

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100324\
 Data File : VY019783.D
 Acq On : 03 Oct 2024 13:21
 Operator : SY/MD
 Sample : P4277-02
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BU-03-10022024

Quant Time: Oct 04 01:26:27 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	7.713	168	5538	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	10243	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	6221	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	827	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	4125	80.440	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	160.880%
35) Dibromofluoromethane	7.634	113	3225	55.531	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.060%
50) Toluene-d8	10.109	98	10956	51.003	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.000%
62) 4-Bromofluorobenzene	12.402	95	1532	18.548	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	37.100%

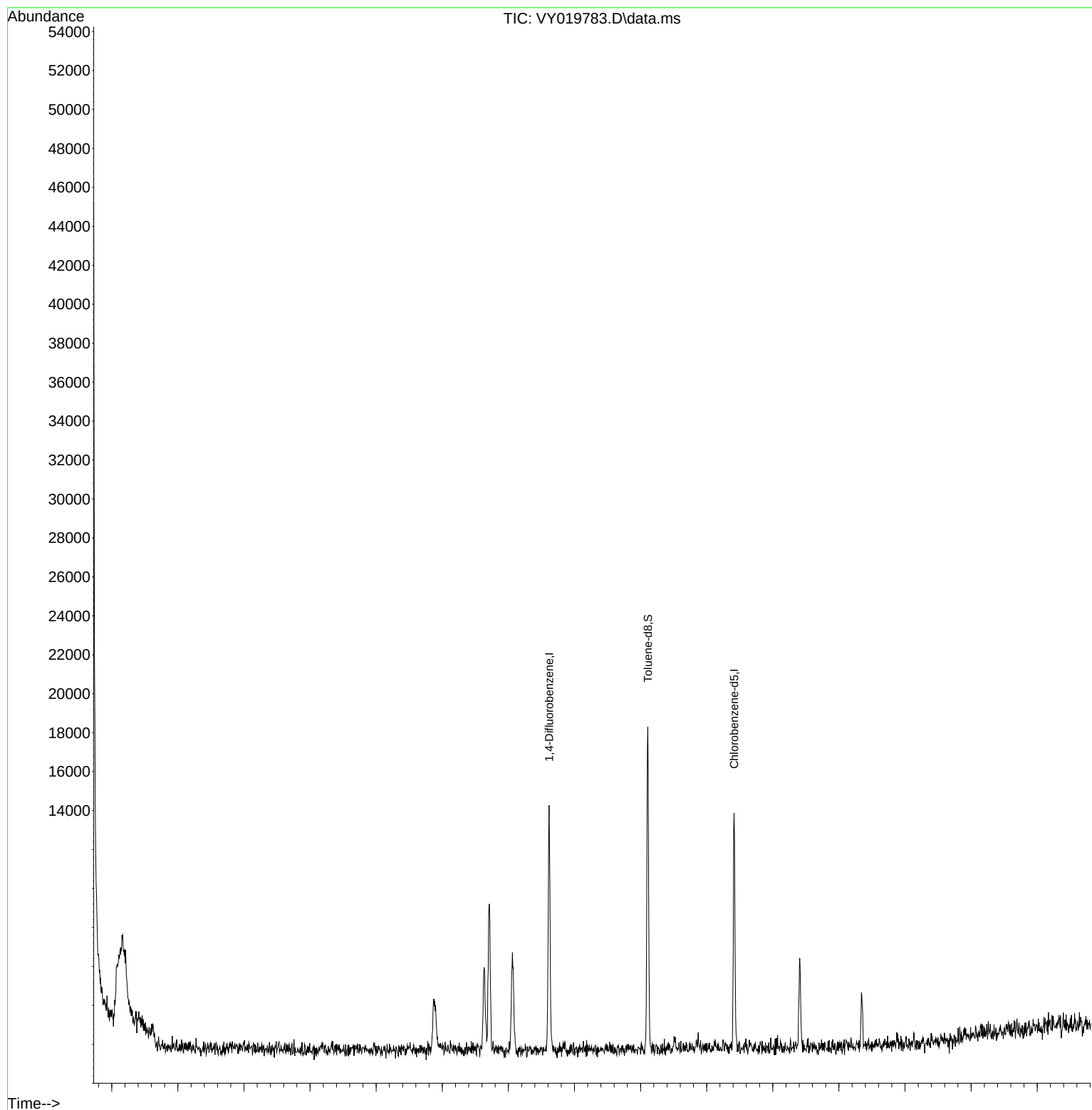
Target Compounds Qvalue

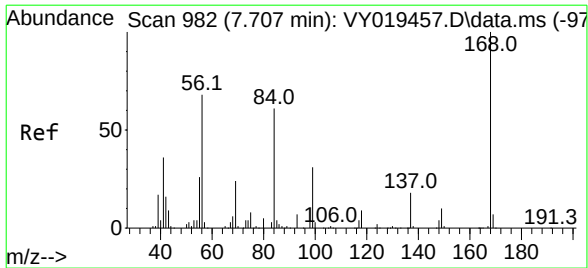
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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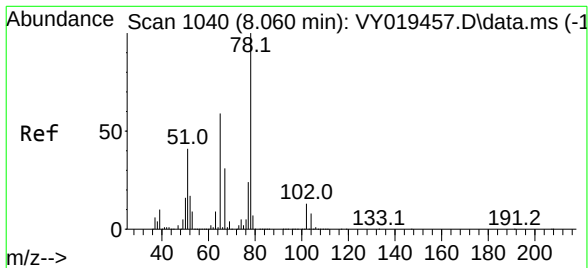
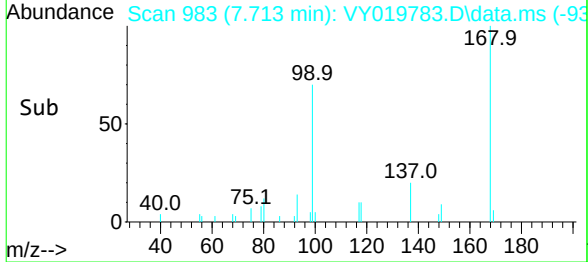
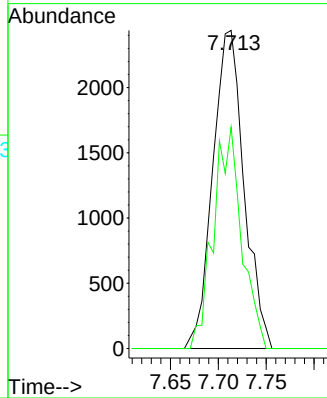
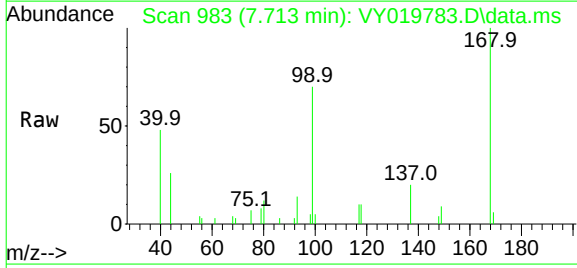




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY019783.D
Acq: 03 Oct 2024 13:21

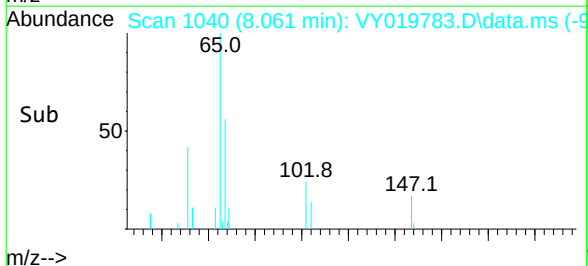
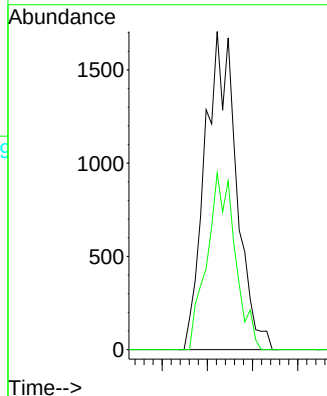
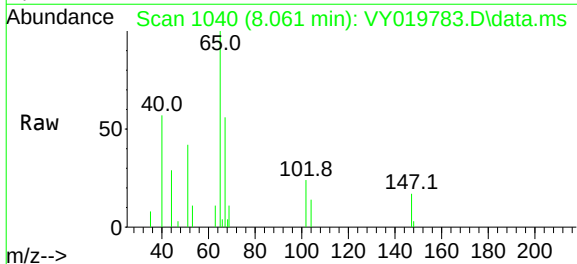
Instrument :
MSVOA_Y
ClientSampleId :
BU-03-10022024

