

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112724\
 Data File : VY020467.D
 Acq On : 27 Nov 2024 17:48
 Operator : SY/MD
 Sample : P5045-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-04-11222024

Quant Time: Nov 28 01:02:58 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	23489	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	35910	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	26049	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	7112	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	8939	33.124	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	66.240%
35) Dibromofluoromethane	7.646	113	10366	45.018	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.040%
50) Toluene-d8	10.109	98	40696	44.866	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.740%
62) 4-Bromofluorobenzene	12.408	95	10175	34.895	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	69.780%

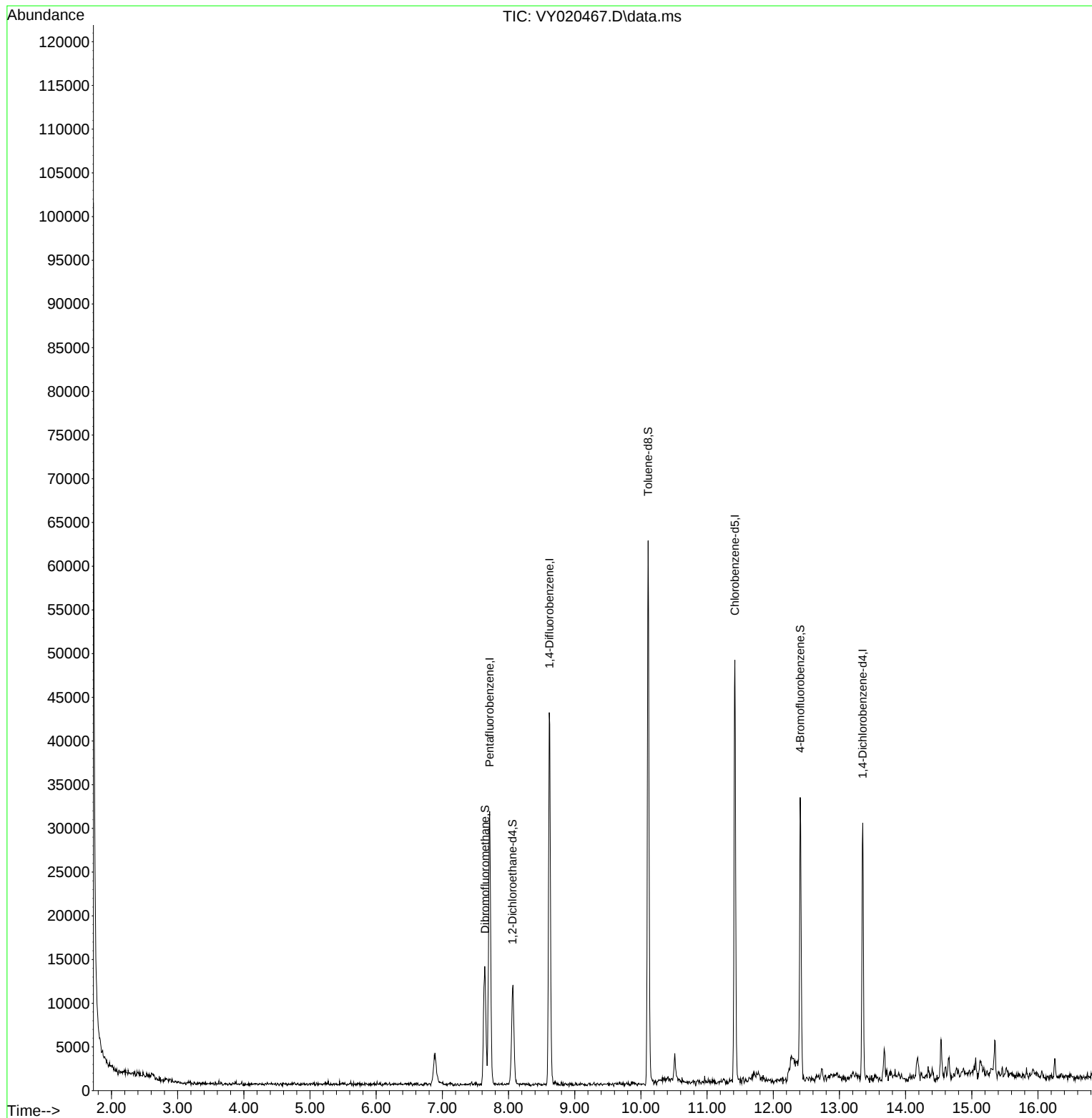
Target Compounds Qvalue

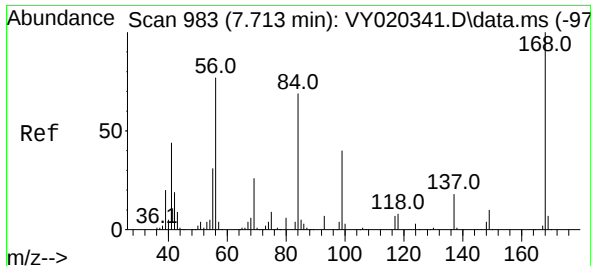
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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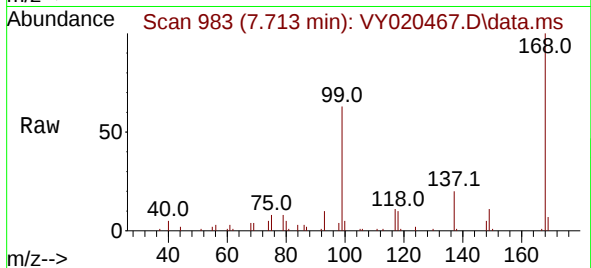
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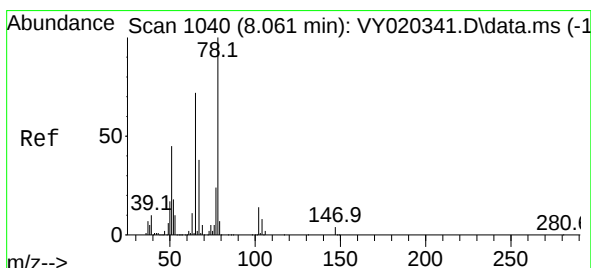
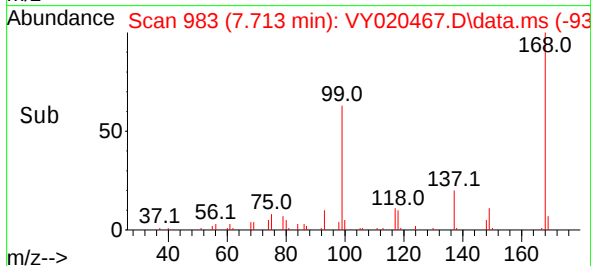
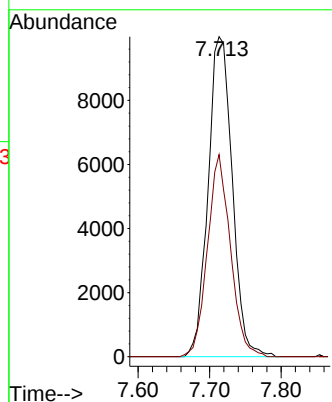


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY020467.D
Acq: 27 Nov 2024 17:48

Instrument :
MSVOA_Y
ClientSampleId :
SU-04-11222024

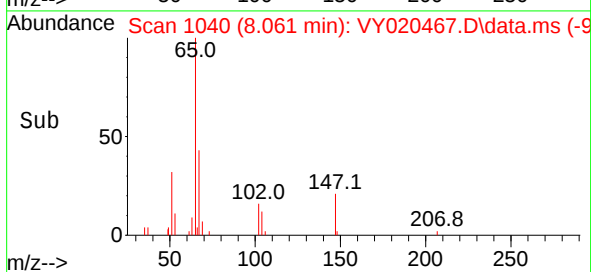
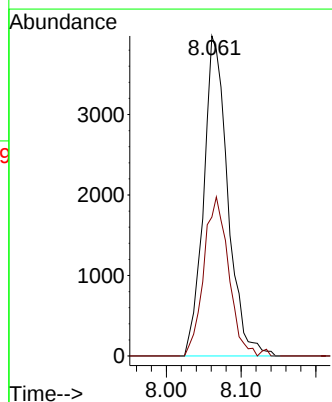
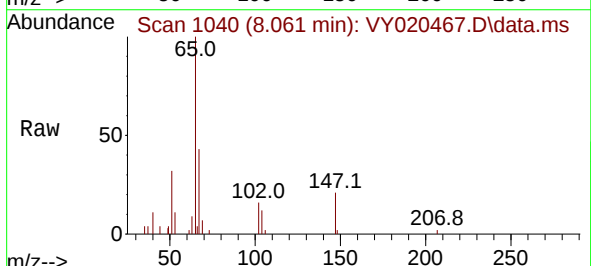


