

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100224\
 Data File : VY019759.D
 Acq On : 02 Oct 2024 13:03
 Operator : SY/MD
 Sample : P4225-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-04-092724

Quant Time: Oct 03 01:59:59 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	4292	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	8345	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	5997	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	843	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	3507	88.242	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	176.480%#
35) Dibromofluoromethane	7.628	113	2969	62.750	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	125.500%
50) Toluene-d8	10.109	98	8879	50.735	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.480%
62) 4-Bromofluorobenzene	12.408	95	1379	20.493	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	40.980%

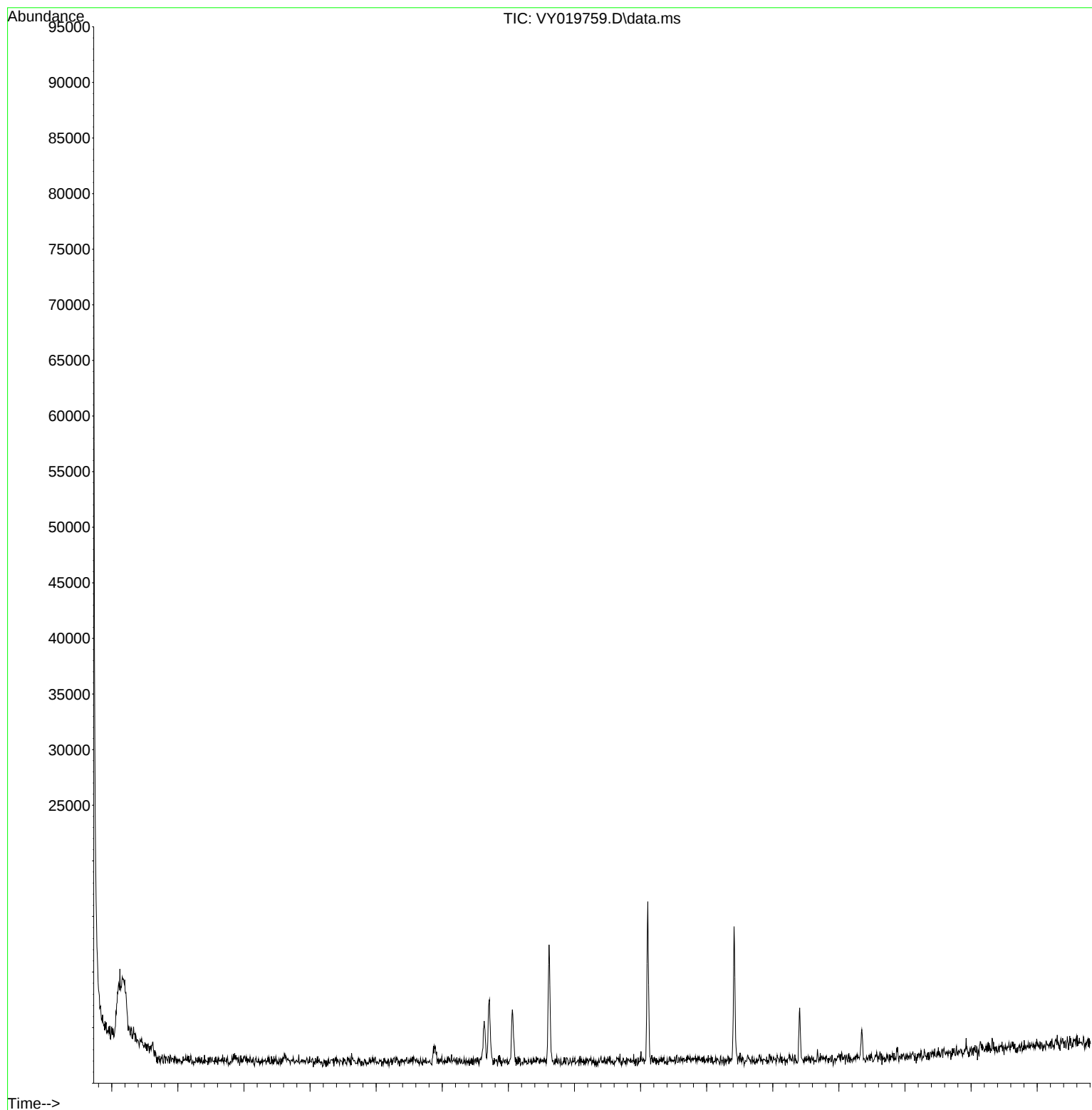
Target Compounds Qvalue

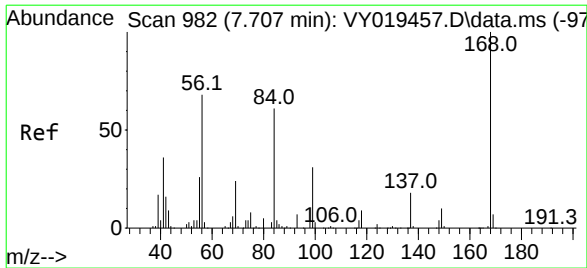
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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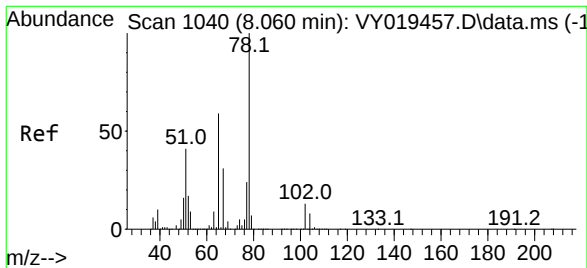
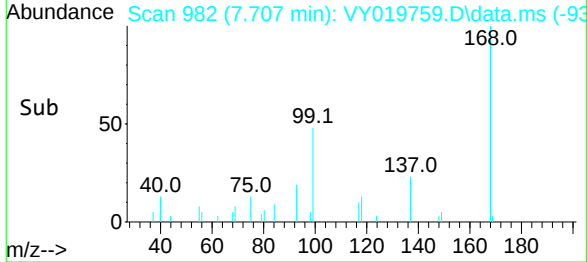
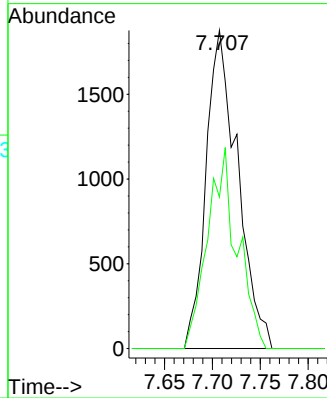
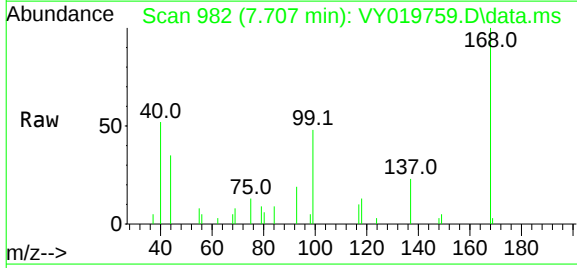




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY019759.D
Acq: 02 Oct 2024 13:03

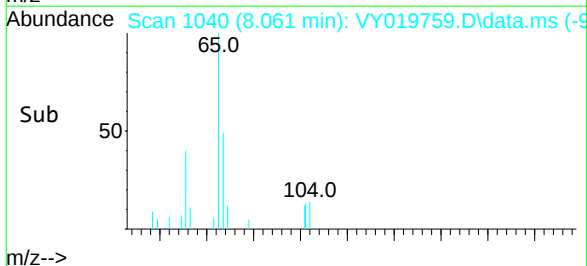
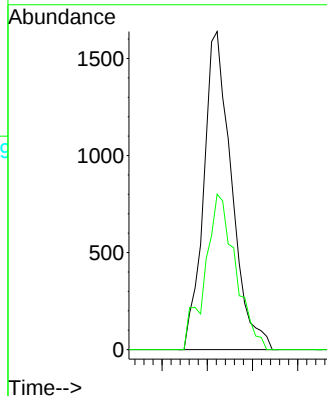
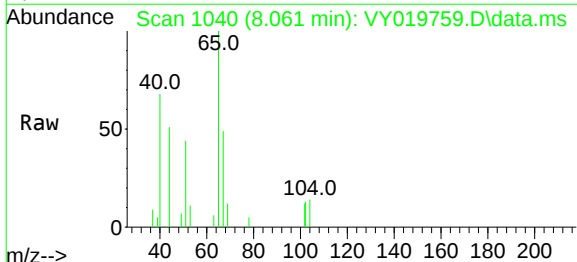
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-092724

