

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100324\
 Data File : VY019782.D
 Acq On : 03 Oct 2024 12:57
 Operator : SY/MD
 Sample : P4277-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BU-03-10022024

Quant Time: Oct 04 01:25:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	5012	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	9143	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	6066	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	808	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	3459	74.531	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	149.060%
35) Dibromofluoromethane	7.634	113	2976	57.408	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.820%
50) Toluene-d8	10.109	98	9997	52.138	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.280%
62) 4-Bromofluorobenzene	12.408	95	1302	17.660	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	35.320%

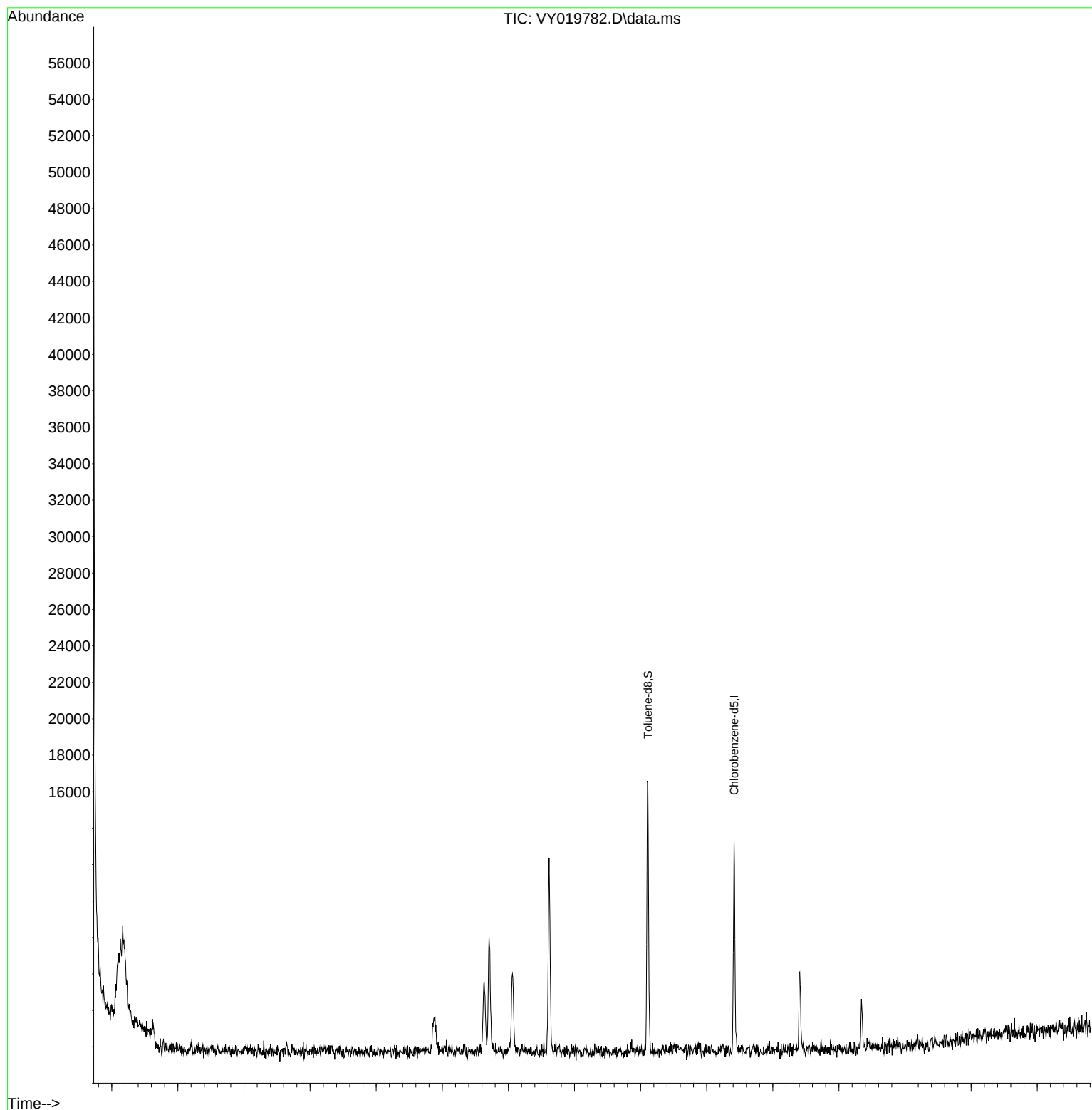
Target Compounds Qvalue

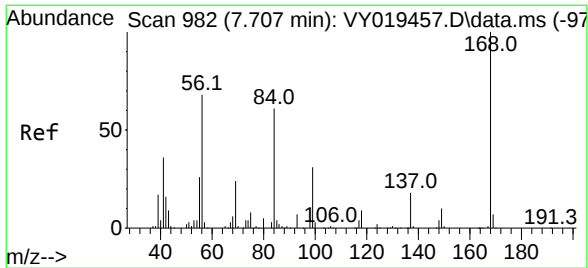
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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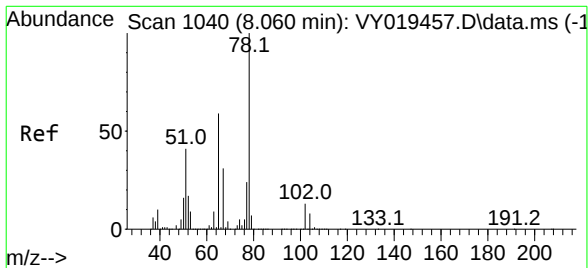
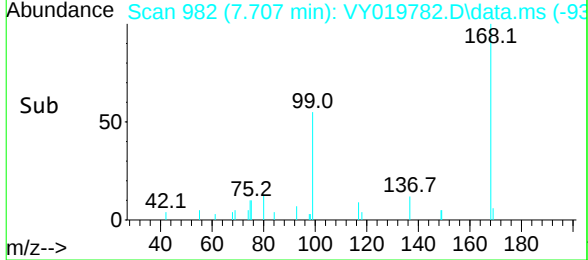
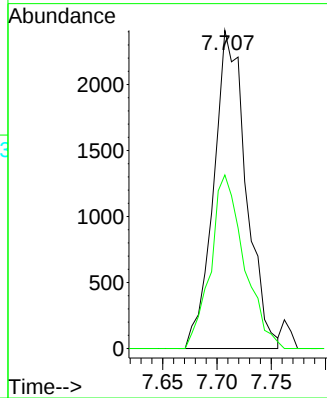
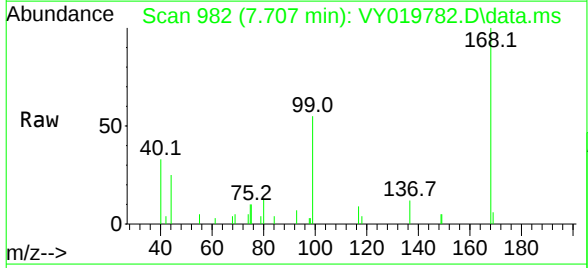




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY019782.D
Acq: 03 Oct 2024 12:57

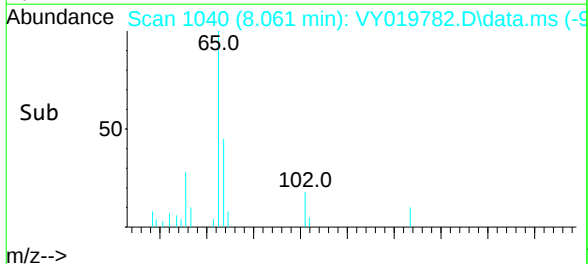
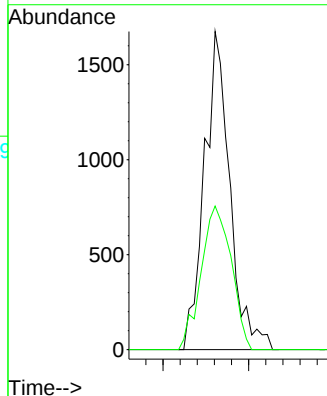
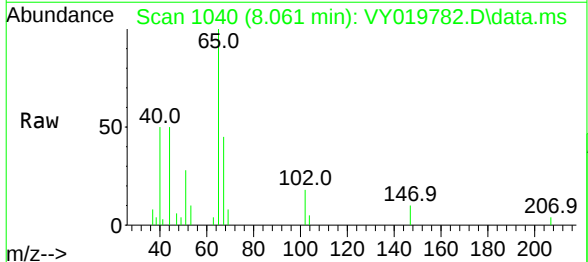
Instrument :
MSVOA_Y
ClientSampleId :
BU-03-10022024

