

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112124\
 Data File : VY020398.D
 Acq On : 21 Nov 2024 19:37
 Operator : SY/MD
 Sample : P4936-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PL-01-11202024

Quant Time: Nov 22 00:29:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 20 04:38:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	42495	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	76610	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	65664	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	23475	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	25750	52.743	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.480%
35) Dibromofluoromethane	7.640	113	24458	49.788	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.580%
50) Toluene-d8	10.109	98	89608	46.306	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.620%
62) 4-Bromofluorobenzene	12.408	95	28095	45.163	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	90.320%

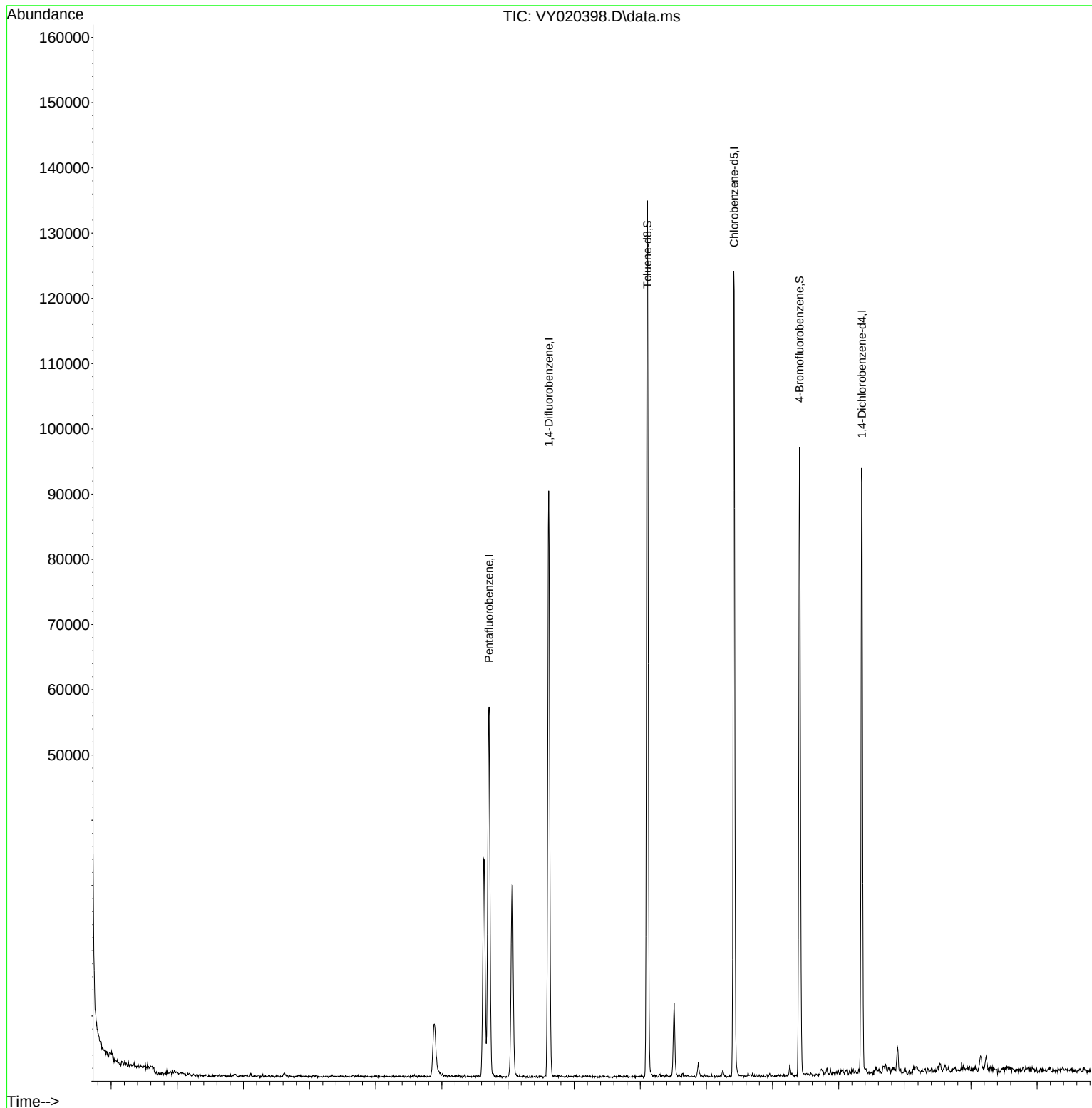
Target Compounds	Qvalue

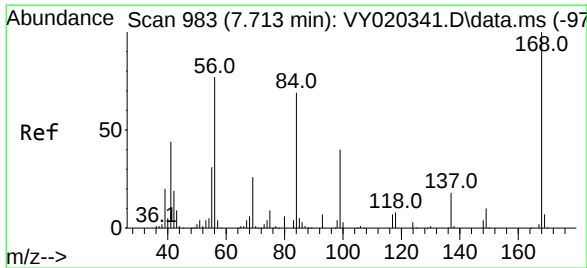
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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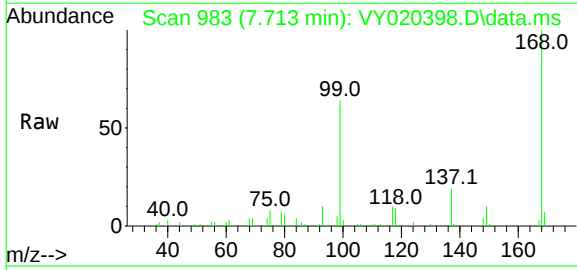
Quant Time: Nov 22 00:29:54 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
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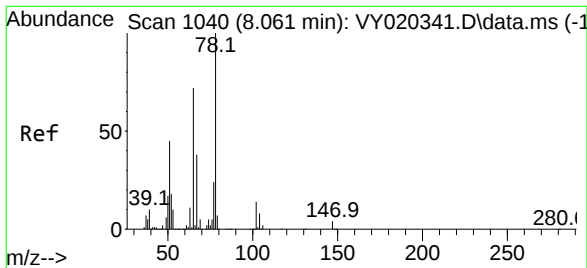
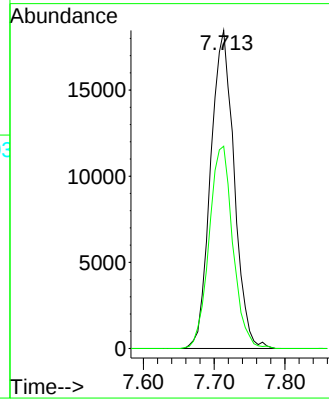
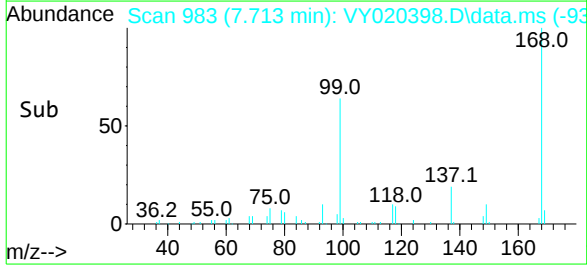


Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.713 min Scan# 98
 Delta R.T. 0.000 min
 Lab File: VY020398.D
 Acq: 21 Nov 2024 19:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 PL-01-11202024

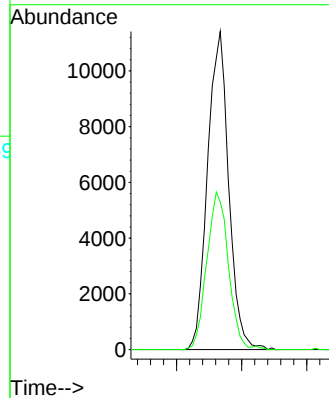
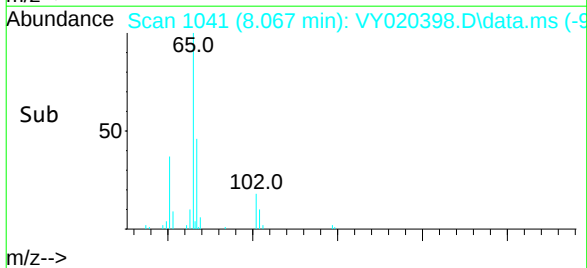
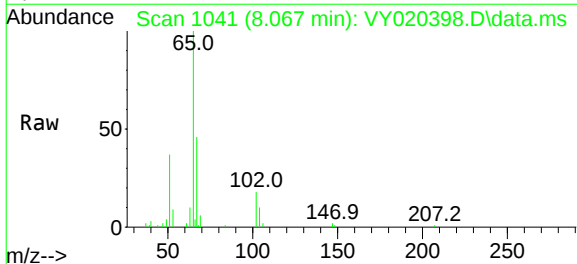


