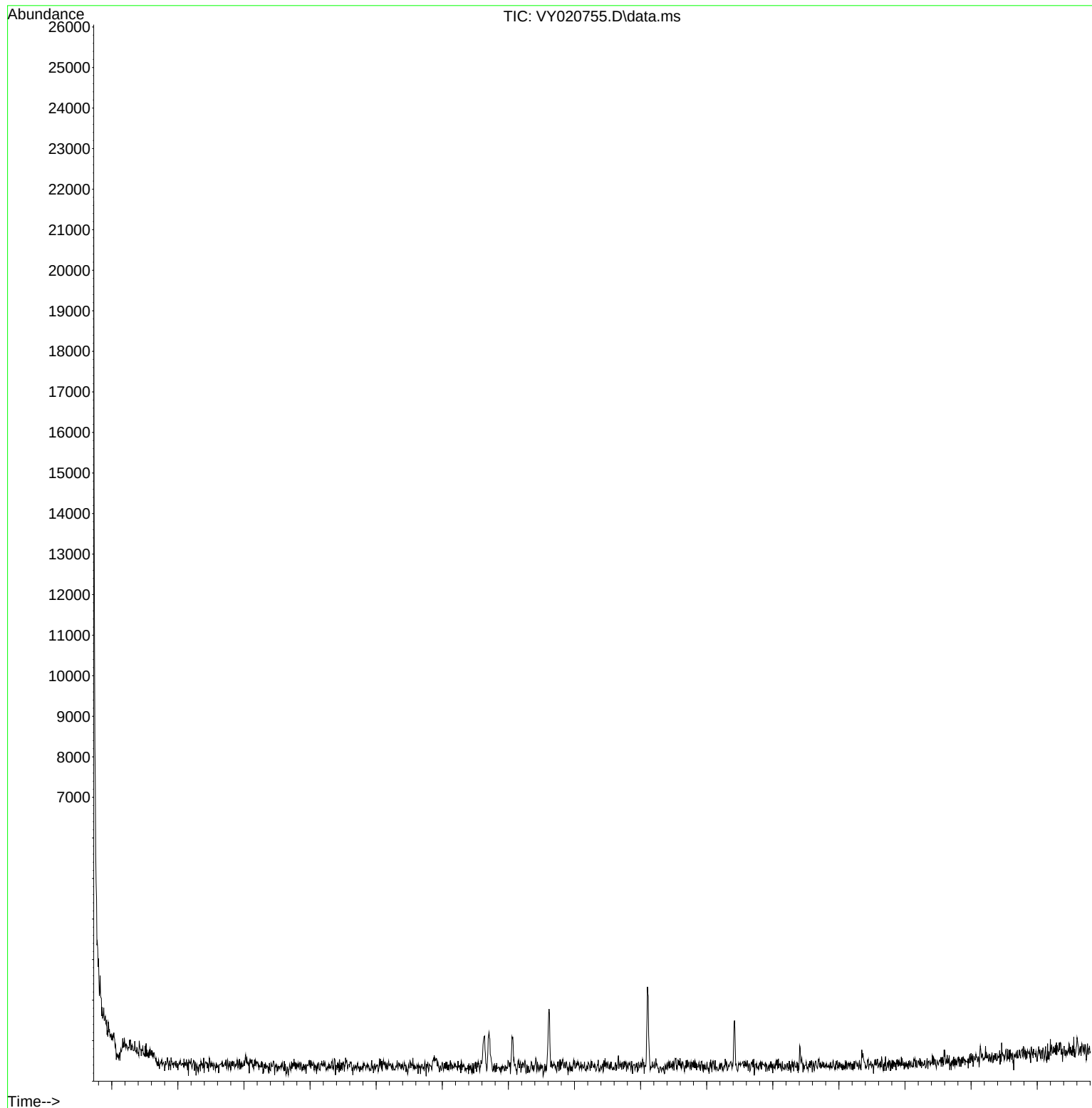
Qvalue

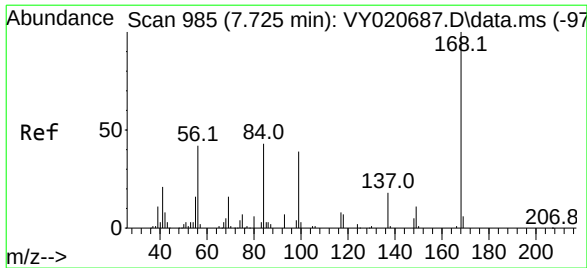
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY123024\
Data File : VY020755.D
Acq On : 30 Dec 2024 15:17
Operator : SY/MD
Sample : P5391-01
Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
NB-07-12272024

