

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101724\
 Data File : VY019934.D
 Acq On : 17 Oct 2024 16:01
 Operator : SY/MD
 Sample : P4417-04
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HOPPER-B-SOLID

Quant Time: Oct 18 01:43:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	6767	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	11005	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	4424	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	693	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	2790	33.485	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	66.960%
35) Dibromofluoromethane	7.640	113	2882	39.686	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	79.380%
50) Toluene-d8	10.103	98	10309	38.441	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	76.880%
62) 4-Bromofluorobenzene	12.414	95	1039	10.722	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	21.440%#

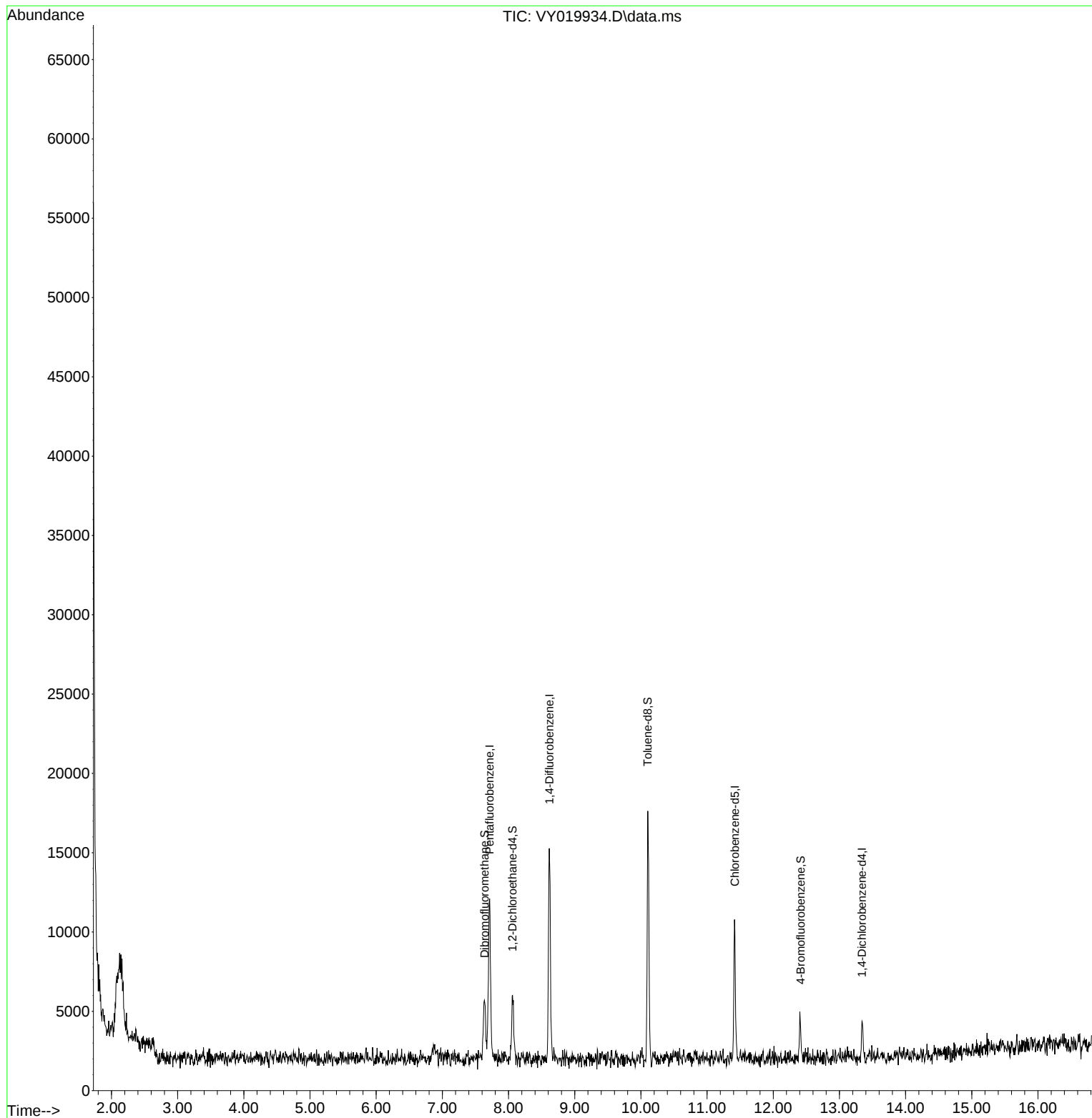
Target Compounds	Qvalue

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101724\
Data File : VY019934.D
Acq On : 17 Oct 2024 16:01
Operator : SY/MD
Sample : P4417-04
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HOPPER-B-SOLID

