

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112024\
 Data File : VY020348.D
 Acq On : 20 Nov 2024 10:07
 Operator : SY/MD
 Sample : VY1120SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1120SBL01

Quant Time: Nov 21 00:42:36 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	160712	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	312610	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	282610	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	104132	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	98287	53.232	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.460%
35) Dibromofluoromethane	7.634	113	96868	48.324	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.640%
50) Toluene-d8	10.109	98	379920	48.113	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.220%
62) 4-Bromofluorobenzene	12.408	95	122604	48.299	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	96.600%

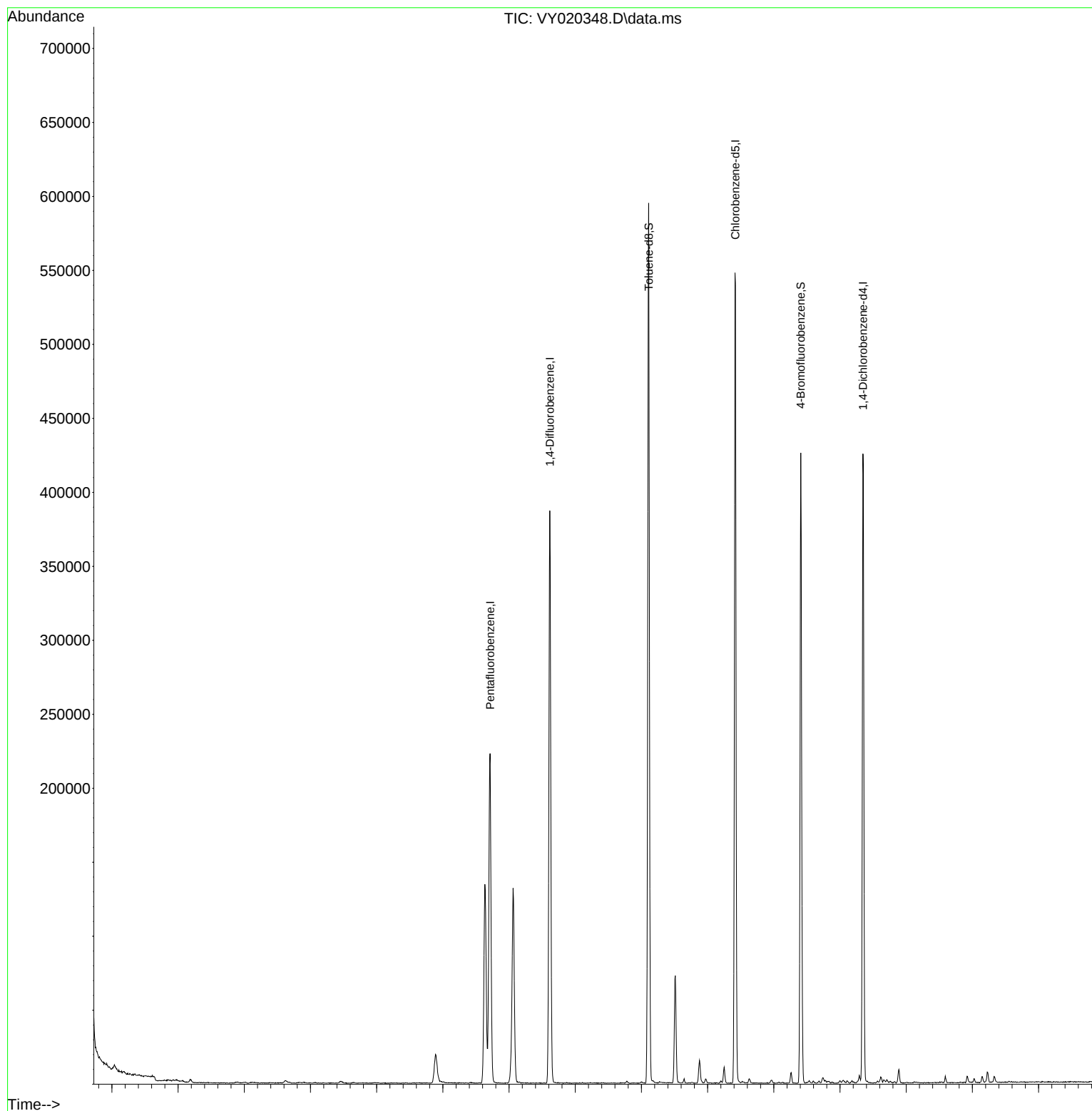
Target Compounds	Qvalue

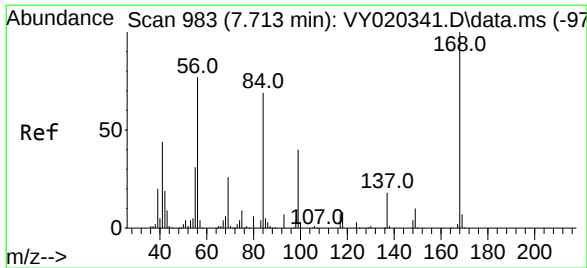
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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VY1120SBL01

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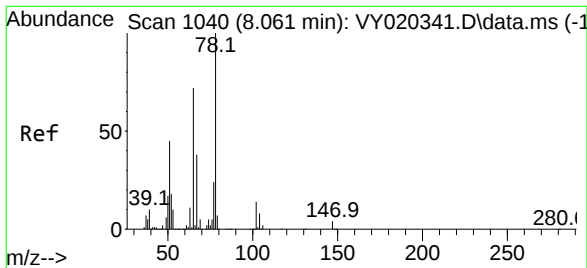
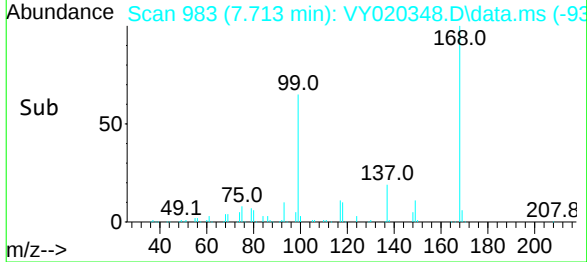
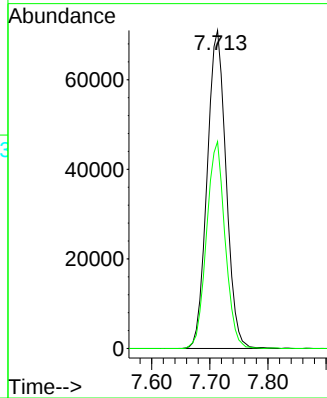
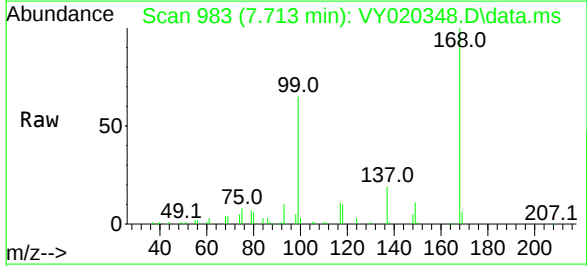




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY020348.D
Acq: 20 Nov 2024 10:07

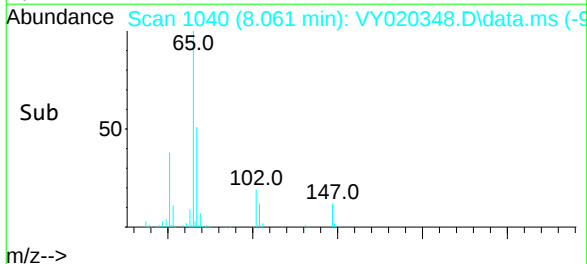
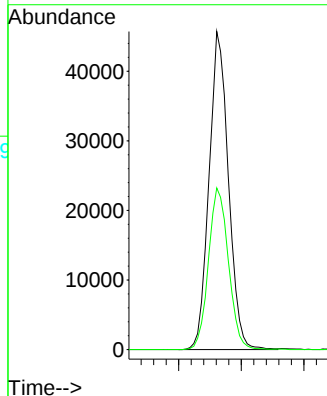
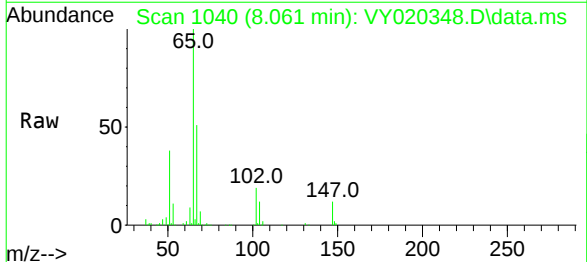
Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBL01

