

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102924\
 Data File : VY020061.D
 Acq On : 29 Oct 2024 15:12
 Operator : SY/MD
 Sample : P4597-04
 Misc : 5.11g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RED-1-2

Quant Time: Oct 30 01:25:23 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	174360	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	371140	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	342691	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	122674	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	128260	59.742	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.480%
35) Dibromofluoromethane	7.640	113	121981	49.806	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.620%
50) Toluene-d8	10.109	98	460566	50.924	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.840%
62) 4-Bromofluorobenzene	12.401	95	141473	43.291	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	86.580%

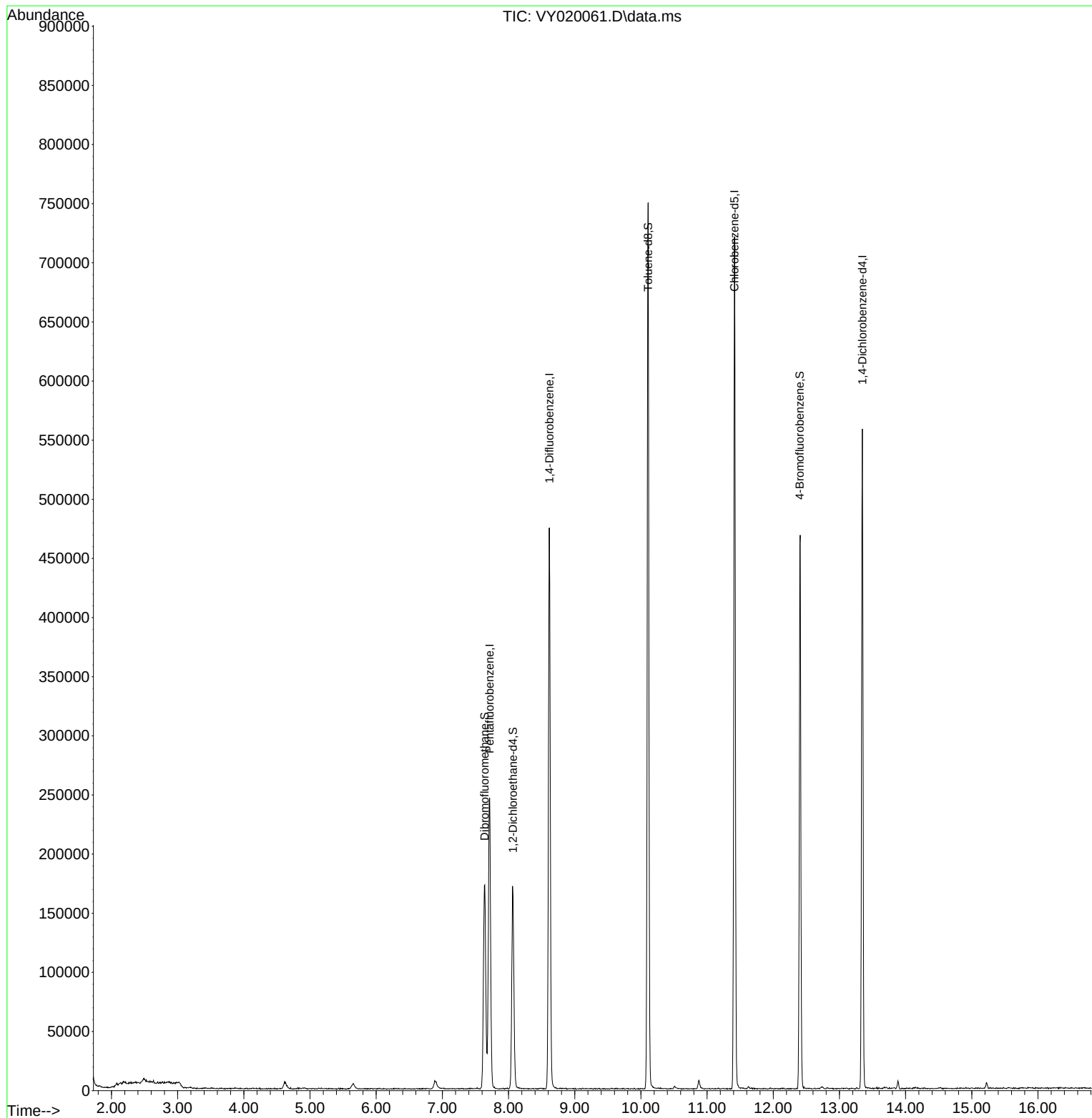
Target Compounds	Qvalue

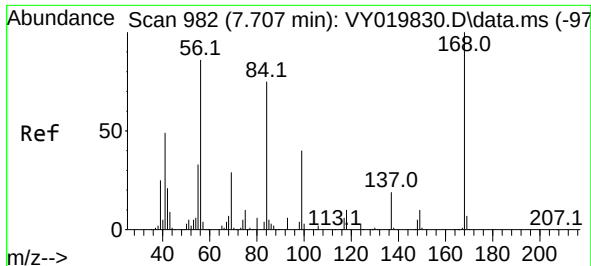
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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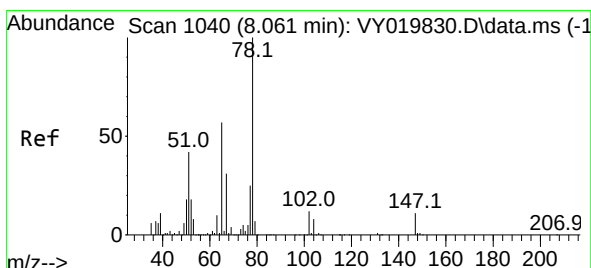
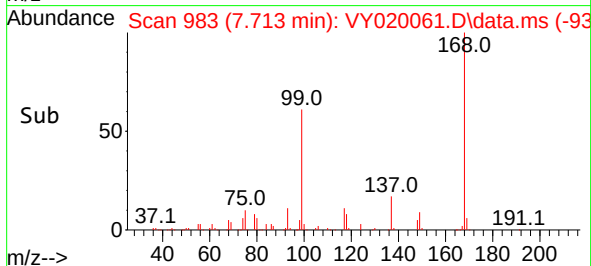
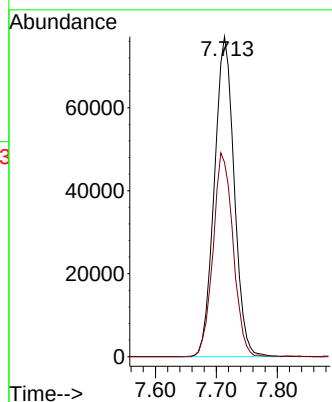
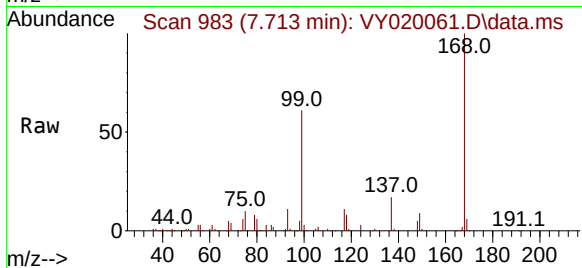




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020061.D
Acq: 29 Oct 2024 15:12

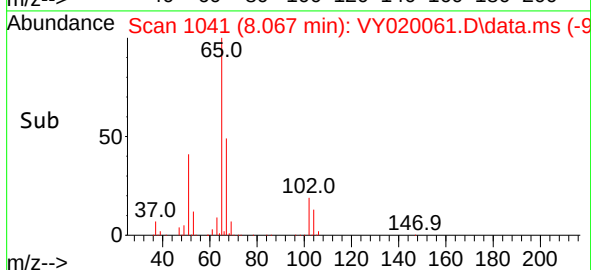
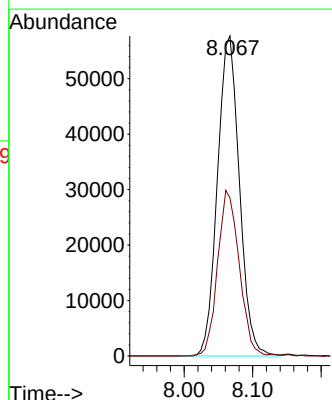
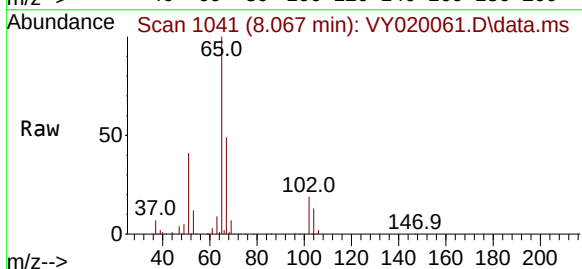
Instrument :
MSVOA_Y
ClientSampleId :
RED-1-2