Quant Time: Oct 18 01:43:25 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 16 05:44:48 2024
Response via : Initial Calibration

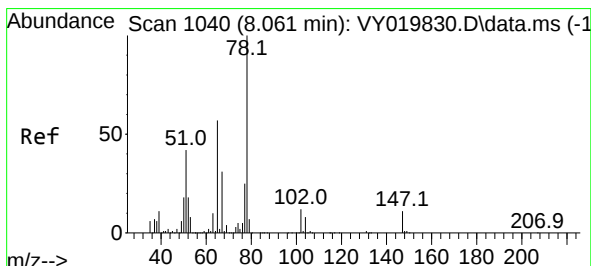
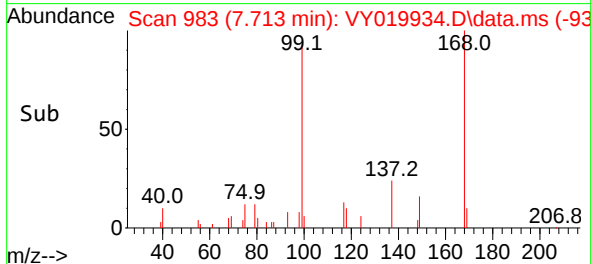
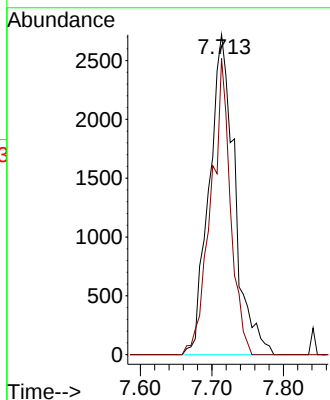
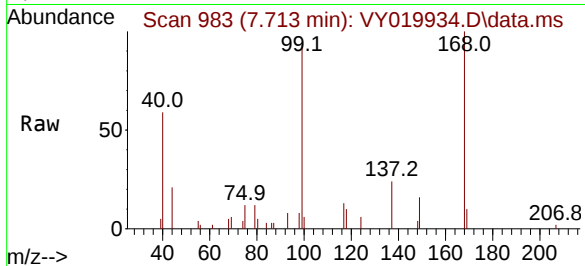




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019934.D
Acq: 17 Oct 2024 16:01

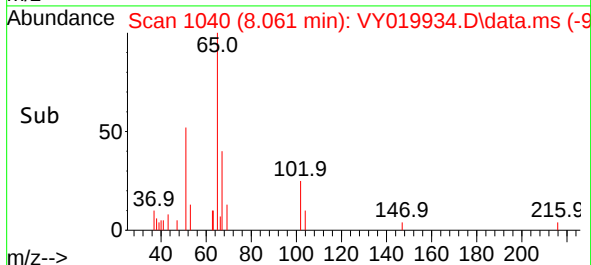
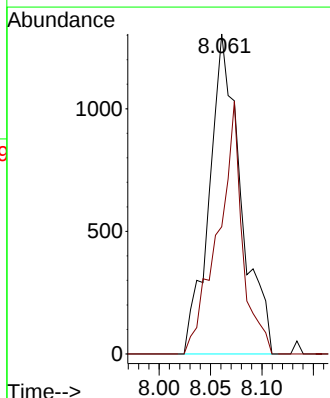
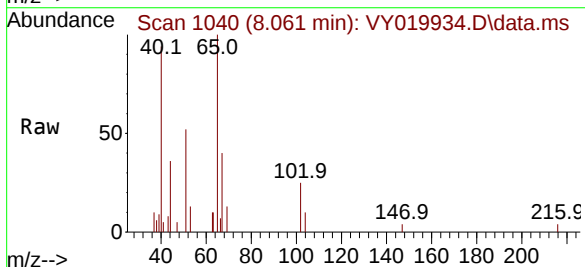
Instrument :
MSVOA_Y
ClientSampleId :
HOPPER-B-SOLID

