

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112024\
 Data File : VY020365.D
 Acq On : 20 Nov 2024 17:24
 Operator : SY/MD
 Sample : P4849-01
 Misc : 5.62g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RR-1

Quant Time: Nov 21 00:50:54 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	180085	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	325095	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	294030	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	110294	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	102609	49.594	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.180%
35) Dibromofluoromethane	7.640	113	97821	46.926	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.860%
50) Toluene-d8	10.109	98	378021	46.034	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.060%
62) 4-Bromofluorobenzene	12.408	95	124509	47.166	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	94.340%

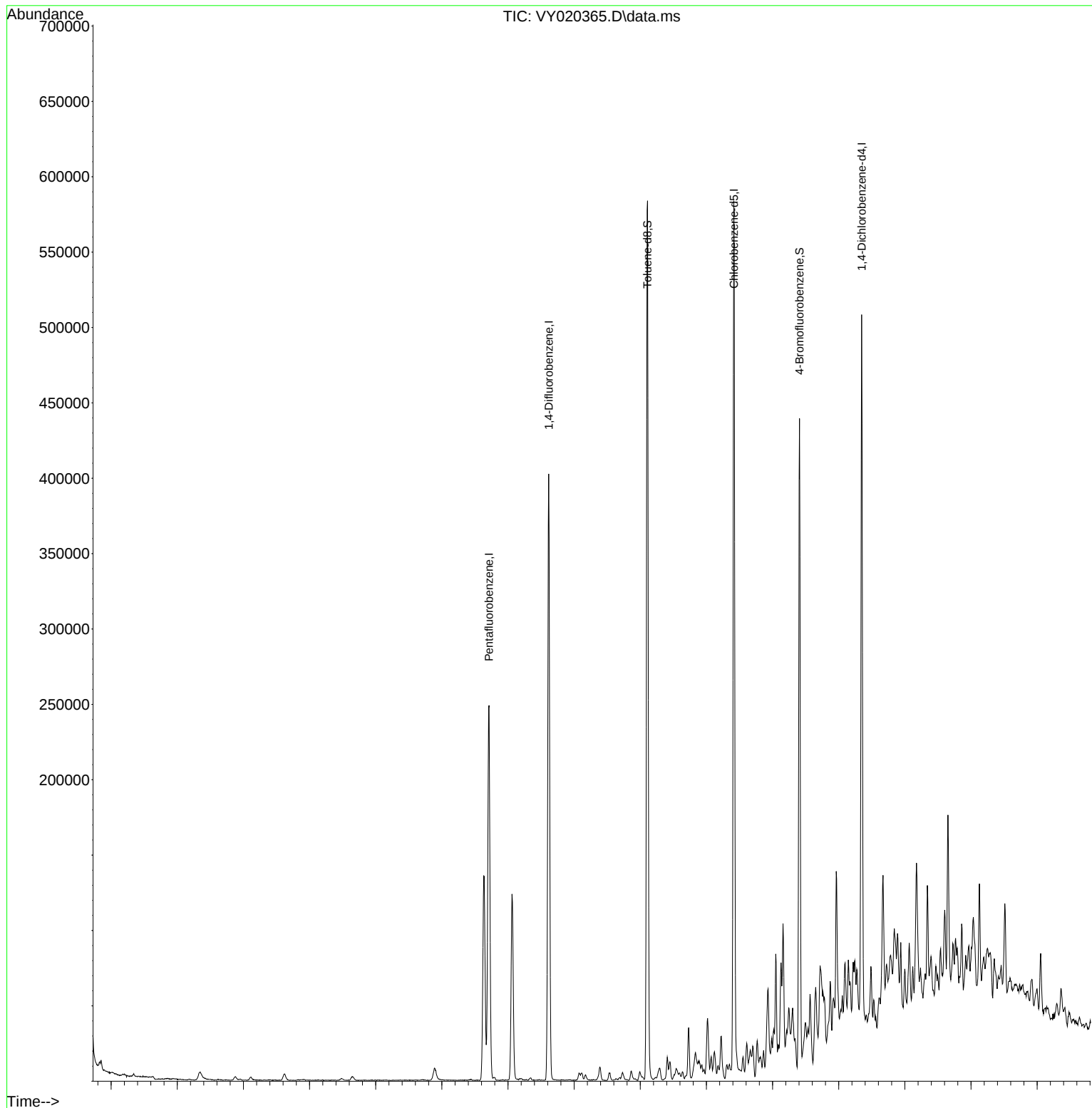
Target Compounds Qvalue

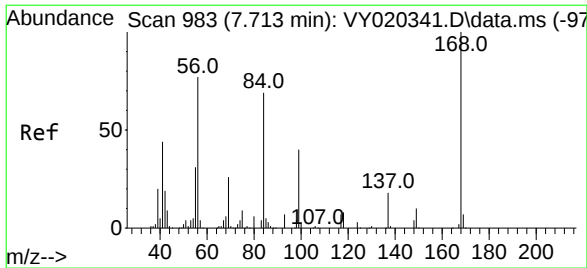
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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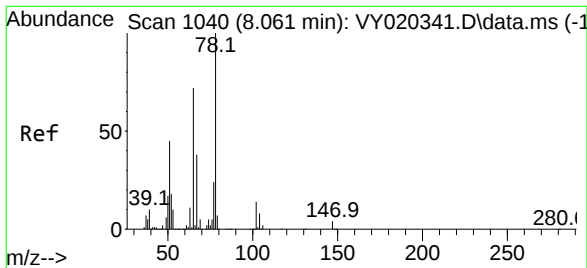
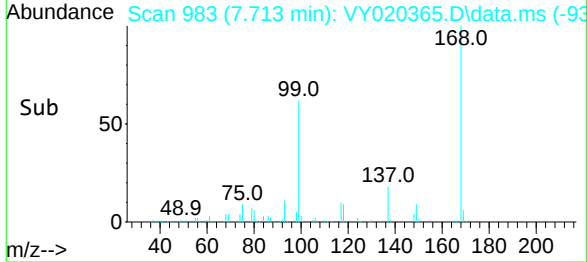
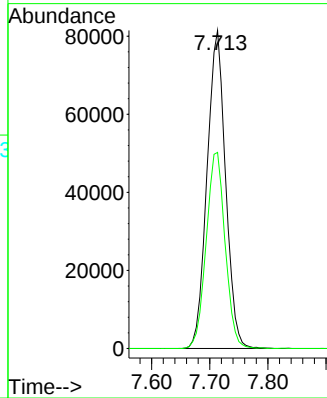
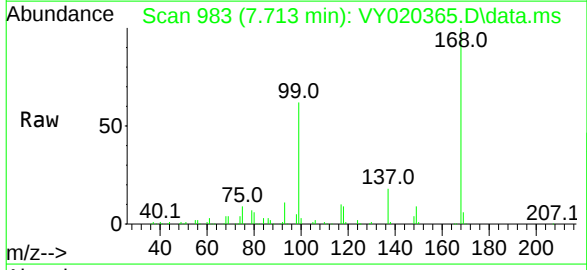




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY020365.D
Acq: 20 Nov 2024 17:24

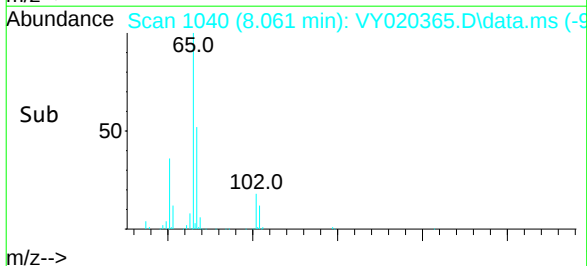
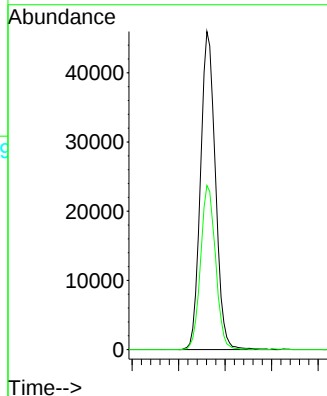
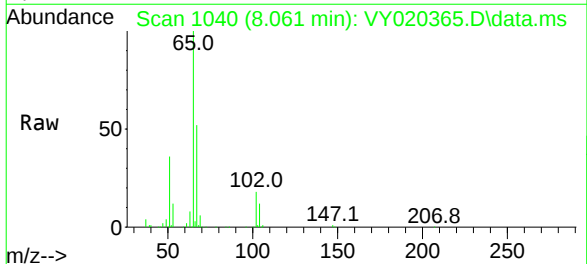
Instrument :
MSVOA_Y
ClientSampleId :
RR-1