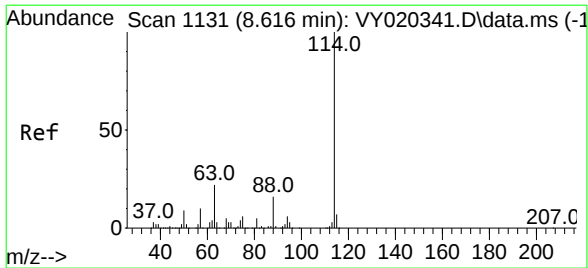
Tgt Ion: 168 Resp: 42495
 Ion Ratio Lower Upper
 168 100
 99 63.6 46.6 69.8



#33
 1,2-Dichloroethane-d4
 Concen: 52.743 ug/l
 RT: 8.067 min Scan# 1041
 Delta R.T. 0.006 min
 Lab File: VY020398.D
 Acq: 21 Nov 2024 19:37

Tgt Ion: 65 Resp: 25750
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 105.8

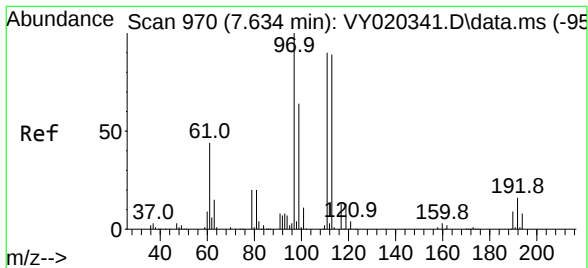
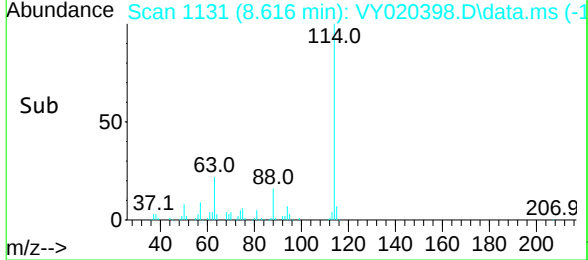
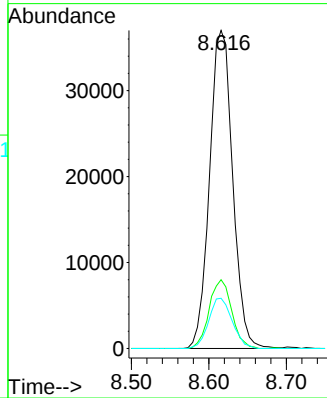
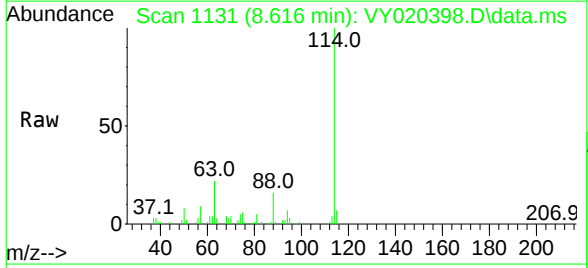




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020398.D
Acq: 21 Nov 2024 19:37

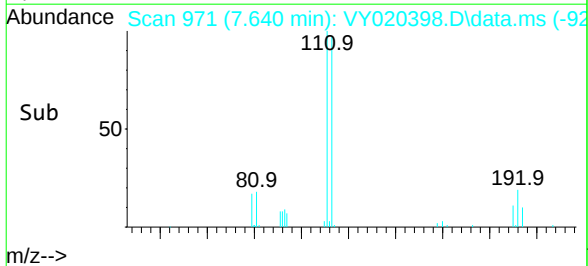
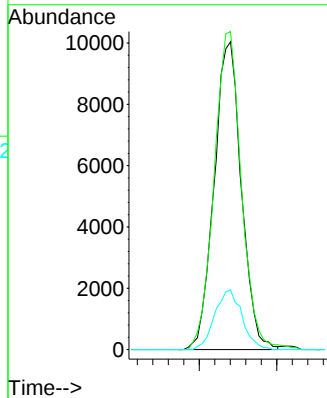
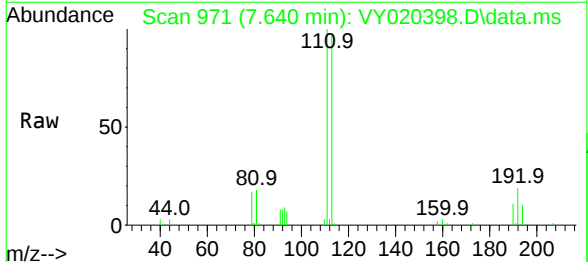
Instrument :
MSVOA_Y
ClientSampleId :
PL-01-11202024