Quant Time: Dec 31 00:39:49 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

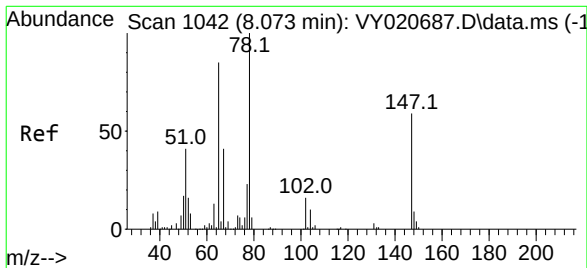
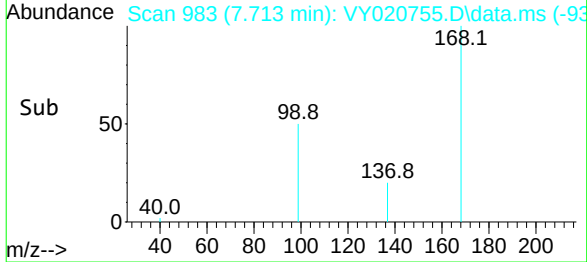
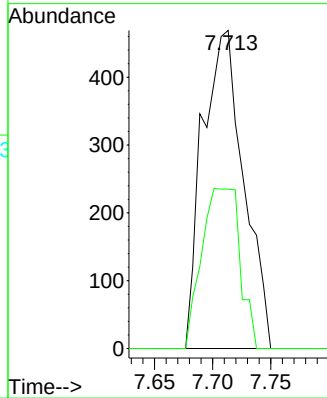
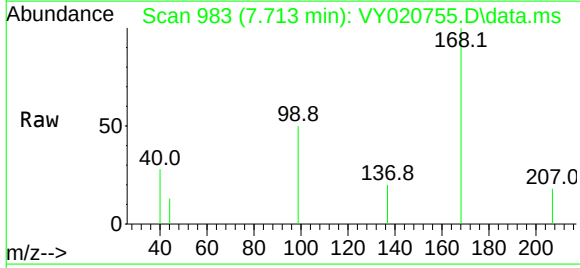




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. -0.012 min
Lab File: VY020755.D
Acq: 30 Dec 2024 15:17

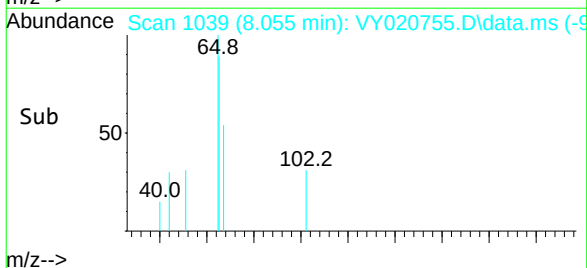
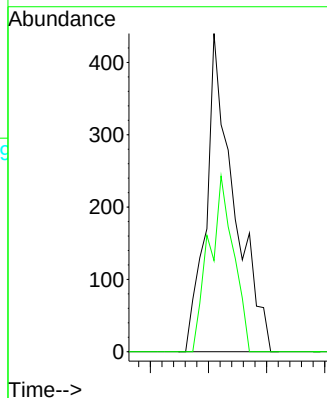
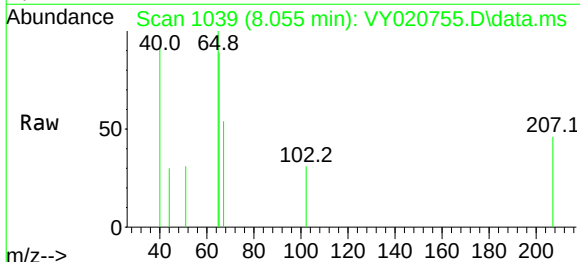
Instrument :
MSVOA_Y
ClientSampleId :
NB-07-12272024