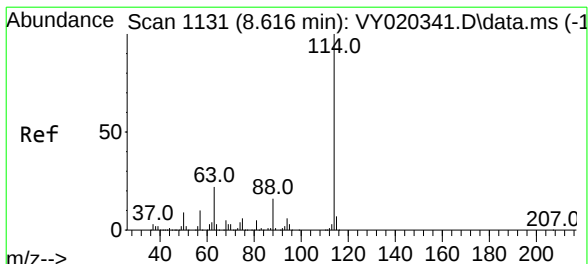
Tgt Ion:168 Resp: 160712
Ion Ratio Lower Upper
168 100
99 65.0 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 53.232 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY020348.D
Acq: 20 Nov 2024 10:07

Tgt Ion: 65 Resp: 98287
Ion Ratio Lower Upper
65 100
67 52.4 0.0 105.8

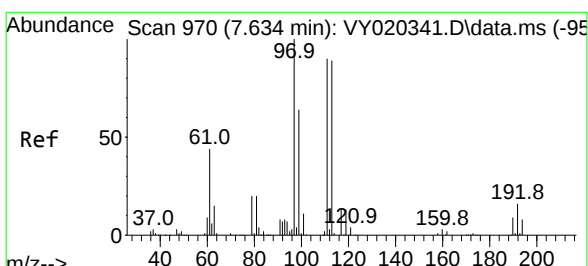
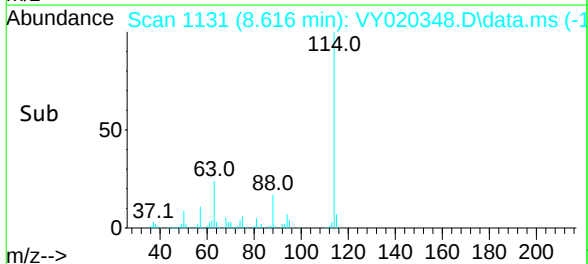
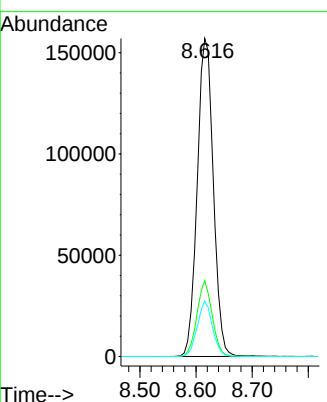
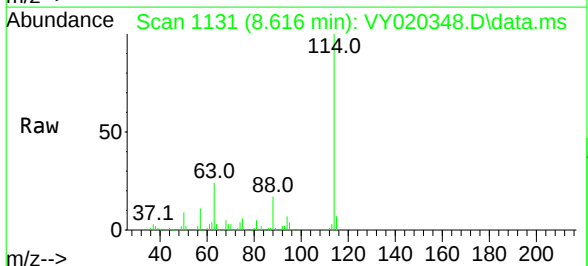




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VY020348.D
 Acq: 20 Nov 2024 10:07

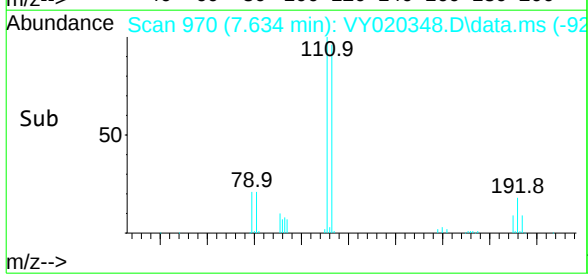
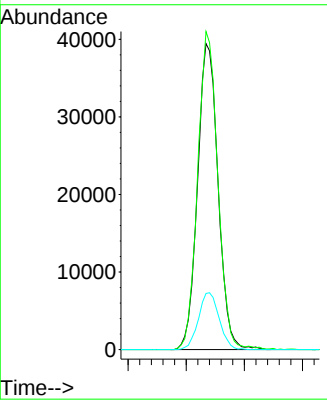
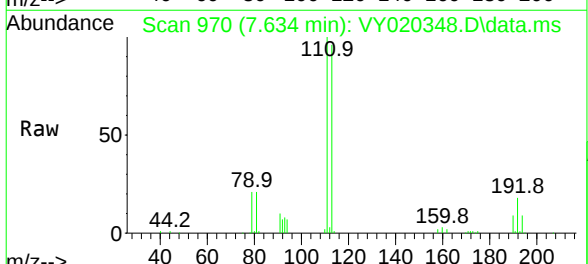
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1120SBL01