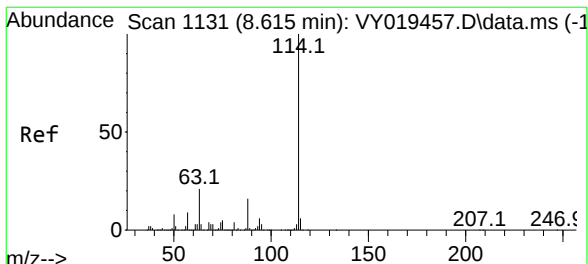
Tgt Ion: 168 Resp: 4292
Ion Ratio Lower Upper
168 100
99 47.6 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 88.242 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019759.D
Acq: 02 Oct 2024 13:03

Tgt Ion: 65 Resp: 3507
Ion Ratio Lower Upper
65 100
67 53.6 0.0 109.6

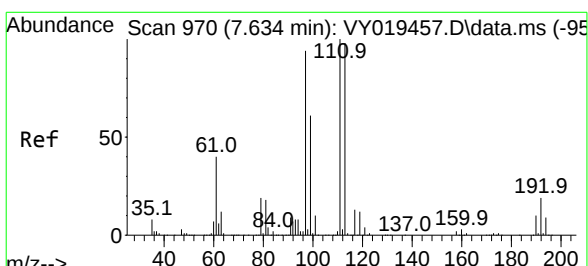
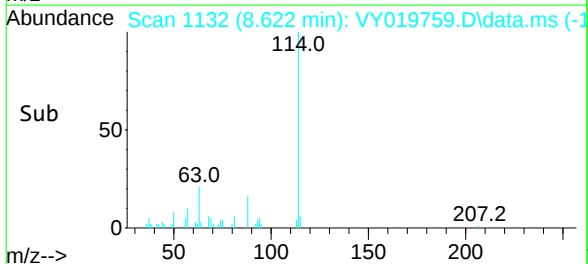
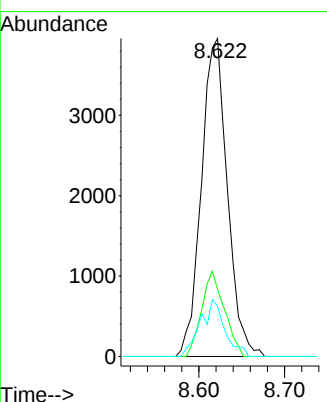
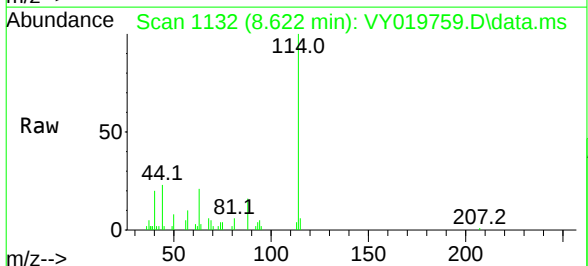




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.622 min Scan# 11
 Delta R.T. 0.007 min
 Lab File: VY019759.D
 Acq: 02 Oct 2024 13:03

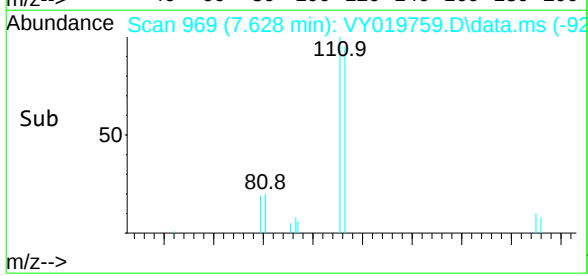
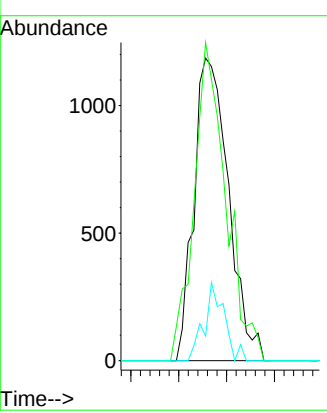
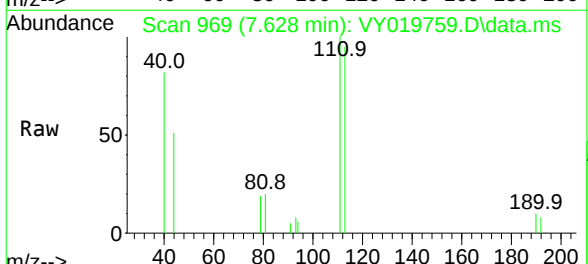
Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-04-092724