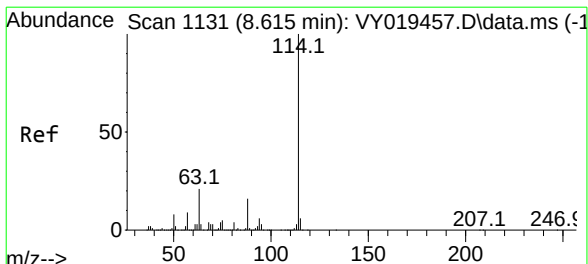
Tgt Ion:168 Resp: 5538
Ion Ratio Lower Upper
168 100
99 69.6 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 80.440 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019783.D
Acq: 03 Oct 2024 13:21

Tgt Ion: 65 Resp: 4125
Ion Ratio Lower Upper
65 100
67 49.7 0.0 109.6

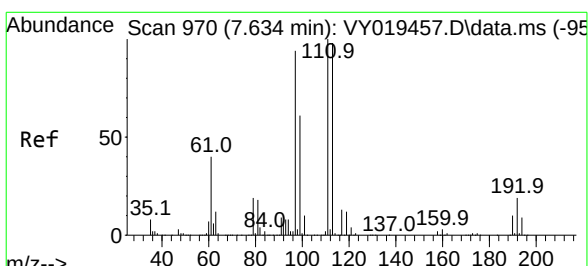
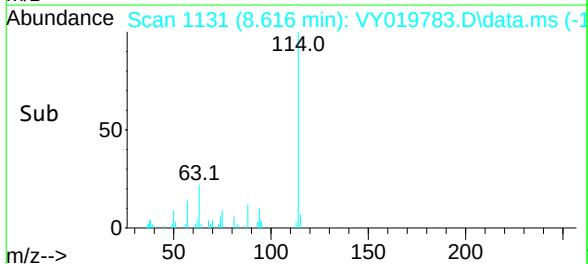
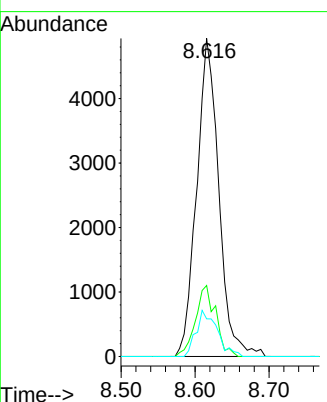
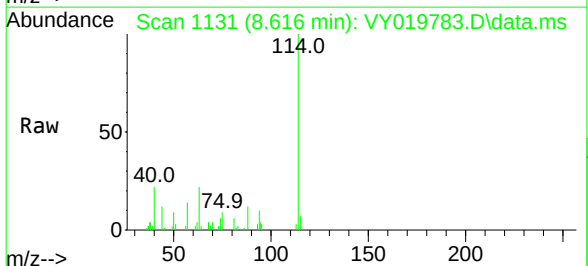




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY019783.D
 Acq: 03 Oct 2024 13:21

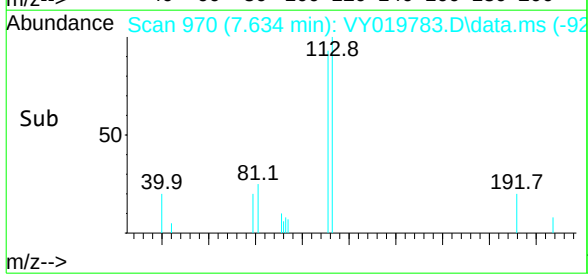
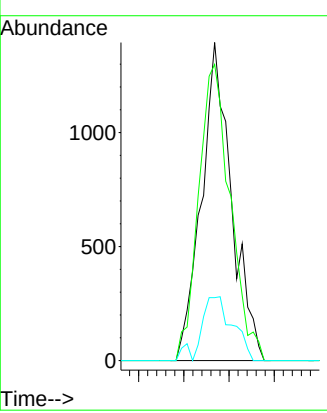
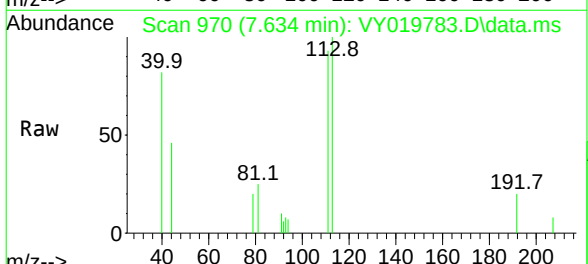
Instrument :
 MSVOA_Y
 ClientSampleId :
 BU-03-10022024