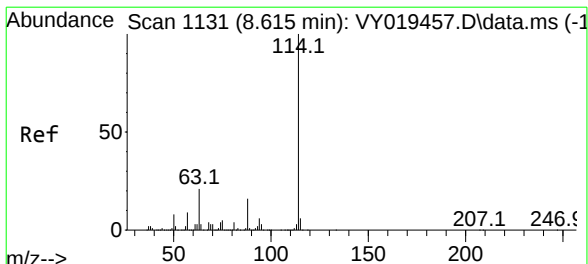
Tgt Ion:168 Resp: 5012
Ion Ratio Lower Upper
168 100
99 54.6 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 74.531 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019782.D
Acq: 03 Oct 2024 12:57

Tgt Ion: 65 Resp: 3459
Ion Ratio Lower Upper
65 100
67 53.4 0.0 109.6

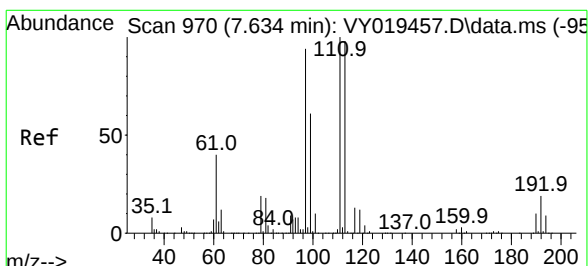
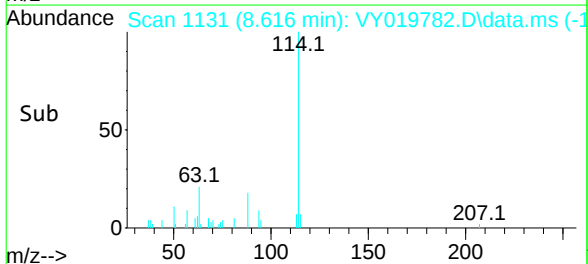
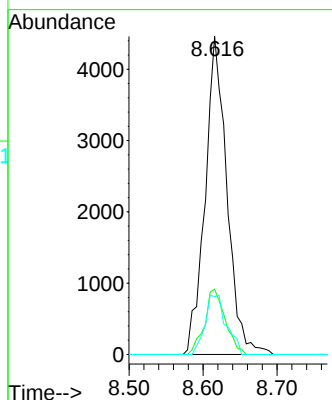
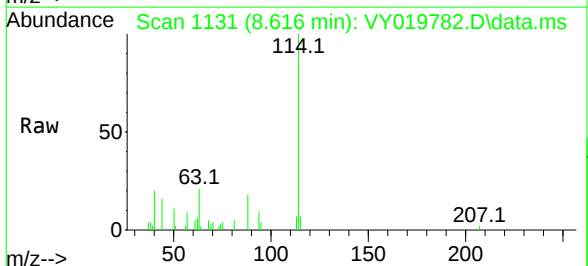




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY019782.D
 Acq: 03 Oct 2024 12:57

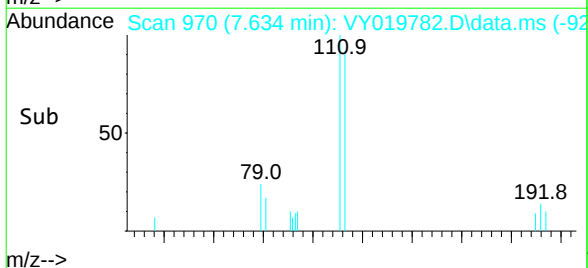
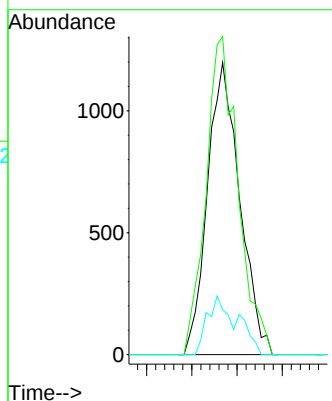
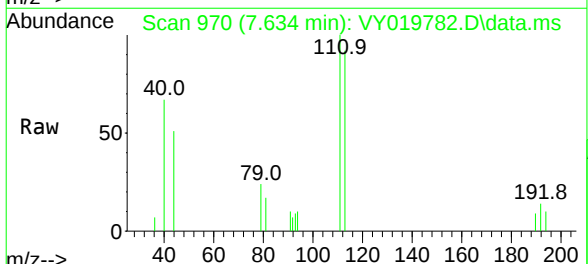
Instrument :
 MSVOA_Y
 ClientSampleId :
 BU-03-10022024