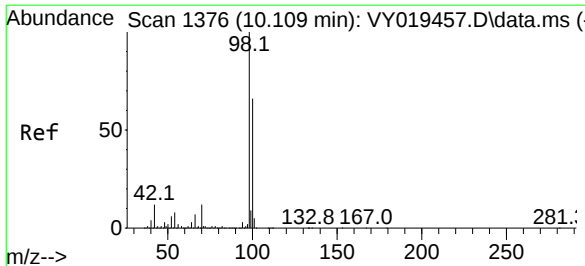
Tgt Ion:	114	Resp:	8345
Ion Ratio	Lower	Upper	
114	100		
63	21.1	0.0	35.0
88	15.8	0.0	27.2



#35
 Dibromofluoromethane
 Concen: 62.750 ug/l
 RT: 7.628 min Scan# 969
 Delta R.T. -0.006 min
 Lab File: VY019759.D
 Acq: 02 Oct 2024 13:03

Tgt Ion:	113	Resp:	2969
Ion Ratio	Lower	Upper	
113	100		
111	97.4	82.2	123.4
192	14.9	15.9	23.9





#50

Toluene-d8

Concen: 50.735 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY019759.D

Acq: 02 Oct 2024 13:03

Instrument :

MSVOA_Y

ClientSampleId :

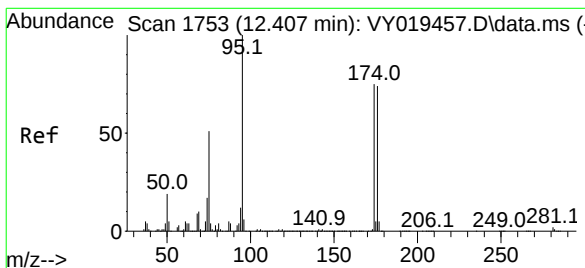
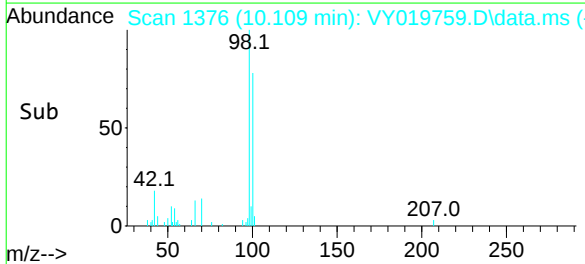
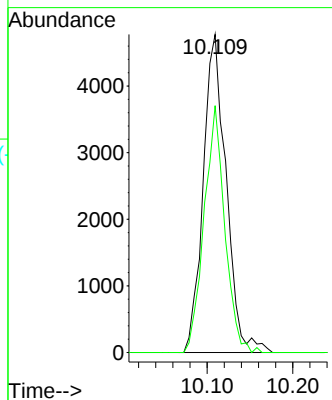
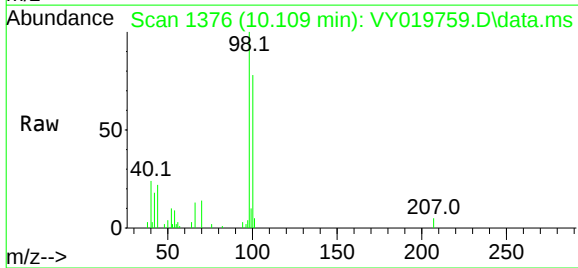
TR-04-092724

Tgt Ion: 98 Resp: 8879

Ion Ratio Lower Upper

98 100

100 70.0 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 20.493 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY019759.D