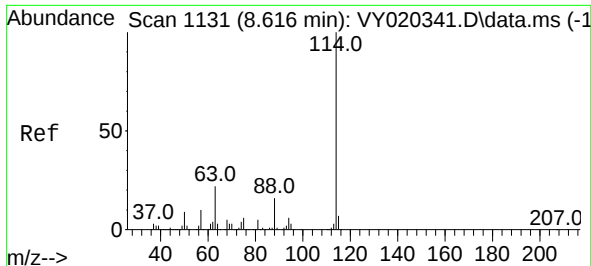
Tgt Ion:168 Resp: 23489
Ion Ratio Lower Upper
168 100
99 63.1 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 33.124 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY020467.D
Acq: 27 Nov 2024 17:48

Tgt Ion: 65 Resp: 8939
Ion Ratio Lower Upper
65 100
67 50.8 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: VY020467.D

Acq: 27 Nov 2024 17:48

Instrument :

MSVOA_Y

ClientSampleId :

SU-04-11222024

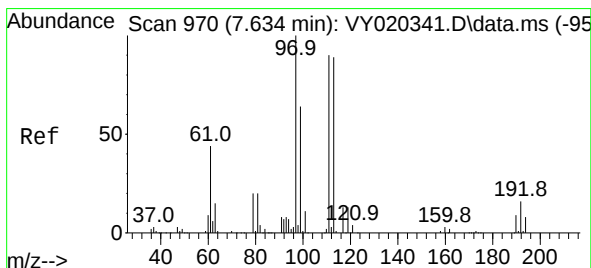
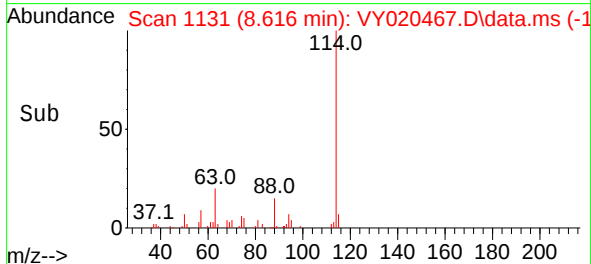
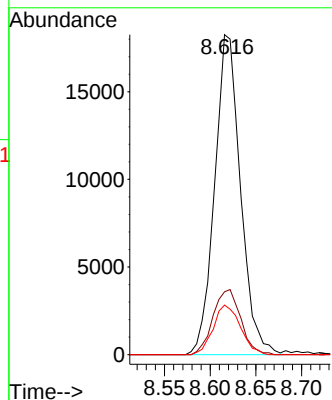
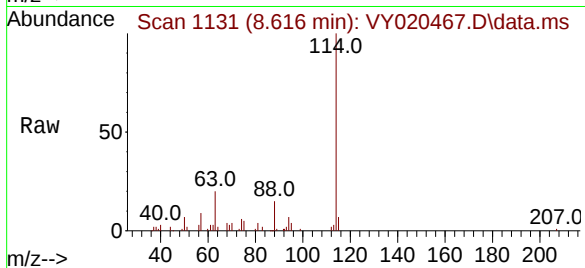
Tgt Ion:114 Resp: 35910