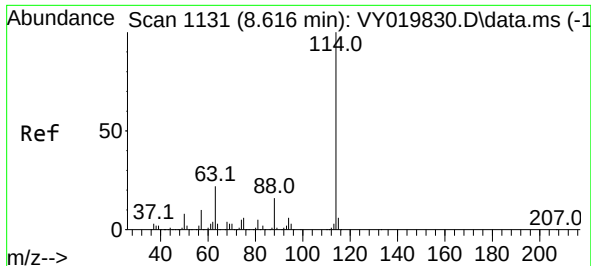
Tgt Ion:168 Resp: 174360
Ion Ratio Lower Upper
168 100
99 60.7 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 59.742 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY020061.D
Acq: 29 Oct 2024 15:12

Tgt Ion: 65 Resp: 128260
Ion Ratio Lower Upper
65 100
67 51.1 0.0 109.6

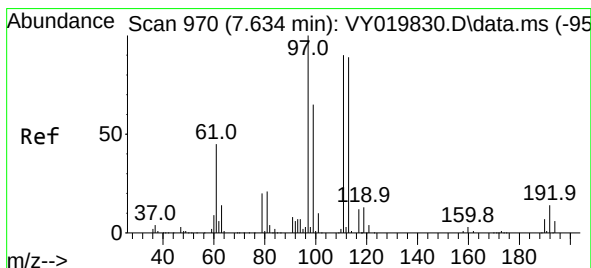
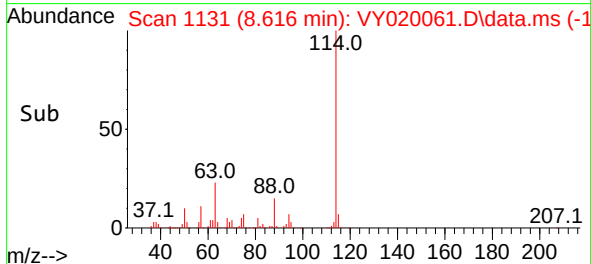
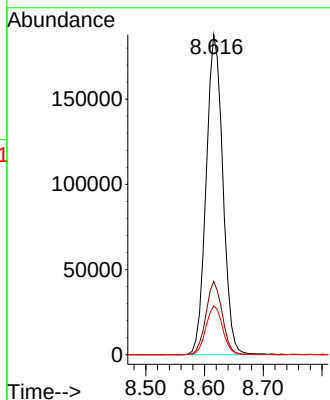
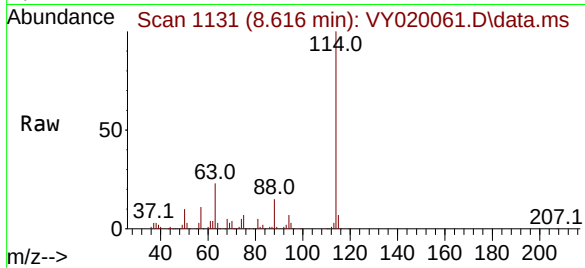




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020061.D
Acq: 29 Oct 2024 15:12

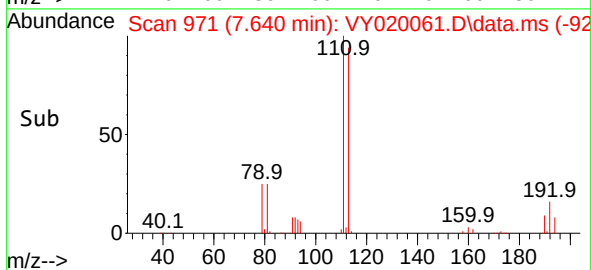
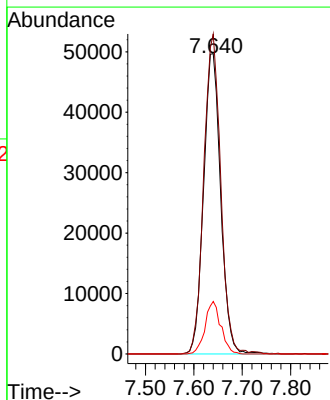
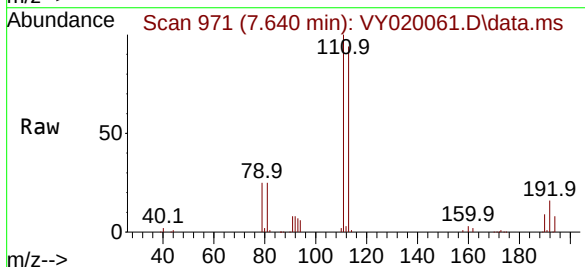
Instrument :
MSVOA_Y
ClientSampleId :
RED-1-2