Acq: 02 Oct 2024 13:03

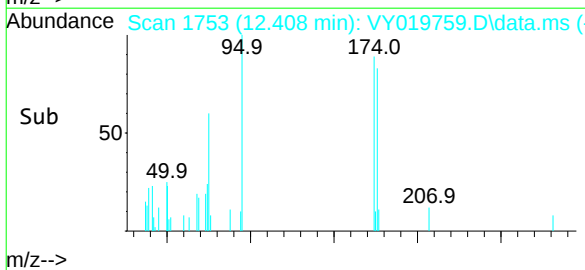
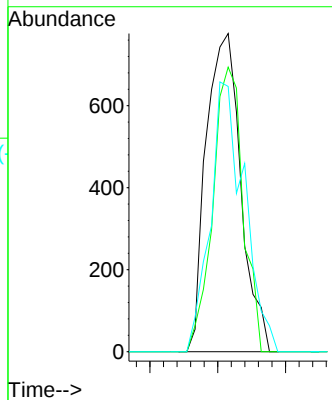
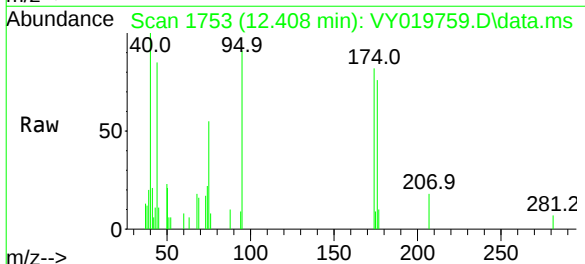
Tgt Ion: 95 Resp: 1379

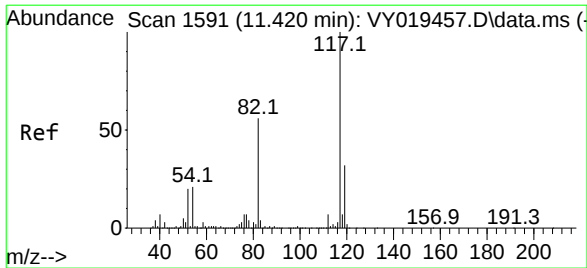
Ion Ratio Lower Upper

95 100

174 77.7 0.0 175.6

176 83.1 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1591

Delta R.T. -0.006 min

Lab File: VY019759.D

Acq: 02 Oct 2024 13:03

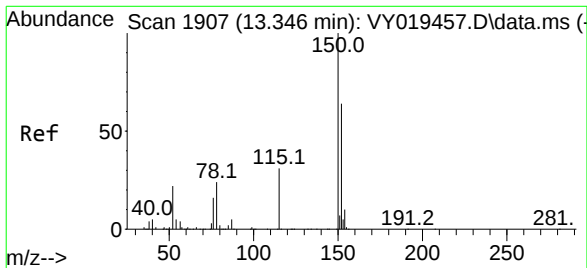
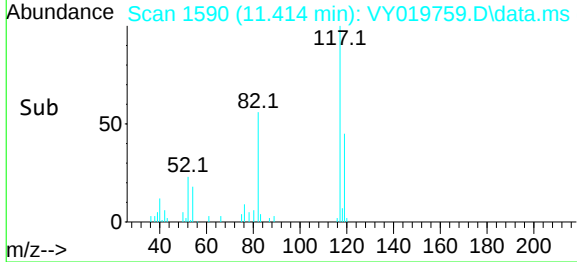
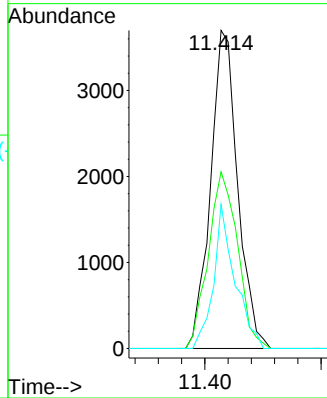
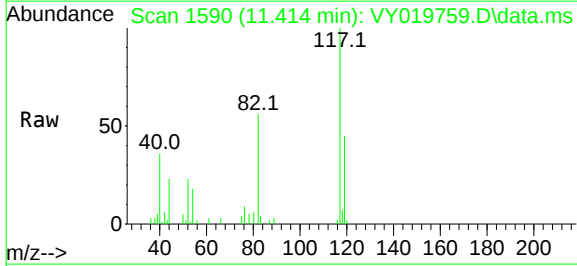
Instrument :

MSVOA_Y

ClientSampleId :

TR-04-092724

Tgt Ion:	117	Resp:	5997
Ion	Ratio	Lower	Upper
117	100		
82	55.5	42.4	63.6
119	45.3	25.9	38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019759.D

Acq: 02 Oct 2024 13:03

Tgt Ion:	152	Resp:	843
Ion	Ratio	Lower	Upper
152	100		
115	69.8	28.2	84.7
150	163.7	0.0	345.6