Ion Ratio Lower Upper

114 100

63 19.7 0.0 44.8

88 15.5 0.0 32.0



#35

Dibromofluoromethane

Concen: 45.018 ug/l

RT: 7.646 min Scan# 972

Delta R.T. 0.012 min

Lab File: VY020467.D

Acq: 27 Nov 2024 17:48

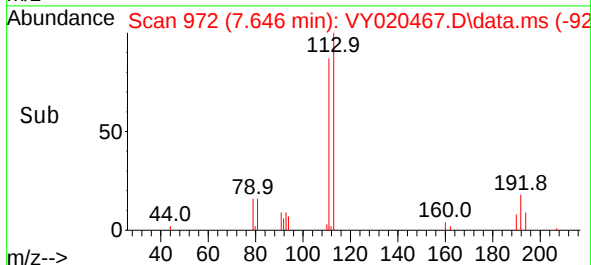
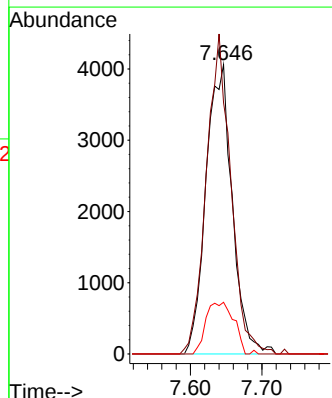
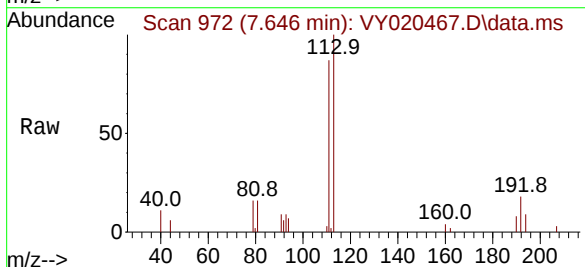
Tgt Ion:113 Resp: 10366

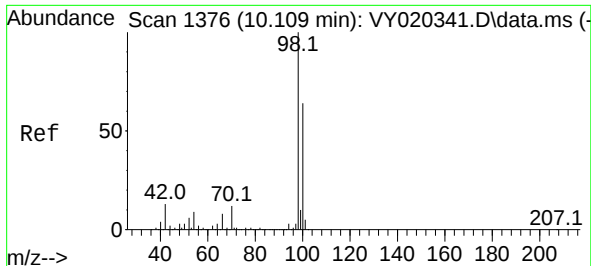
Ion Ratio Lower Upper

113 100

111 103.0 81.4 122.0

192 18.9 15.1 22.7





#50

Toluene-d8

Concen: 44.866 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY020467.D

Acq: 27 Nov 2024 17:48

Instrument :

MSVOA_Y

ClientSampleId :

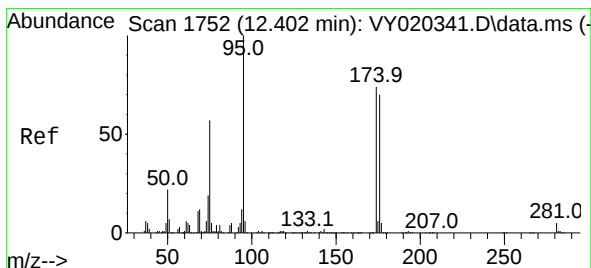
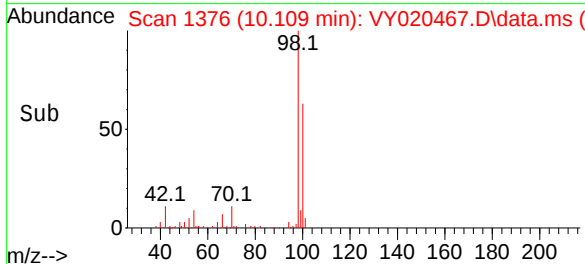
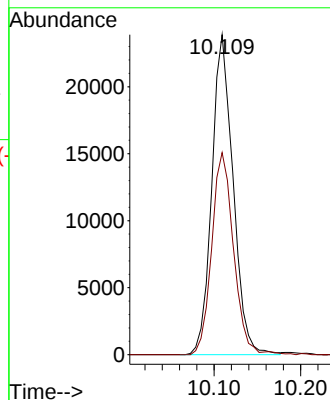
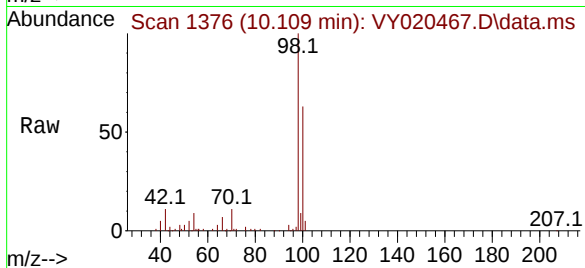
SU-04-11222024