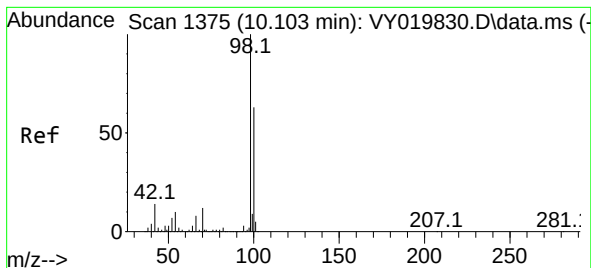
Tgt Ion:114 Resp: 371140
Ion Ratio Lower Upper
114 100
63 22.8 0.0 35.0
88 15.3 0.0 27.2



#35
Dibromofluoromethane
Concen: 49.806 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY020061.D
Acq: 29 Oct 2024 15:12

Tgt Ion:113 Resp: 121981
Ion Ratio Lower Upper
113 100
111 105.2 82.2 123.4
192 16.1 15.9 23.9





#50

Toluene-d8

Concen: 50.924 ug/l

RT: 10.109 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY020061.D

Acq: 29 Oct 2024 15:12

Instrument :

MSVOA_Y

ClientSampleId :

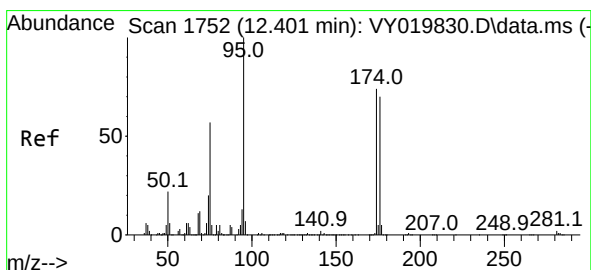
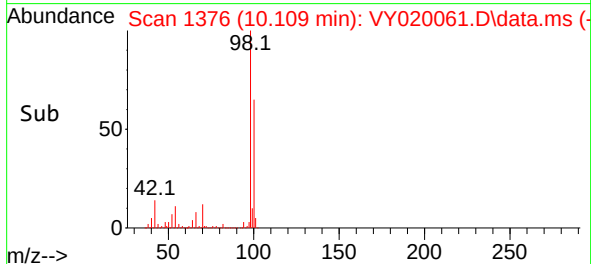
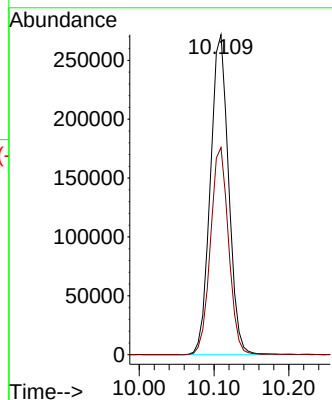
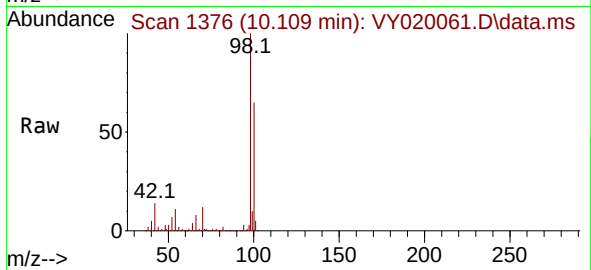
RED-1-2

Tgt Ion: 98 Resp: 460566

Ion Ratio Lower Upper

98 100

100 64.2 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 43.291 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.006 min