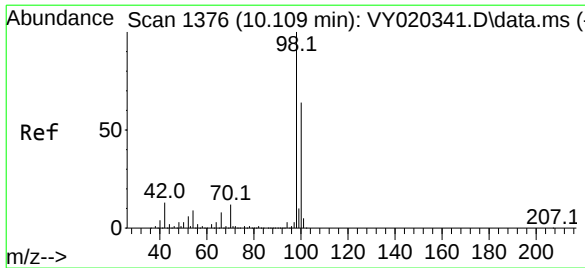
Tgt Ion:	114	Resp:	76610
Ion Ratio	Lower	Upper	
114	100		
63	21.6	0.0	44.8
88	15.8	0.0	32.0



#35
Dibromofluoromethane
Concen: 49.788 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY020398.D
Acq: 21 Nov 2024 19:37

Tgt Ion:	113	Resp:	24458
Ion Ratio	Lower	Upper	
113	100		
111	103.6	81.4	122.0
192	19.4	15.1	22.7





#50

Toluene-d8

Concen: 46.306 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY020398.D

Acq: 21 Nov 2024 19:37

Instrument :

MSVOA_Y

ClientSampleId :

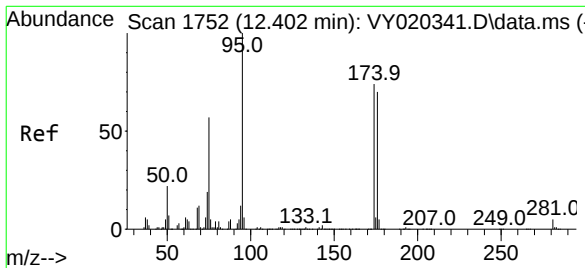
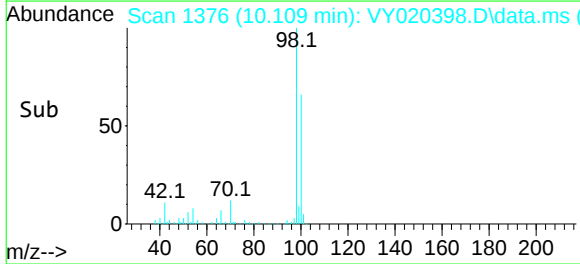
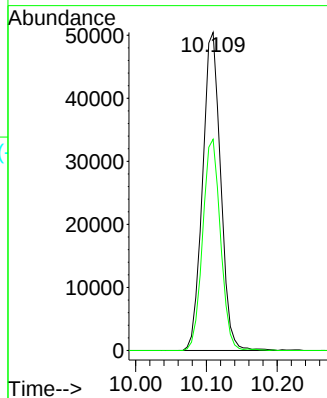
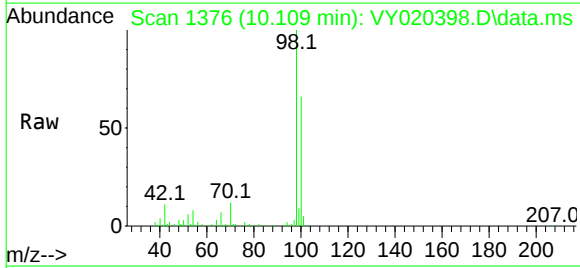
PL-01-11202024