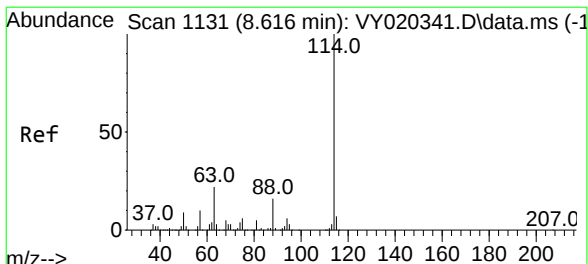
Tgt Ion:168 Resp: 180085
Ion Ratio Lower Upper
168 100
99 61.7 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 49.594 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY020365.D
Acq: 20 Nov 2024 17:24

Tgt Ion: 65 Resp: 102609
Ion Ratio Lower Upper
65 100
67 51.6 0.0 105.8

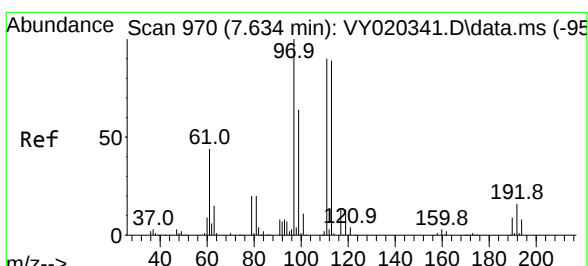
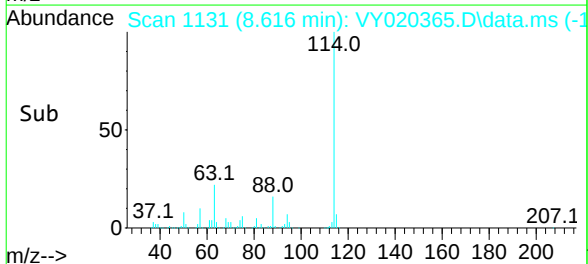
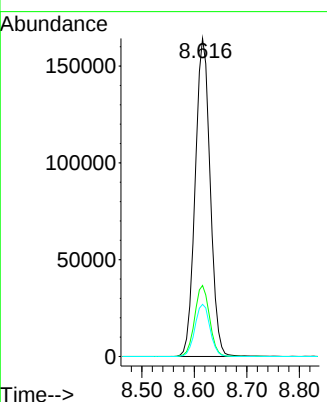
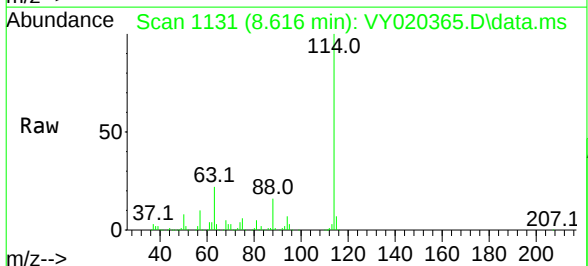




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. -0.000 min
 Lab File: VY020365.D
 Acq: 20 Nov 2024 17:24

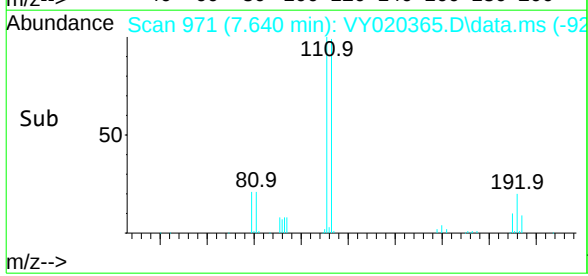
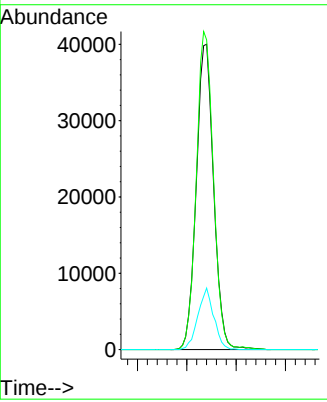
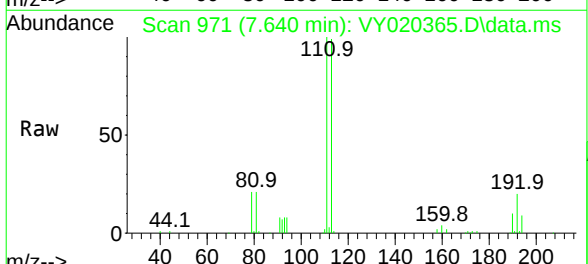
Instrument :
 MSVOA_Y
 ClientSampleId :
 RR-1