Tgt Ion:168 Resp: 6767
Ion Ratio Lower Upper
168 100
99 92.6 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 33.485 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019934.D
Acq: 17 Oct 2024 16:01

Tgt Ion: 65 Resp: 2790
Ion Ratio Lower Upper
65 100
67 61.2 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: VY019934.D

Acq: 17 Oct 2024 16:01

Instrument :

MSVOA_Y

ClientSampleId :

HOPPER-B-SOLID

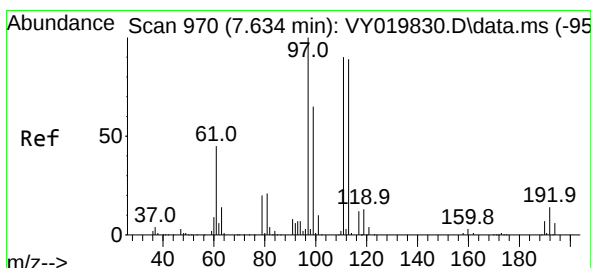
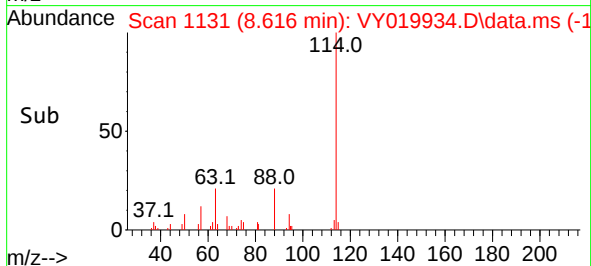
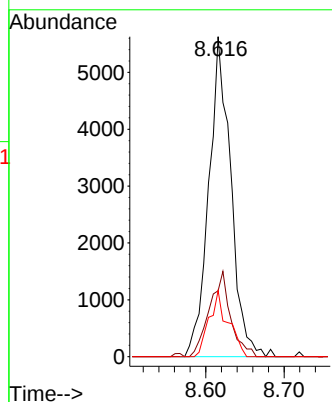
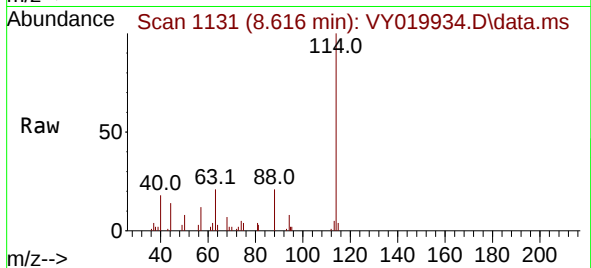
Tgt Ion:114 Resp: 11005

Ion Ratio Lower Upper

114 100

63 20.6 0.0 35.0

88 20.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 39.686 ug/l

RT: 7.640 min Scan# 971

Delta R.T. 0.007 min

Lab File: VY019934.D

Acq: 17 Oct 2024 16:01

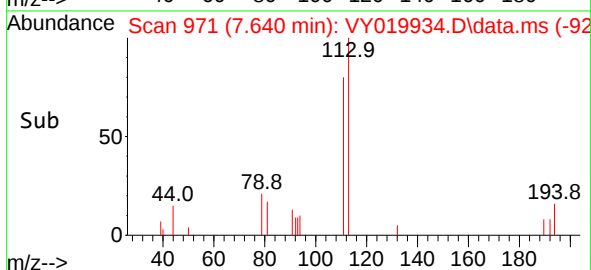
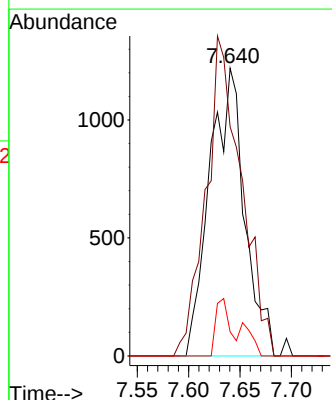
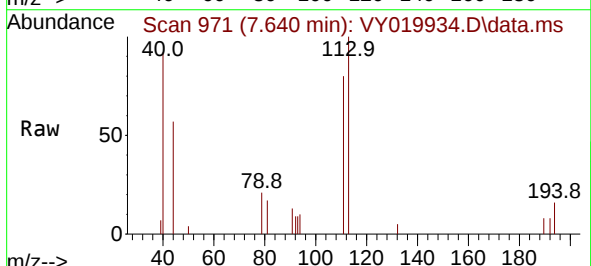
Tgt Ion:113 Resp: 2882