Lab File: VY020061.D

Acq: 29 Oct 2024 15:12

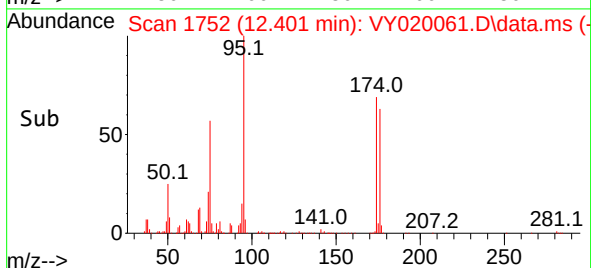
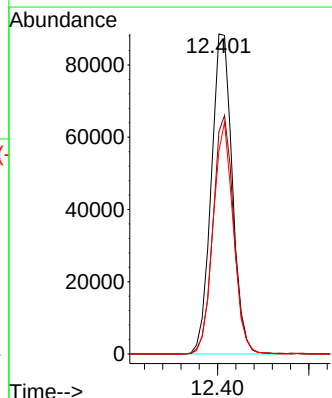
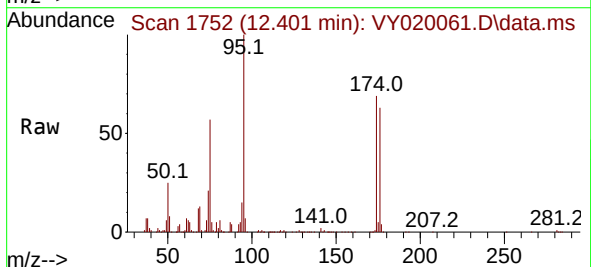
Tgt Ion: 95 Resp: 141473

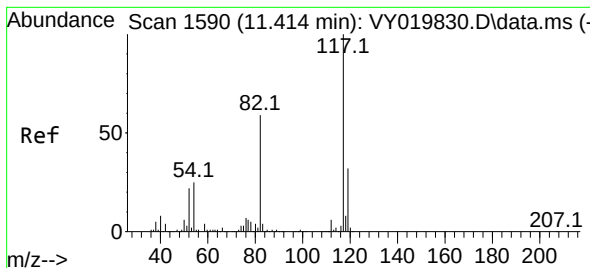
Ion Ratio Lower Upper

95 100

174 73.3 0.0 175.6

176 69.6 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020061.D

Acq: 29 Oct 2024 15:12

Instrument :

MSVOA_Y

ClientSampleId :

RED-1-2

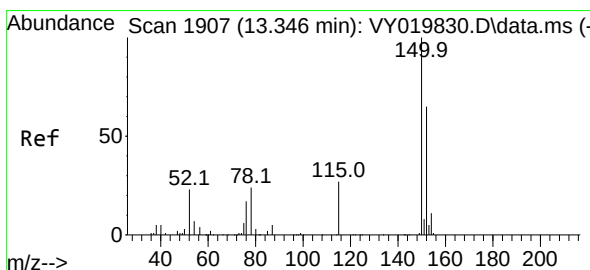
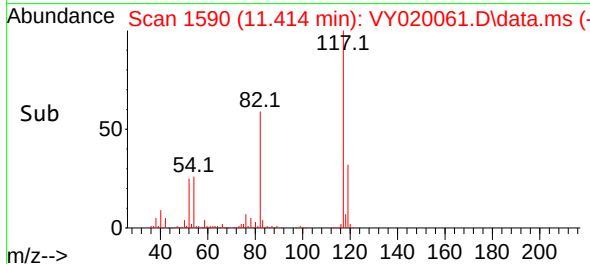
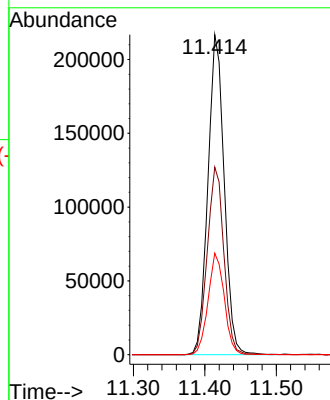
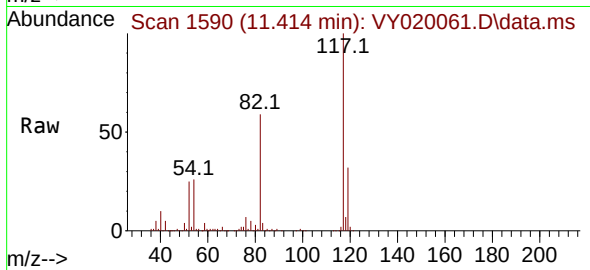
Tgt Ion:117 Resp: 342691

Ion Ratio Lower Upper

117 100

82 58.6 42.4 63.6

119 31.7 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020061.D

Acq: 29 Oct 2024 15:12

Tgt Ion:152 Resp: 122674

Ion Ratio Lower Upper

152 100

115 62.1 28.2 84.7

150 157.6 0.0 345.6