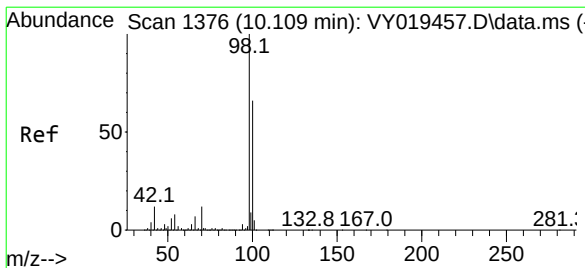
Tgt Ion:	114	Resp:	10243
Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	35.0
88	11.8	0.0	27.2



#35
 Dibromofluoromethane
 Concen: 55.531 ug/l
 RT: 7.634 min Scan# 970
 Delta R.T. 0.000 min
 Lab File: VY019783.D
 Acq: 03 Oct 2024 13:21

Tgt Ion:	113	Resp:	3225
Ion	Ratio	Lower	Upper
113	100		
111	97.9	82.2	123.4
192	21.1	15.9	23.9





#50

Toluene-d8

Concen: 51.003 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY019783.D

Acq: 03 Oct 2024 13:21

Instrument :

MSVOA_Y

ClientSampleId :

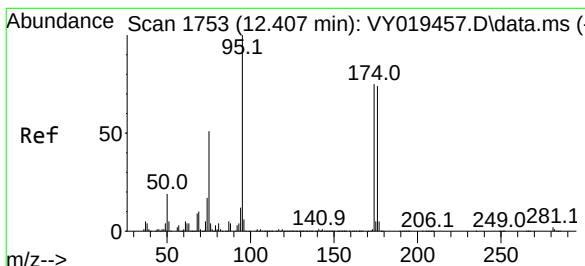
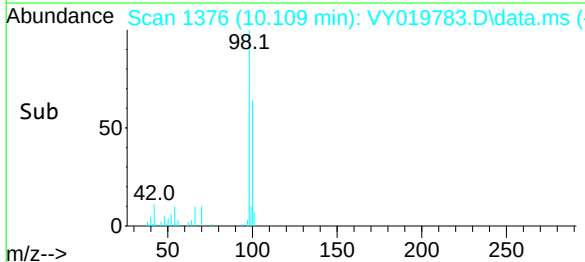
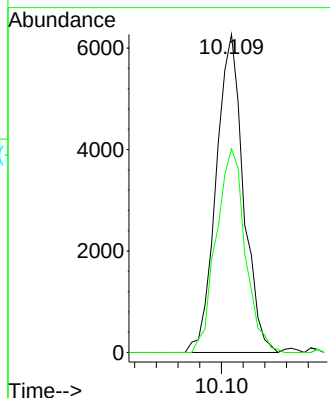
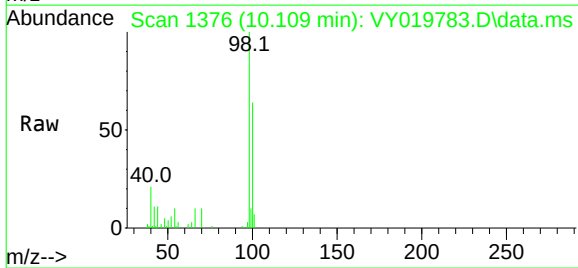
BU-03-10022024

Tgt Ion: 98 Resp: 10956

Ion Ratio Lower Upper

98 100

100 68.0 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 18.548 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.006 min

