

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092424\
 Data File : VY019682.D
 Acq On : 24 Sep 2024 15:08
 Operator : SY/MD
 Sample : P4146-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-02-092024

Quant Time: Sep 25 01:26:28 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	50336	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	82169	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	56948	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	15308	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	22164	47.552	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.100%
35) Dibromofluoromethane	7.628	113	22621	48.555	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.120%
50) Toluene-d8	10.109	98	88894	51.587	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.180%
62) 4-Bromofluorobenzene	12.408	95	21809	32.915	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	65.840%

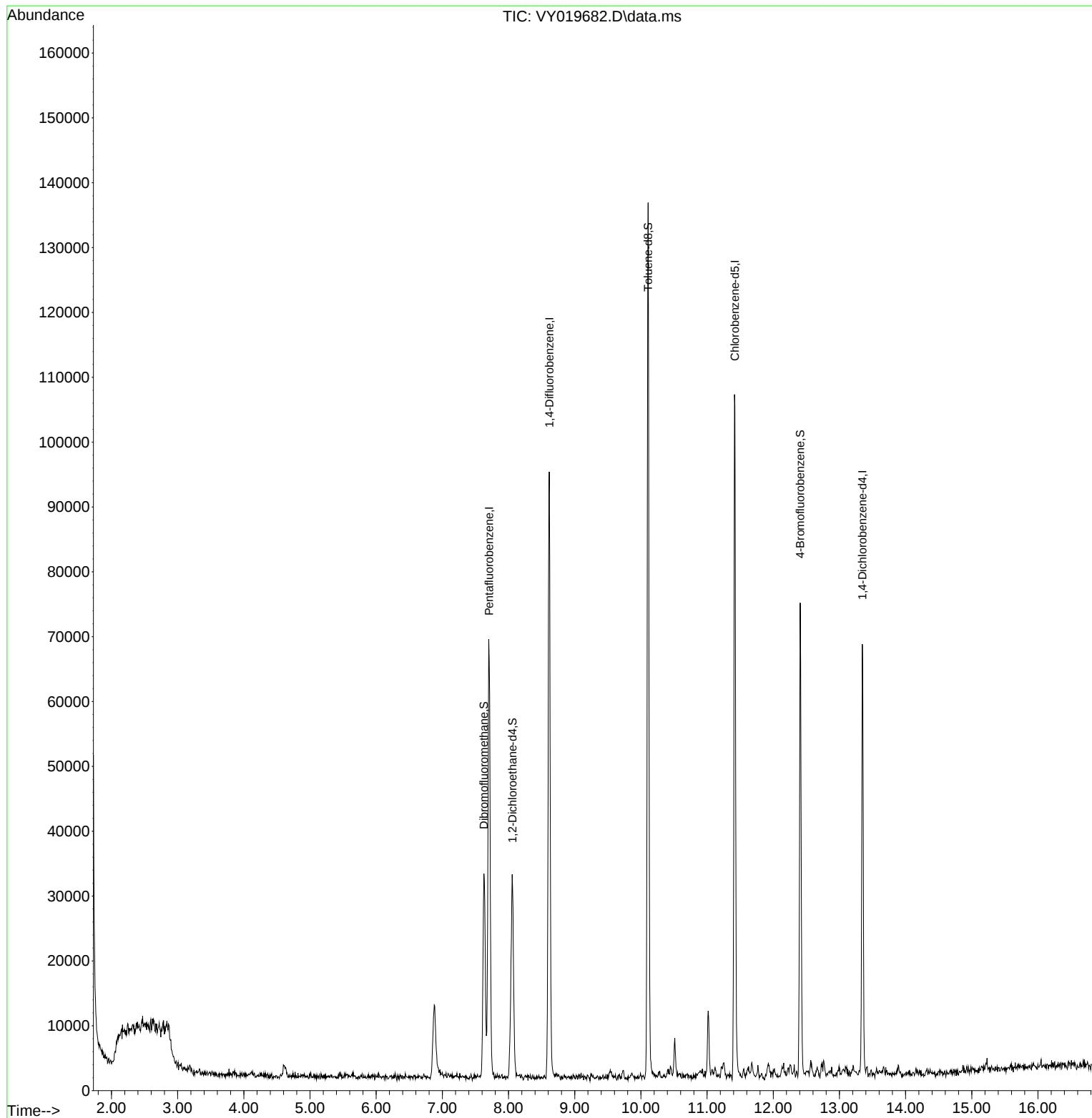
Target Compounds	Qvalue

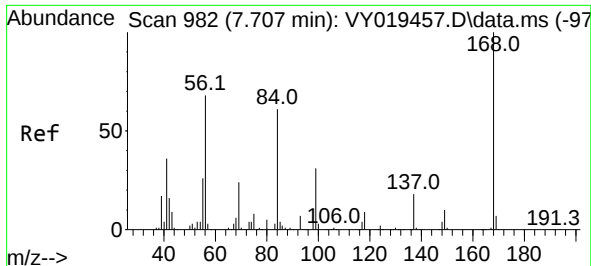
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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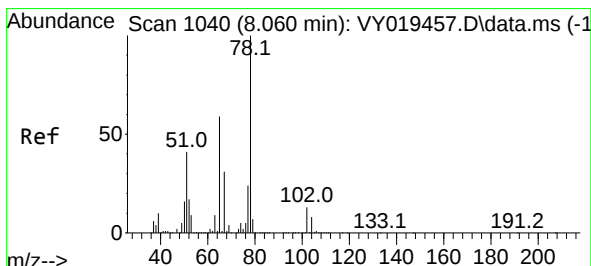
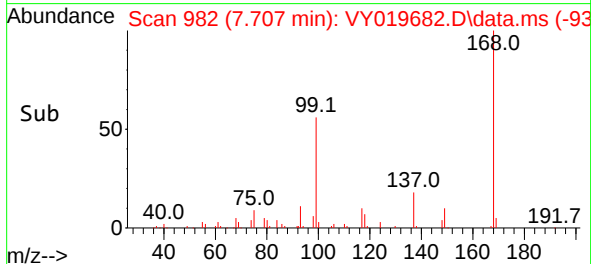
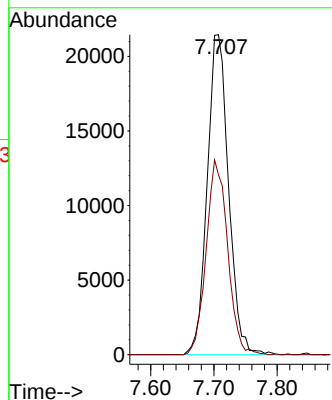
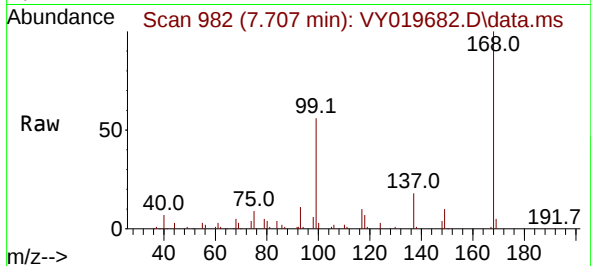




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019682.D
Acq: 24 Sep 2024 15:08

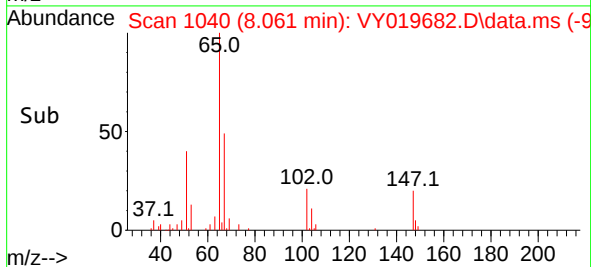
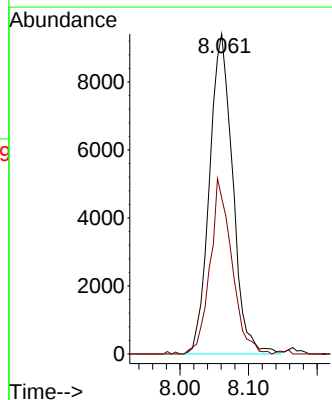
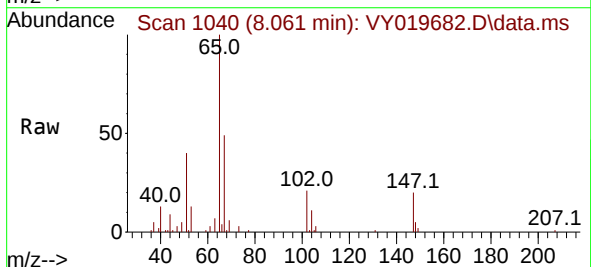
Instrument :
MSVOA_Y
ClientSampleId :
CL-02-092024