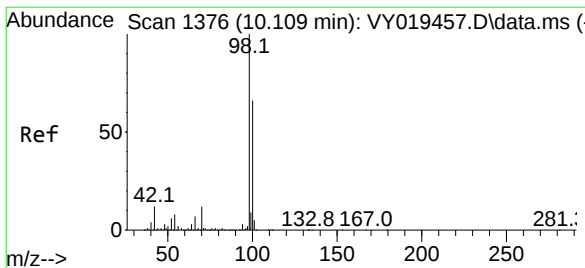
Tgt Ion:	114	Resp:	9143
Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	35.0
88	18.2	0.0	27.2



#35
 Dibromofluoromethane
 Concen: 57.408 ug/l
 RT: 7.634 min Scan# 970
 Delta R.T. 0.000 min
 Lab File: VY019782.D
 Acq: 03 Oct 2024 12:57

Tgt Ion:	113	Resp:	2976
Ion	Ratio	Lower	Upper
113	100		
111	108.1	82.2	123.4
192	13.3	15.9	23.9





#50

Toluene-d8

Concen: 52.138 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY019782.D

Acq: 03 Oct 2024 12:57

Instrument :

MSVOA_Y

ClientSampleId :

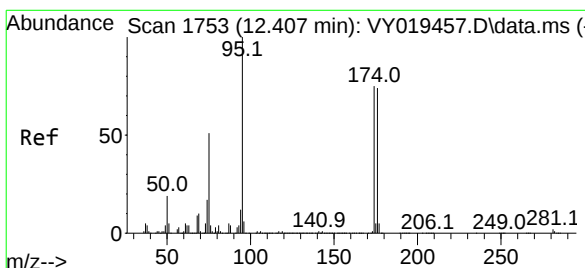
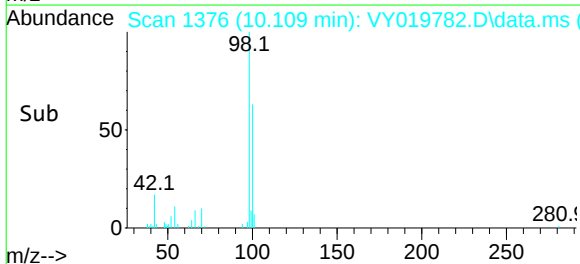
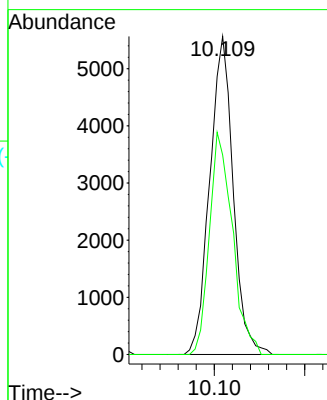
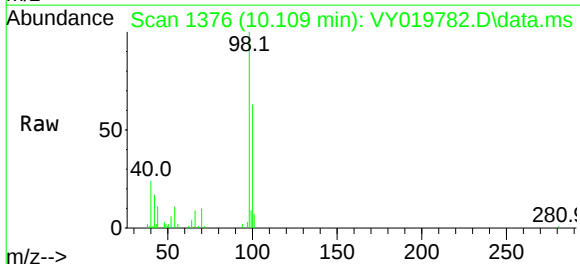
BU-03-10022024

Tgt Ion: 98 Resp: 9997

Ion Ratio Lower Upper

98 100

100 68.8 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 17.660 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY019782.D