Tgt Ion: 98 Resp: 40696

Ion Ratio Lower Upper

98 100

100 64.8 51.3 76.9



#62

4-Bromofluorobenzene

Concen: 34.895 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY020467.D

Acq: 27 Nov 2024 17:48

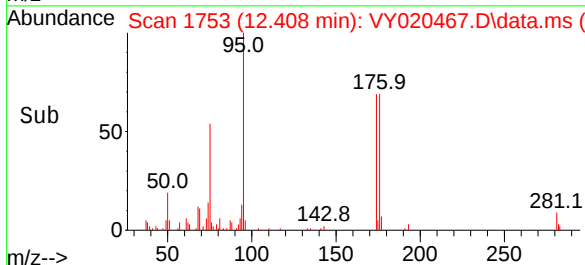
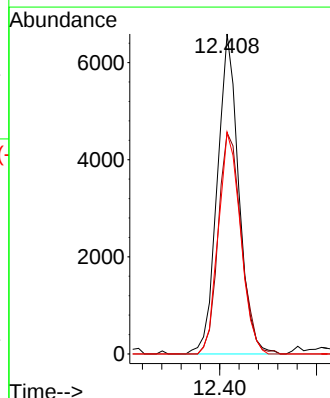
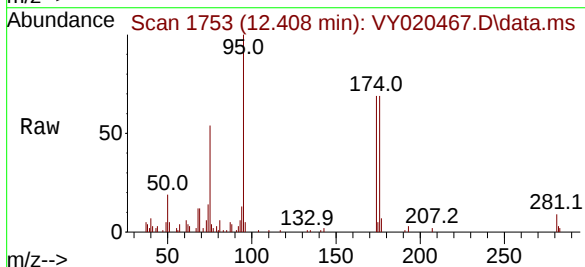
Tgt Ion: 95 Resp: 10175

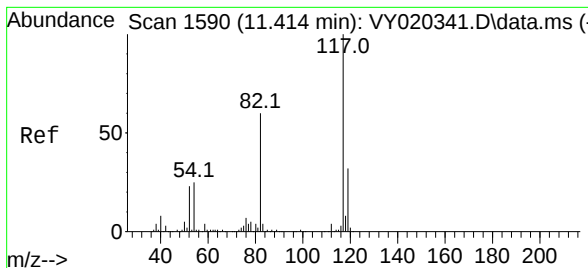
Ion Ratio Lower Upper

95 100

174 74.0 0.0 156.8

176 71.5 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY020467.D

Acq: 27 Nov 2024 17:48

Instrument :

MSVOA_Y

ClientSampleId :

SU-04-11222024

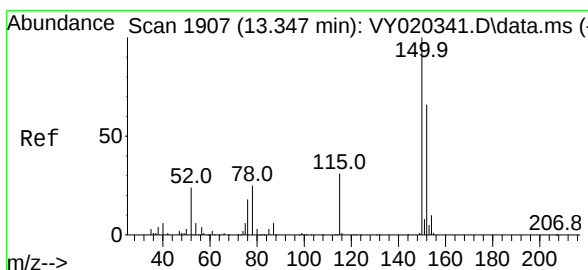
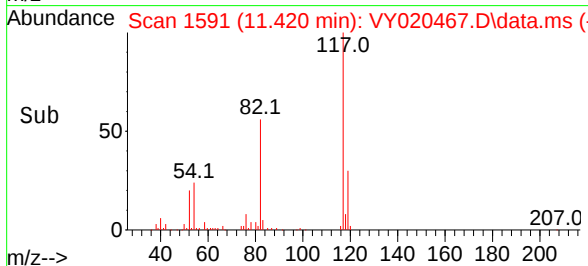
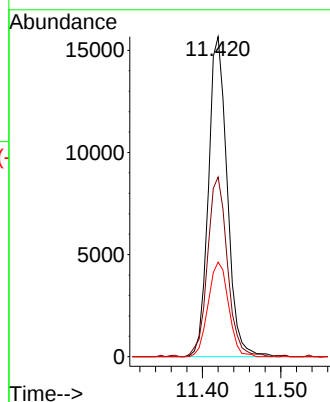
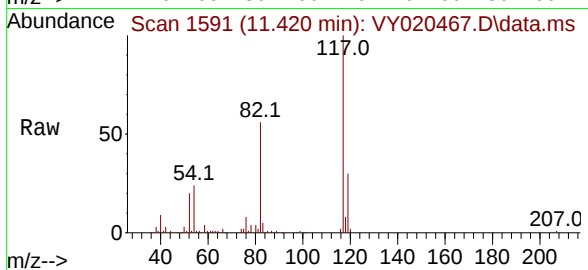
Tgt Ion:117 Resp: 26049

Ion Ratio Lower Upper

117 100

82 56.1 48.2 72.4

119 29.6 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: VY020467.D

Acq: 27 Nov 2024 17:48

Tgt Ion:152 Resp: 7112

Ion Ratio Lower Upper

152 100

115 59.7 30.0 90.0

150 160.3 0.0 348.2