Tgt Ion:168 Resp: 50336
Ion Ratio Lower Upper
168 100
99 56.2 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 47.552 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019682.D
Acq: 24 Sep 2024 15:08

Tgt Ion: 65 Resp: 22164
Ion Ratio Lower Upper
65 100
67 51.4 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: VY019682.D

Acq: 24 Sep 2024 15:08

Instrument :

MSVOA_Y

ClientSampleId :

CL-02-092024

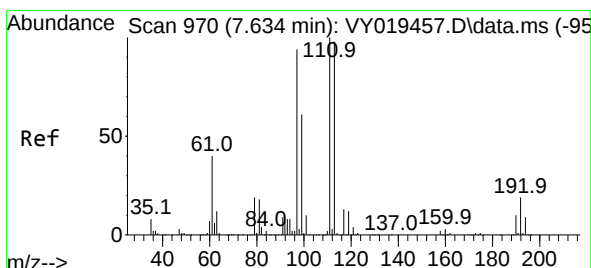
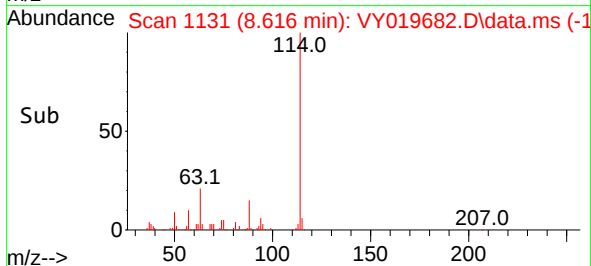
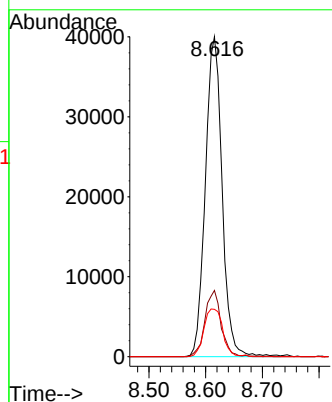
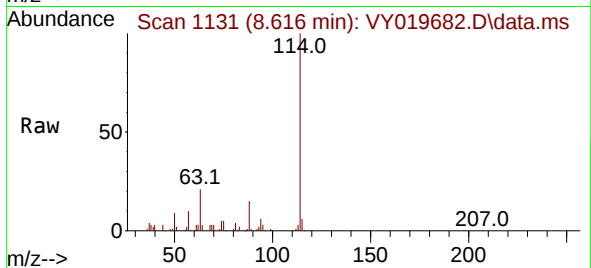
Tgt Ion:114 Resp: 82169

Ion Ratio Lower Upper

114 100

63 20.7 0.0 35.0

88 14.8 0.0 27.2



#35

Dibromofluoromethane

Concen: 48.555 ug/l

RT: 7.628 min Scan# 969

Delta R.T. -0.006 min

Lab File: VY019682.D

Acq: 24 Sep 2024 15:08

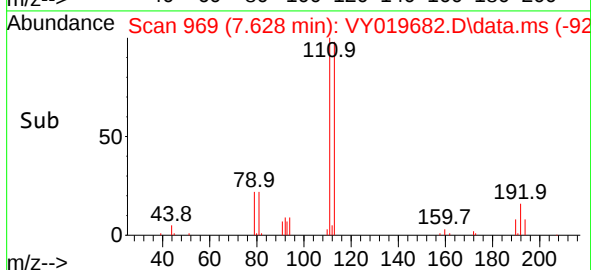
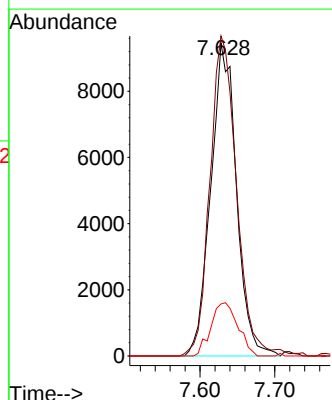
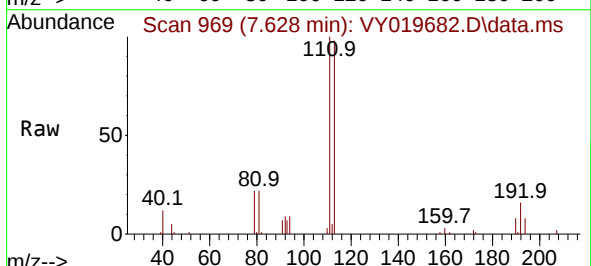
Tgt Ion:113 Resp: 22621