Acq: 03 Oct 2024 12:57

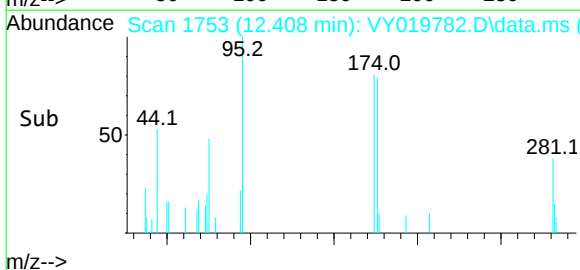
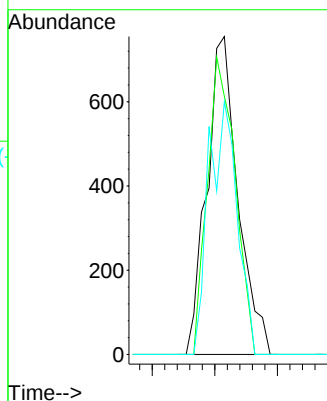
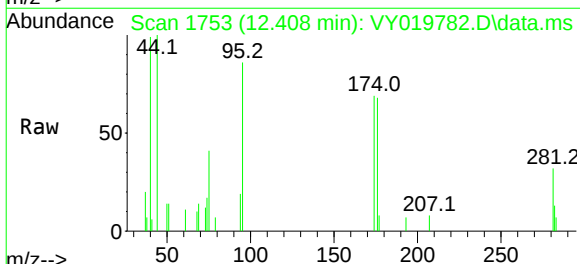
Tgt Ion: 95 Resp: 1302

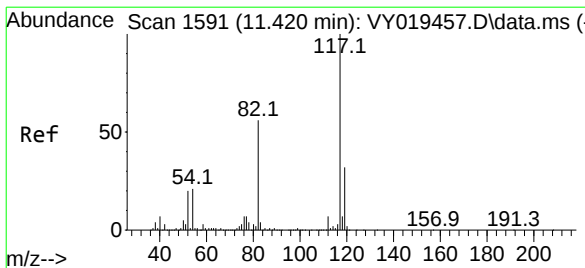
Ion Ratio Lower Upper

95 100

174 83.8 0.0 175.6

176 72.8 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 15

Delta R.T. -0.006 min

Lab File: VY019782.D

Acq: 03 Oct 2024 12:57

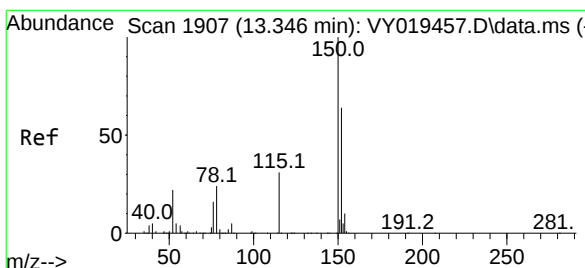
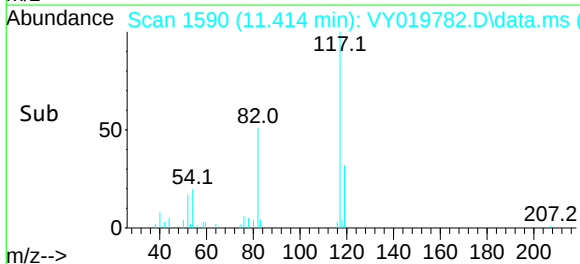
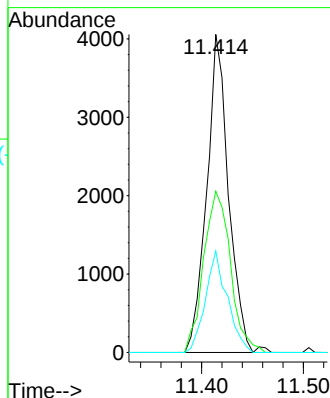
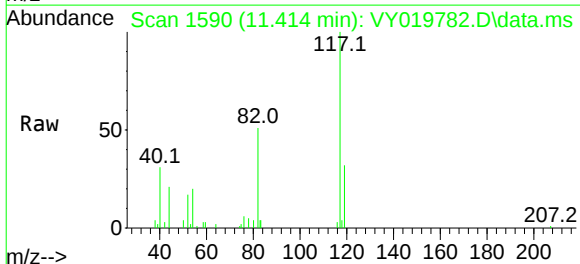
Instrument :

MSVOA_Y

ClientSampleId :

BU-03-10022024

Tgt Ion:	117	Resp:	6066
Ion	Ratio	Lower	Upper
117	100		
82	50.7	42.4	63.6
119	31.9	25.9	38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.340 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY019782.D

Acq: 03 Oct 2024 12:57

Tgt Ion:	152	Resp:	808
Ion	Ratio	Lower	Upper
152	100		
115	75.6	28.2	84.7
150	155.4	0.0	345.6