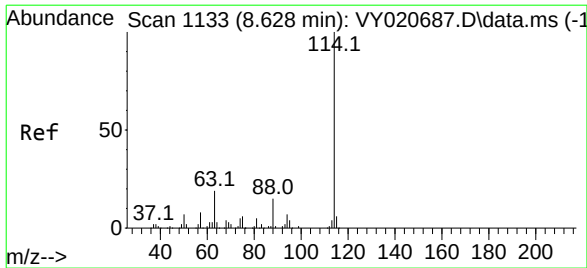
Tgt Ion:168 Resp: 1152
Ion Ratio Lower Upper
168 100
99 50.1 43.8 65.6



#33
1,2-Dichloroethane-d4
Concen: 77.682 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.018 min
Lab File: VY020755.D
Acq: 30 Dec 2024 15:17

Tgt Ion: 65 Resp: 733
Ion Ratio Lower Upper
65 100
67 48.6 0.0 98.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 11

Delta R.T. -0.018 min

Lab File: VY020755.D

Acq: 30 Dec 2024 15:17

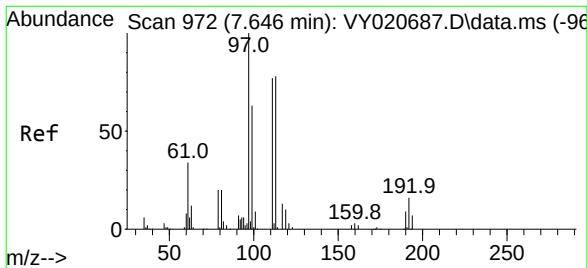
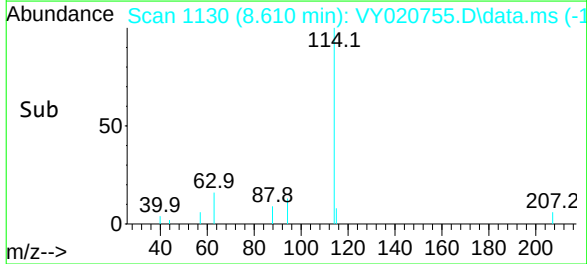
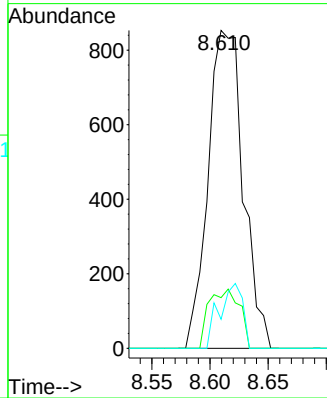
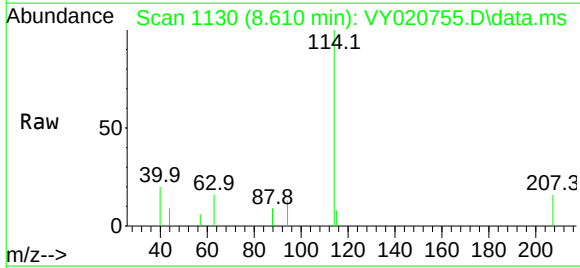
Instrument :

MSVOA_Y

ClientSampleId :

NB-07-12272024

Tgt Ion:	114	Resp:	1793
Ion	Ratio	Lower	Upper
114	100		
63	15.9	0.0	38.4
88	9.1	0.0	30.4



#35

Dibromofluoromethane

Concen: 74.625 ug/l

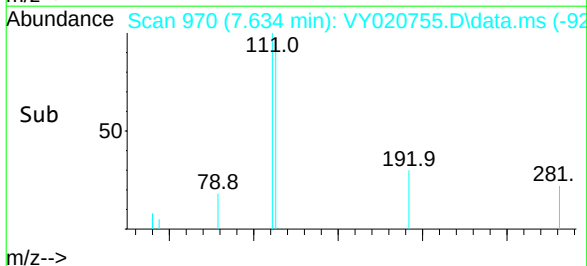
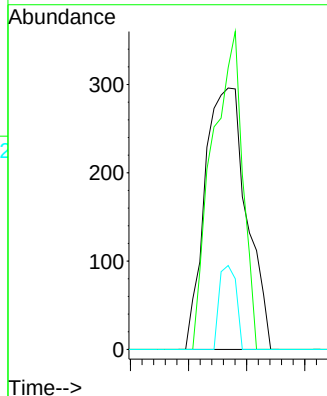
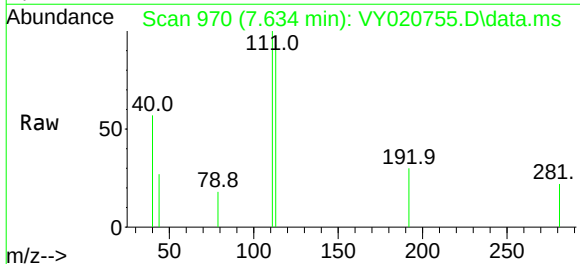
RT: 7.634 min Scan# 970