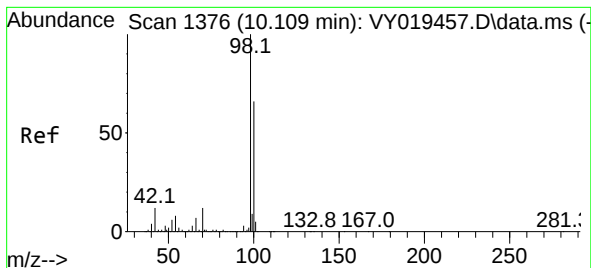
Ion Ratio Lower Upper

113 100

111 106.3 82.2 123.4

192 17.9 15.9 23.9





#50

Toluene-d8

Concen: 51.587 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY019682.D

Acq: 24 Sep 2024 15:08

Instrument :

MSVOA_Y

ClientSampleId :

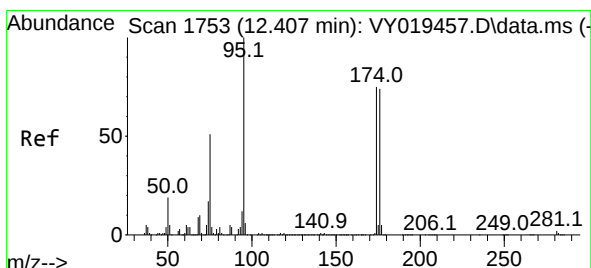
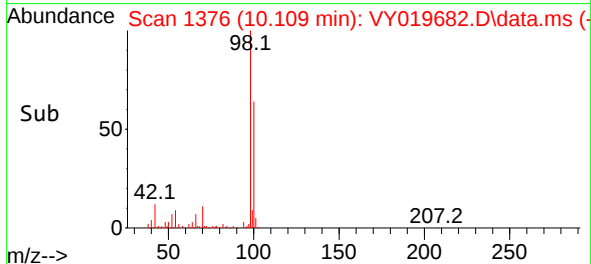
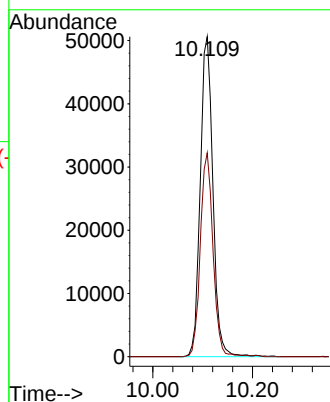
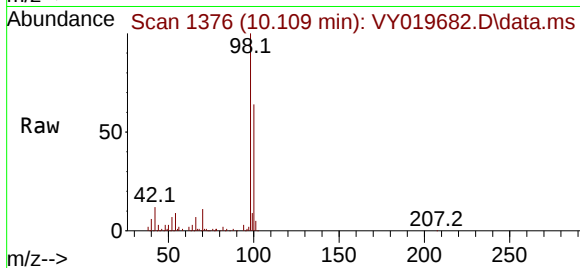
CL-02-092024

Tgt Ion: 98 Resp: 88894

Ion Ratio Lower Upper

98 100

100 64.1 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 32.915 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY019682.D