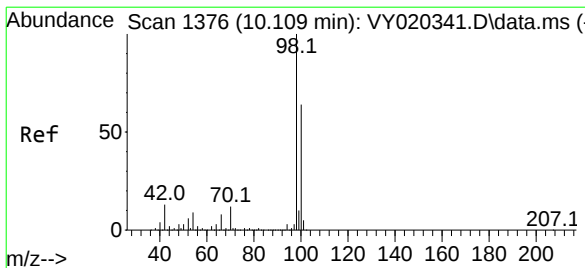
Tgt Ion:	114	Resp:	325095
Ion Ratio	Lower	Upper	
114	100		
63	22.3	0.0	44.8
88	16.4	0.0	32.0



#35
 Dibromofluoromethane
 Concen: 46.926 ug/l
 RT: 7.640 min Scan# 971
 Delta R.T. 0.006 min
 Lab File: VY020365.D
 Acq: 20 Nov 2024 17:24

Tgt Ion:	113	Resp:	97821
Ion Ratio	Lower	Upper	
113	100		
111	102.9	81.4	122.0
192	18.5	15.1	22.7





#50

Toluene-d8

Concen: 46.034 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY020365.D

Acq: 20 Nov 2024 17:24

Instrument :

MSVOA_Y

ClientSampleId :

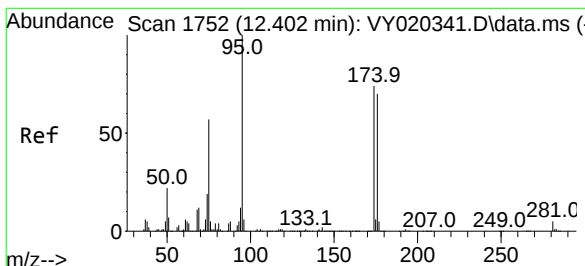
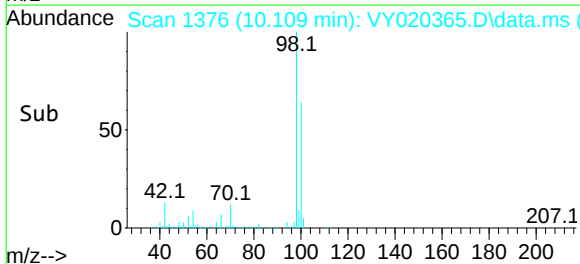
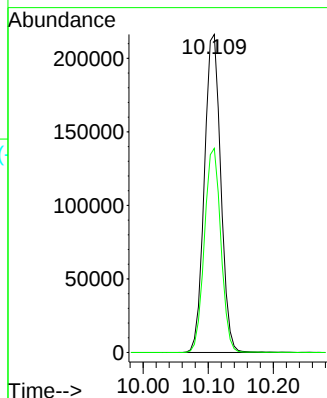
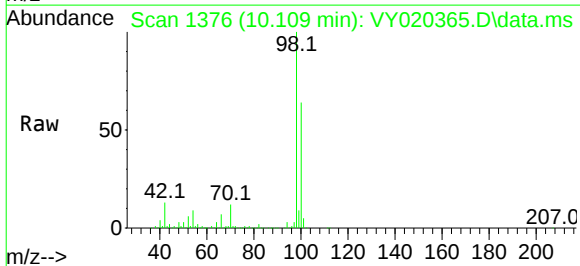
RR-1