Lab File: VY019783.D

Acq: 03 Oct 2024 13:21

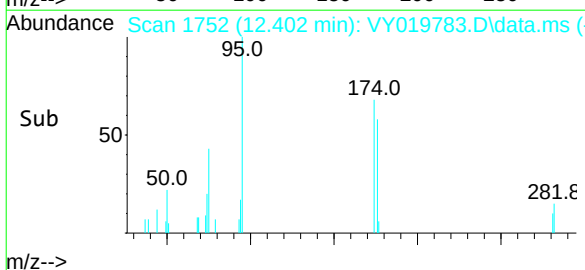
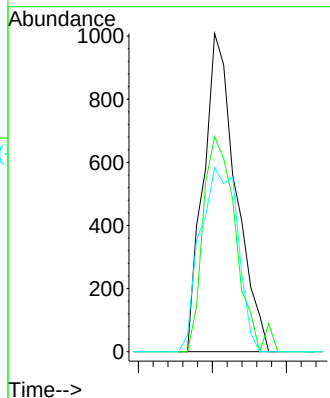
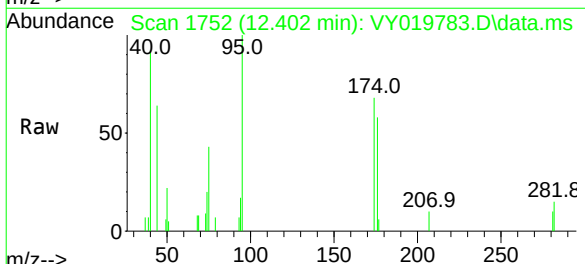
Tgt Ion: 95 Resp: 1532

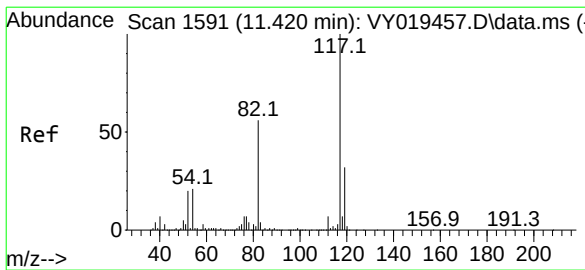
Ion Ratio Lower Upper

95 100

174 68.3 0.0 175.6

176 67.1 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. -0.006 min

Lab File: VY019783.D

Acq: 03 Oct 2024 13:21

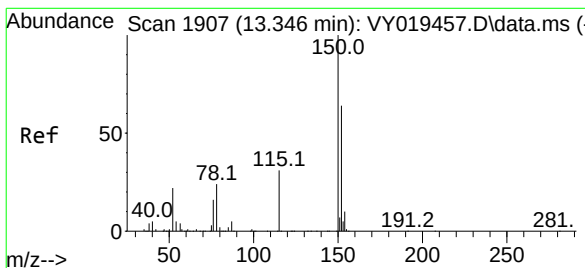
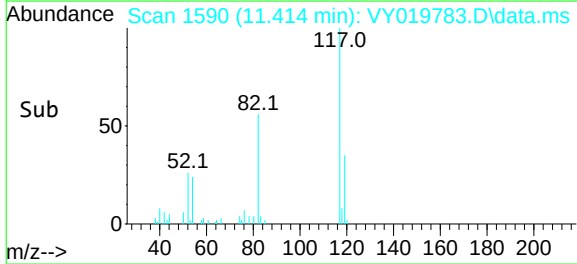
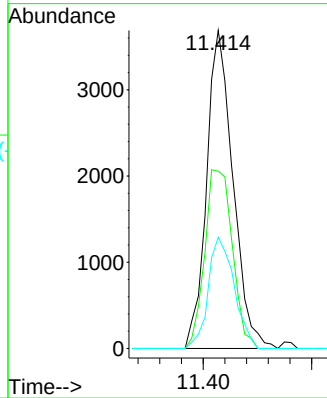
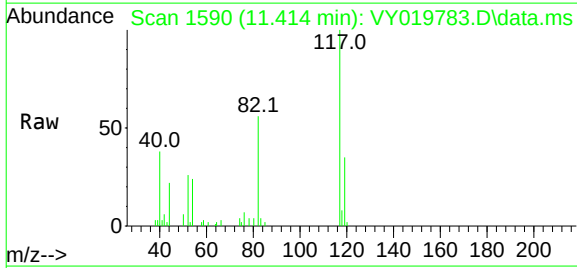
Instrument :

MSVOA_Y

ClientSampleId :

BU-03-10022024

Tgt Ion:	117	Resp:	6221
Ion	Ratio	Lower	Upper
117	100		
82	55.7	42.4	63.6
119	35.0	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: VY019783.D

Acq: 03 Oct 2024 13:21

Tgt Ion:	152	Resp:	827
Ion	Ratio	Lower	Upper
152	100		
115	66.9	28.2	84.7
150	163.0	0.0	345.6