Acq: 24 Sep 2024 15:08

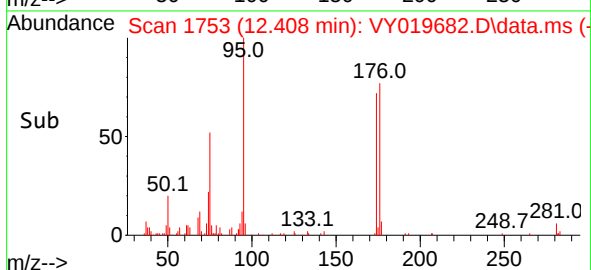
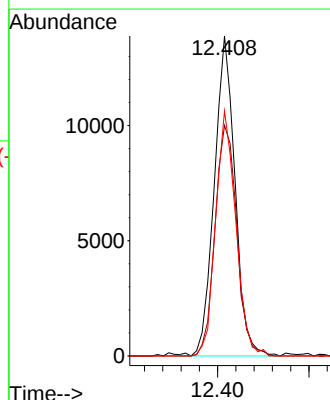
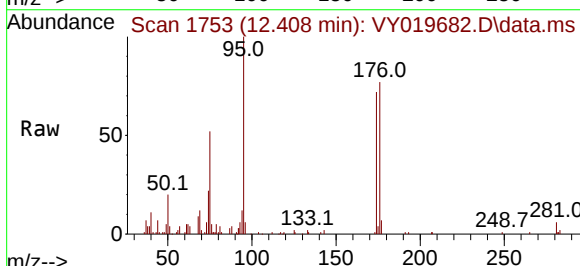
Tgt Ion: 95 Resp: 21809

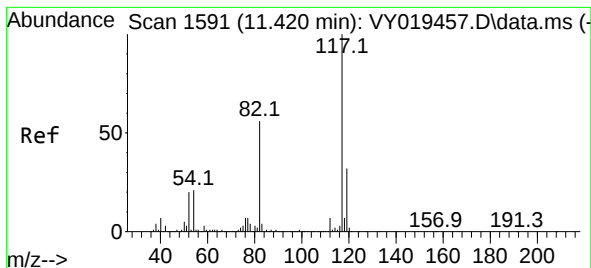
Ion Ratio Lower Upper

95 100

174 75.7 0.0 175.6

176 74.8 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019682.D

Acq: 24 Sep 2024 15:08

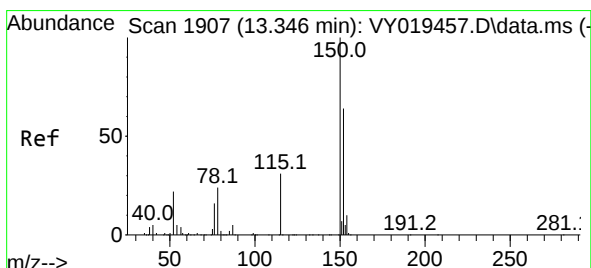
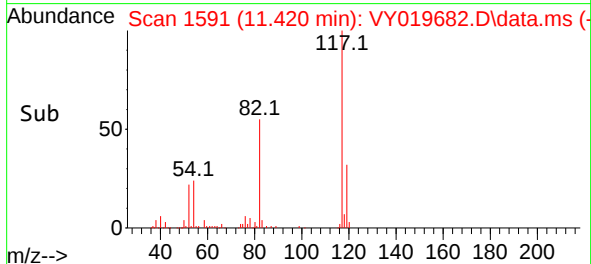
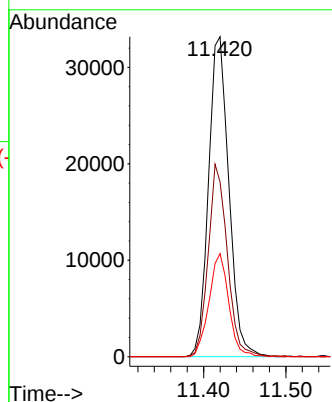
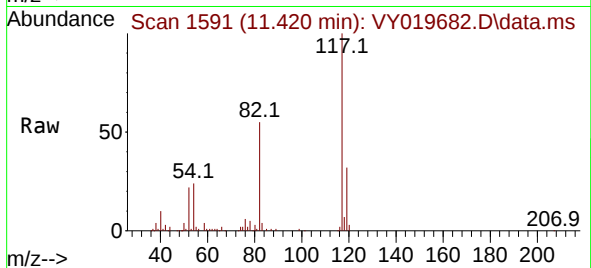
Instrument :

MSVOA_Y

ClientSampleId :

CL-02-092024

Tgt Ion:117	Resp:	56948
Ion	Ratio	Lower Upper
117	100	
82	54.6	42.4 63.6
119	32.2	25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019682.D

Acq: 24 Sep 2024 15:08

Tgt Ion:152	Resp:	15308
Ion	Ratio	Lower Upper
152	100	
115	64.2	28.2 84.7
150	162.1	0.0 345.6