Tgt Ion: 98 Resp: 378021

Ion Ratio Lower Upper

98 100

100 64.5 51.3 76.9



#62

4-Bromofluorobenzene

Concen: 47.166 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY020365.D

Acq: 20 Nov 2024 17:24

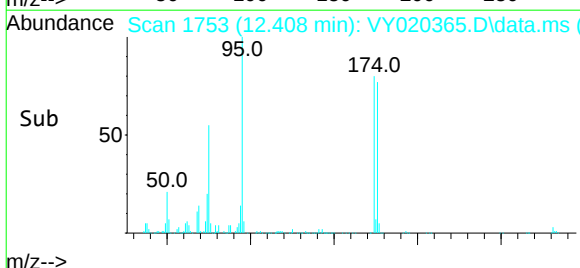
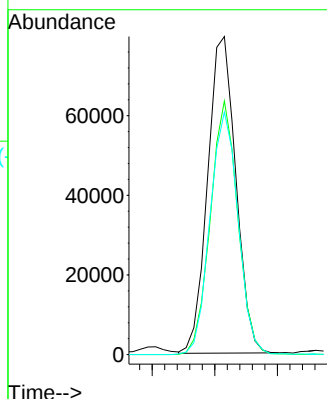
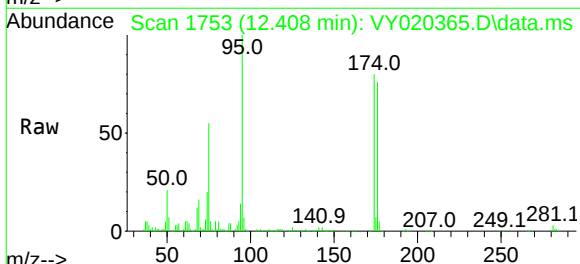
Tgt Ion: 95 Resp: 124509

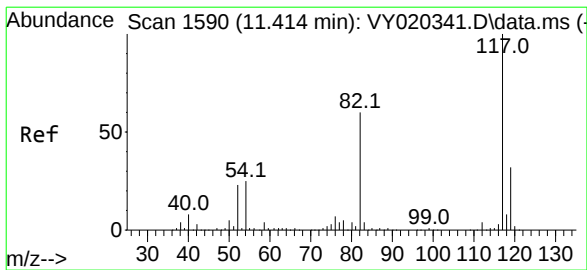
Ion Ratio Lower Upper

95 100

174 77.6 0.0 156.8

176 76.4 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. -0.000 min

Lab File: VY020365.D

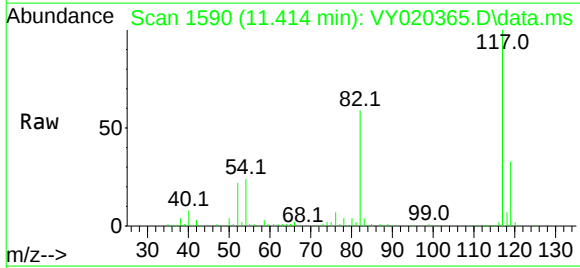
Acq: 20 Nov 2024 17:24

Instrument :

MSVOA_Y

ClientSampleId :

RR-1



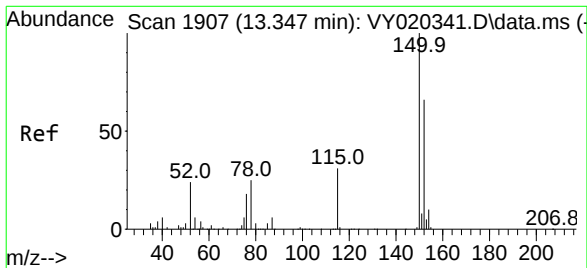
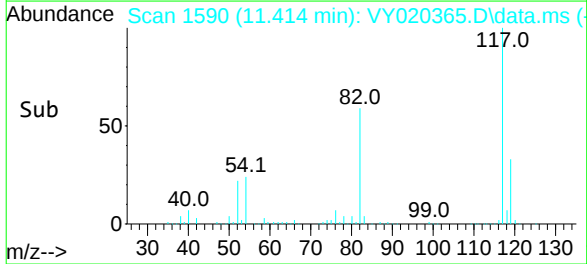
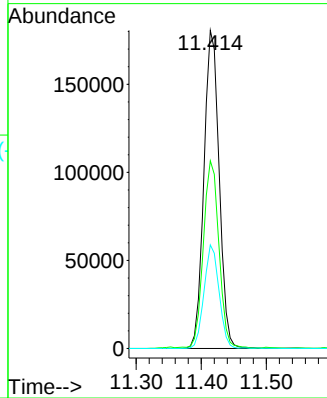
Tgt Ion:117 Resp: 294030

Ion Ratio Lower Upper

117 100

82 58.8 48.2 72.4

119 32.6 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY020365.D

Acq: 20 Nov 2024 17:24

Tgt Ion:152 Resp: 110294

Ion Ratio Lower Upper

152 100

115 61.8 30.0 90.0

150 156.7 0.0 348.2