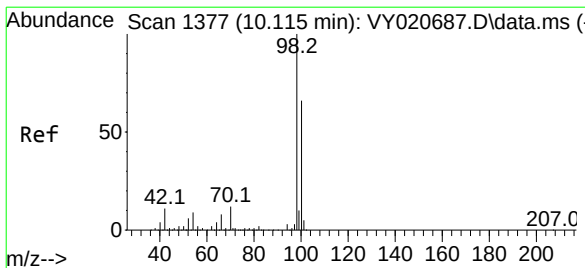
Delta R.T. -0.012 min

Lab File: VY020755.D

Acq: 30 Dec 2024 15:17

Tgt Ion:	113	Resp:	737
Ion	Ratio	Lower	Upper
113	100		
111	88.9	79.8	119.8
192	13.0	17.0	25.6





#50

Toluene-d8

Concen: 42.264 ug/l

RT: 10.109 min Scan# 1377

Delta R.T. -0.006 min

Lab File: VY020755.D

Acq: 30 Dec 2024 15:17

Instrument :

MSVOA_Y

ClientSampleId :

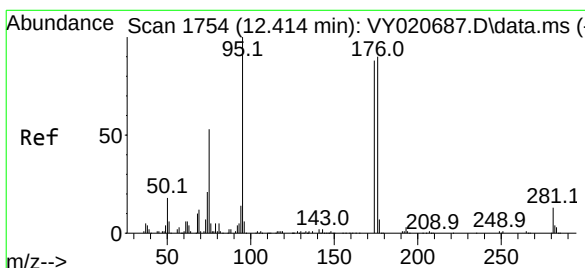
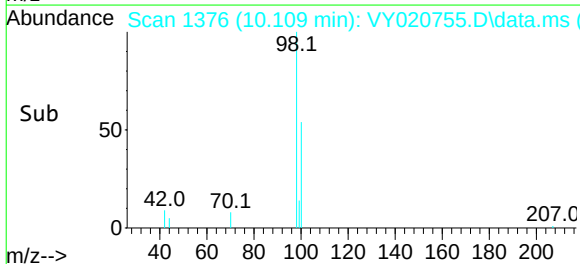
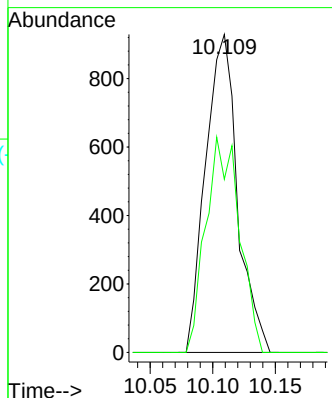
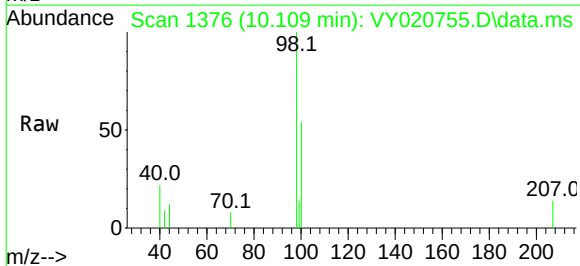
NB-07-12272024

Tgt Ion: 98 Resp: 1649

Ion Ratio Lower Upper

98 100

100 71.2 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 8.610 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.006 min