Tgt Ion: 98 Resp: 89608

Ion Ratio Lower Upper

98 100

100 65.5 51.3 76.9



#62

4-Bromofluorobenzene

Concen: 45.163 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY020398.D

Acq: 21 Nov 2024 19:37

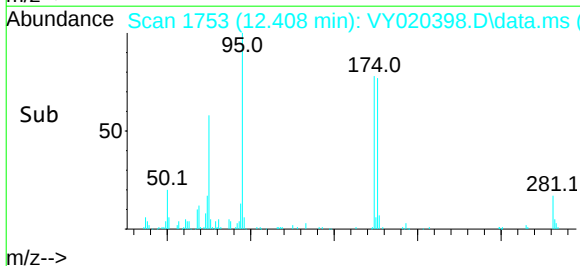
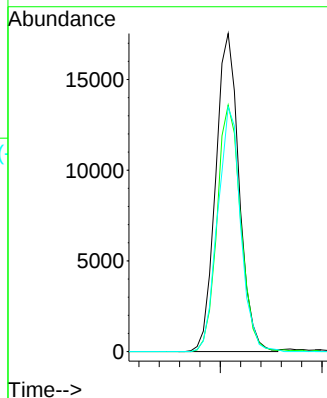
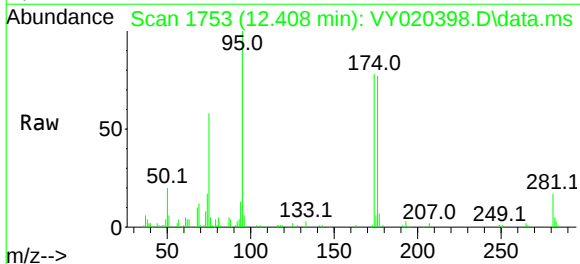
Tgt Ion: 95 Resp: 28095

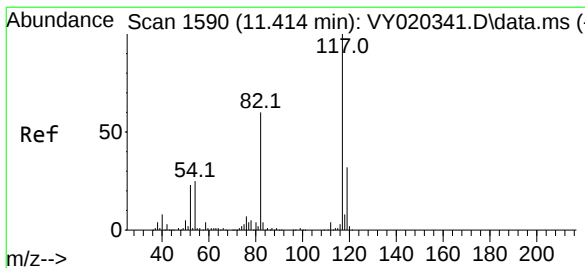
Ion Ratio Lower Upper

95 100

174 78.1 0.0 156.8

176 75.3 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1590

Delta R.T. 0.006 min

Lab File: VY020398.D

Acq: 21 Nov 2024 19:37

Instrument :

MSVOA_Y

ClientSampleId :

PL-01-11202024

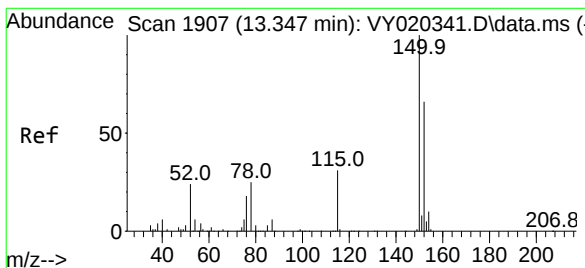
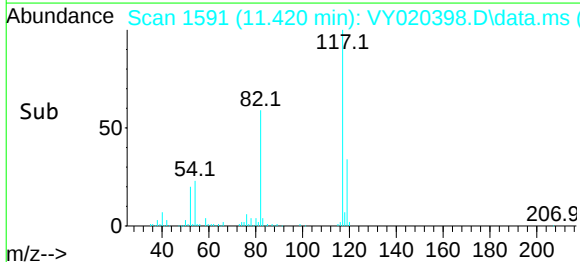
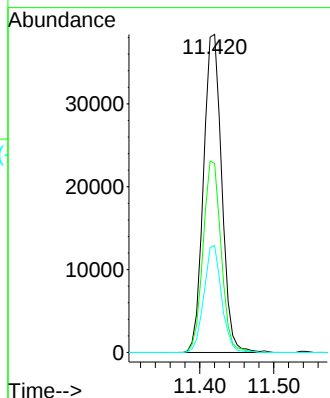
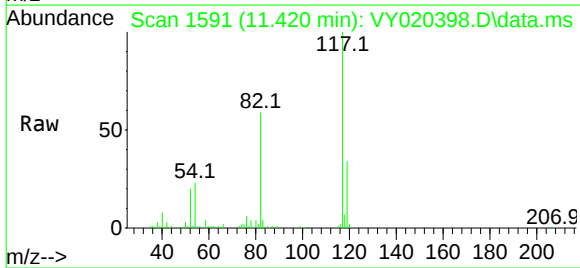
Tgt Ion:117 Resp: 65664

Ion Ratio Lower Upper

117 100

82 59.4 48.2 72.4

119 33.6 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY020398.D

Acq: 21 Nov 2024 19:37

Tgt Ion:152 Resp: 23475

Ion Ratio Lower Upper

152 100

115 62.2 30.0 90.0

150 154.4 0.0 348.2