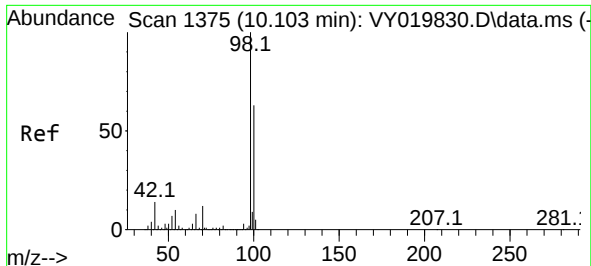
Ion Ratio Lower Upper

113 100

111 111.9 82.2 123.4

192 8.0 15.9 23.9#

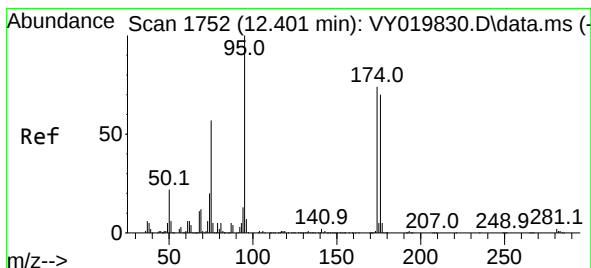
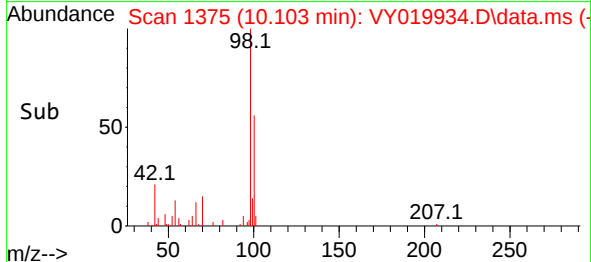
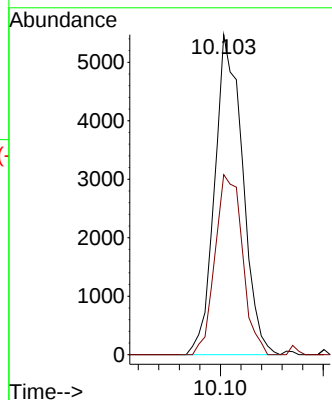
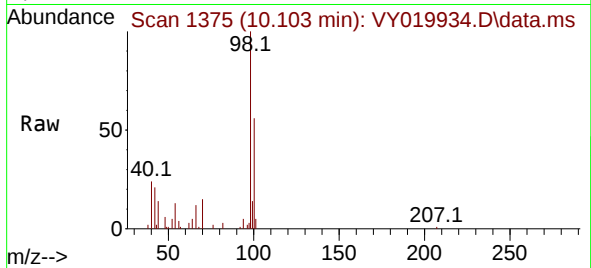




#50
Toluene-d8
Concen: 38.441 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019934.D
Acq: 17 Oct 2024 16:01

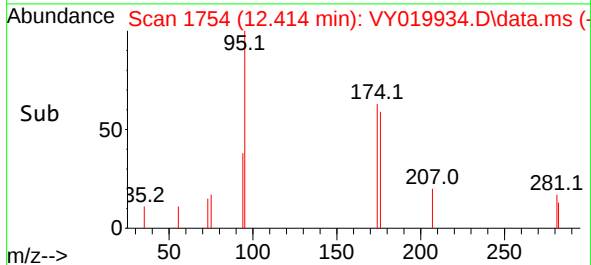
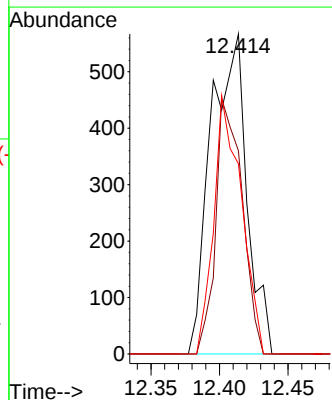
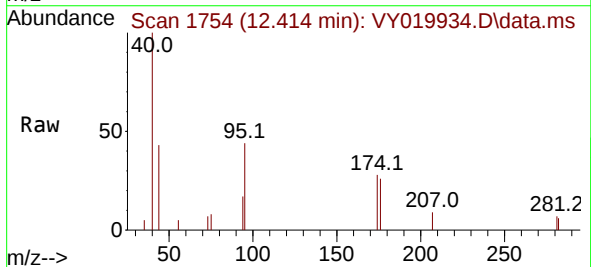
Instrument :
MSVOA_Y
ClientSampleId :
HOPPER-B-SOLID