Lab File: VY020755.D

Acq: 30 Dec 2024 15:17

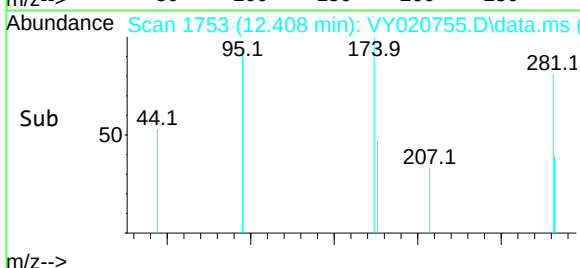
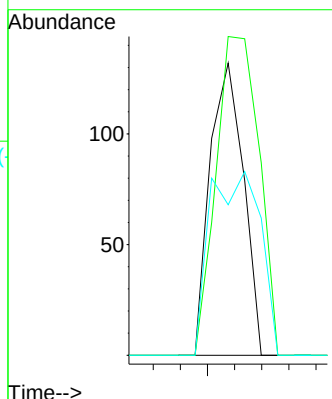
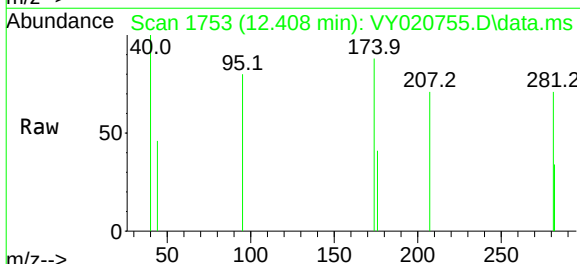
Tgt Ion: 95 Resp: 113

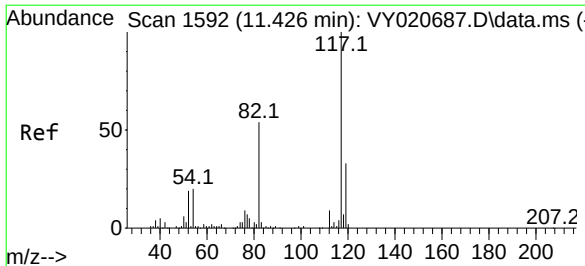
Ion Ratio Lower Upper

95 100

174 140.7 0.0 179.2

176 94.7 0.0 179.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1592

Delta R.T. -0.012 min

Lab File: VY020755.D

Acq: 30 Dec 2024 15:17

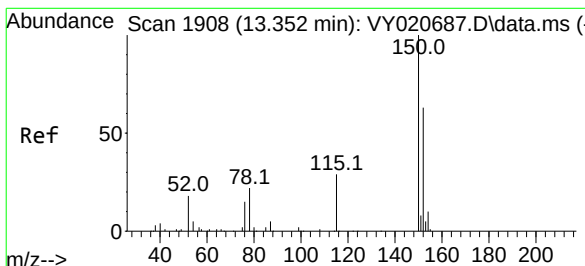
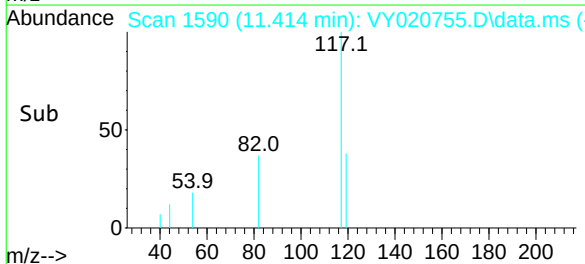
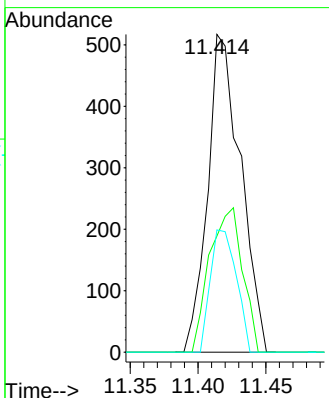
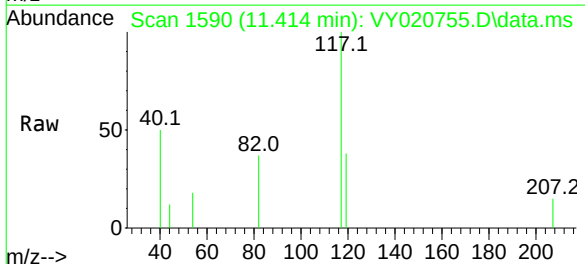
Instrument :

MSVOA_Y

ClientSampleId :

NB-07-12272024

Tgt Ion:	117	Resp:	875
Ion	Ratio	Lower	Upper
117	100		
82	36.6	43.4	65.2#
119	38.5	26.6	39.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.359 min Scan# 1909

Delta R.T. 0.007 min

Lab File: VY020755.D

Acq: 30 Dec 2024 15:17

Tgt Ion:	152	Resp:	155
Ion	Ratio	Lower	Upper
152	100		
115	34.2	30.3	90.9
150	183.2	0.0	349.0