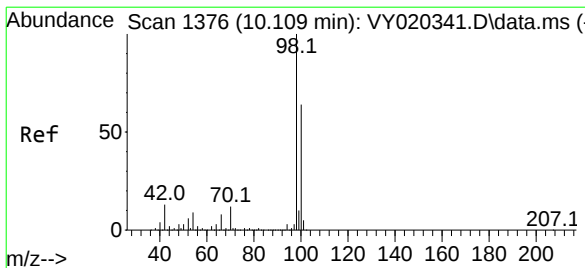
Tgt Ion:	114	Resp:	312610
Ion Ratio	Lower	Upper	
114	100		
63	23.8	0.0	44.8
88	17.4	0.0	32.0



#35
 Dibromofluoromethane
 Concen: 48.324 ug/l
 RT: 7.634 min Scan# 970
 Delta R.T. -0.000 min
 Lab File: VY020348.D
 Acq: 20 Nov 2024 10:07

Tgt Ion:	113	Resp:	96868
Ion Ratio	Lower	Upper	
113	100		
111	102.1	81.4	122.0
192	18.7	15.1	22.7





#50

Toluene-d8

Concen: 48.113 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY020348.D

Acq: 20 Nov 2024 10:07

Instrument :

MSVOA_Y

ClientSampleId :

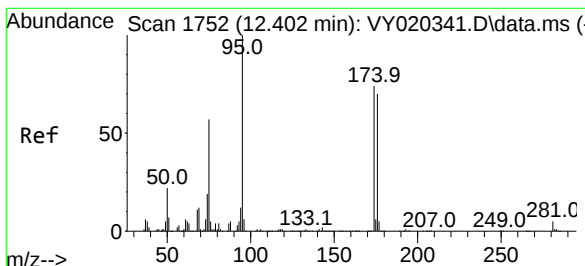
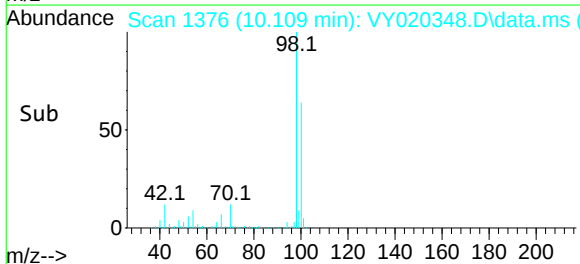
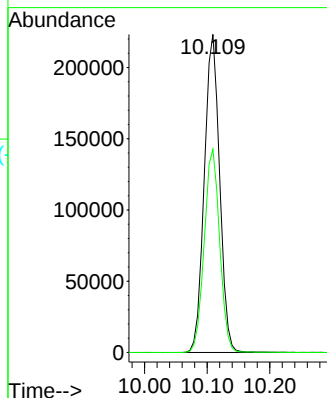
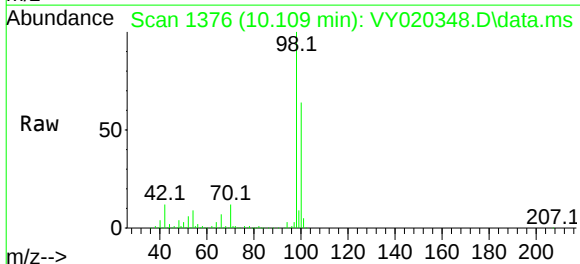
VY1120SBL01