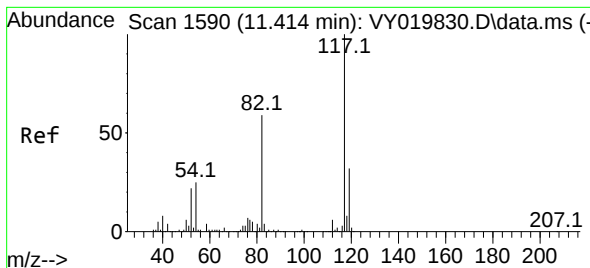
Tgt Ion: 98 Resp: 10309
Ion Ratio Lower Upper
98 100
100 55.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 10.722 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.007 min
Lab File: VY019934.D
Acq: 17 Oct 2024 16:01

Tgt Ion: 95 Resp: 1039
Ion Ratio Lower Upper
95 100
174 58.3 0.0 175.6
176 61.5 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: VY019934.D

Acq: 17 Oct 2024 16:01

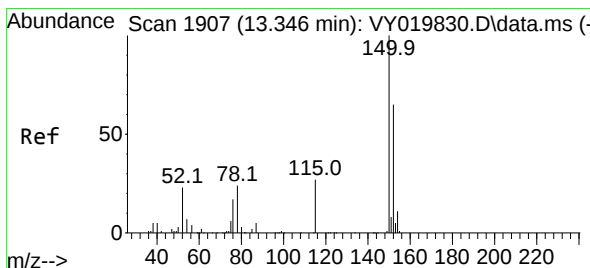
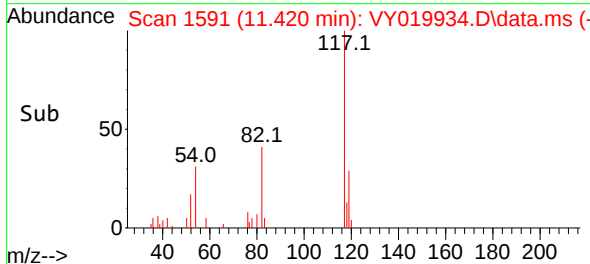
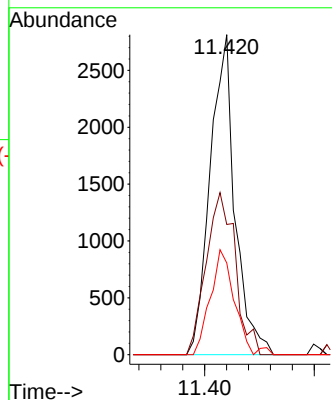
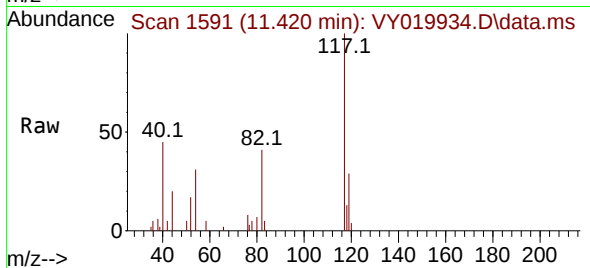
Instrument :

MSVOA_Y

ClientSampleId :

HOPPER-B-SOLID

Tgt Ion:117	Resp:	4424
Ion Ratio	Lower	Upper
117	100	
82	40.7	42.4 63.6#
119	28.6	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: VY019934.D

Acq: 17 Oct 2024 16:01

Tgt Ion:152	Resp:	693
Ion Ratio	Lower	Upper
152	100	
115	81.8	28.2 84.7
150	154.7	0.0 345.6