Tgt Ion: 98 Resp: 379920

Ion Ratio Lower Upper

98 100

100 64.4 51.3 76.9



#62

4-Bromofluorobenzene

Concen: 48.299 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY020348.D

Acq: 20 Nov 2024 10:07

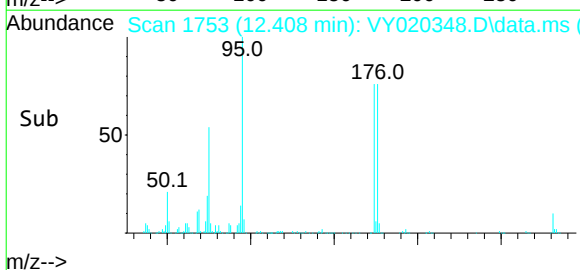
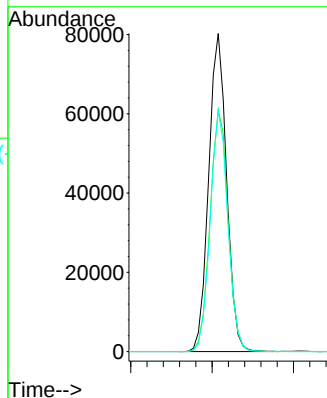
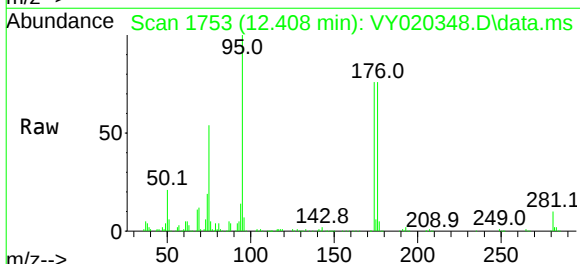
Tgt Ion: 95 Resp: 122604

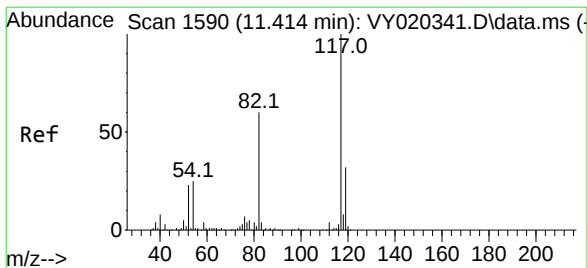
Ion Ratio Lower Upper

95 100

174 76.7 0.0 156.8

176 74.4 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 15

Delta R.T. 0.006 min

Lab File: VY020348.D

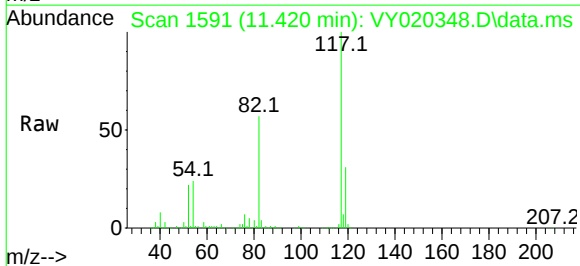
Acq: 20 Nov 2024 10:07

Instrument :

MSVOA_Y

ClientSampleId :

VY1120SBL01



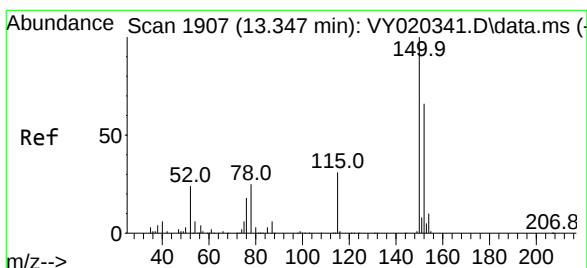
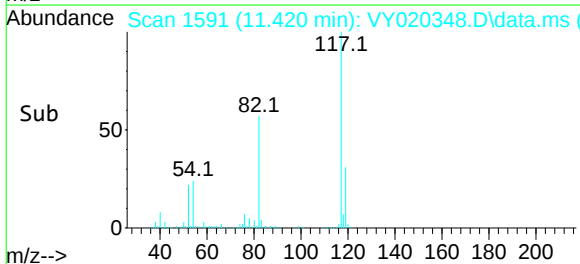
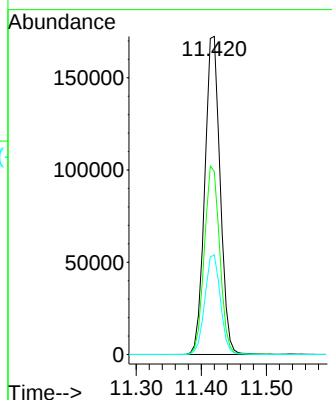
Tgt Ion:117 Resp: 282610

Ion Ratio Lower Upper

117 100

82 57.5 48.2 72.4

119 31.3 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: VY020348.D

Acq: 20 Nov 2024 10:07

Tgt Ion:152 Resp: 104132

Ion Ratio Lower Upper

152 100

115 61.2 30.0 90.0

150 159.5 0.0 348.2

