

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112024\
 Data File : VY020368.D
 Acq On : 20 Nov 2024 18:35
 Operator : SY/MD
 Sample : P4860-03
 Misc : 6.20g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PH2-BOT-002

Quant Time: Nov 21 04:41:26 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	137679	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	269671	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	257307	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	102362	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	92673	58.588	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.180%
35) Dibromofluoromethane	7.634	113	86578	50.068	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.140%
50) Toluene-d8	10.109	98	333450	48.952	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.900%
62) 4-Bromofluorobenzene	12.408	95	113373	51.775	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	103.540%

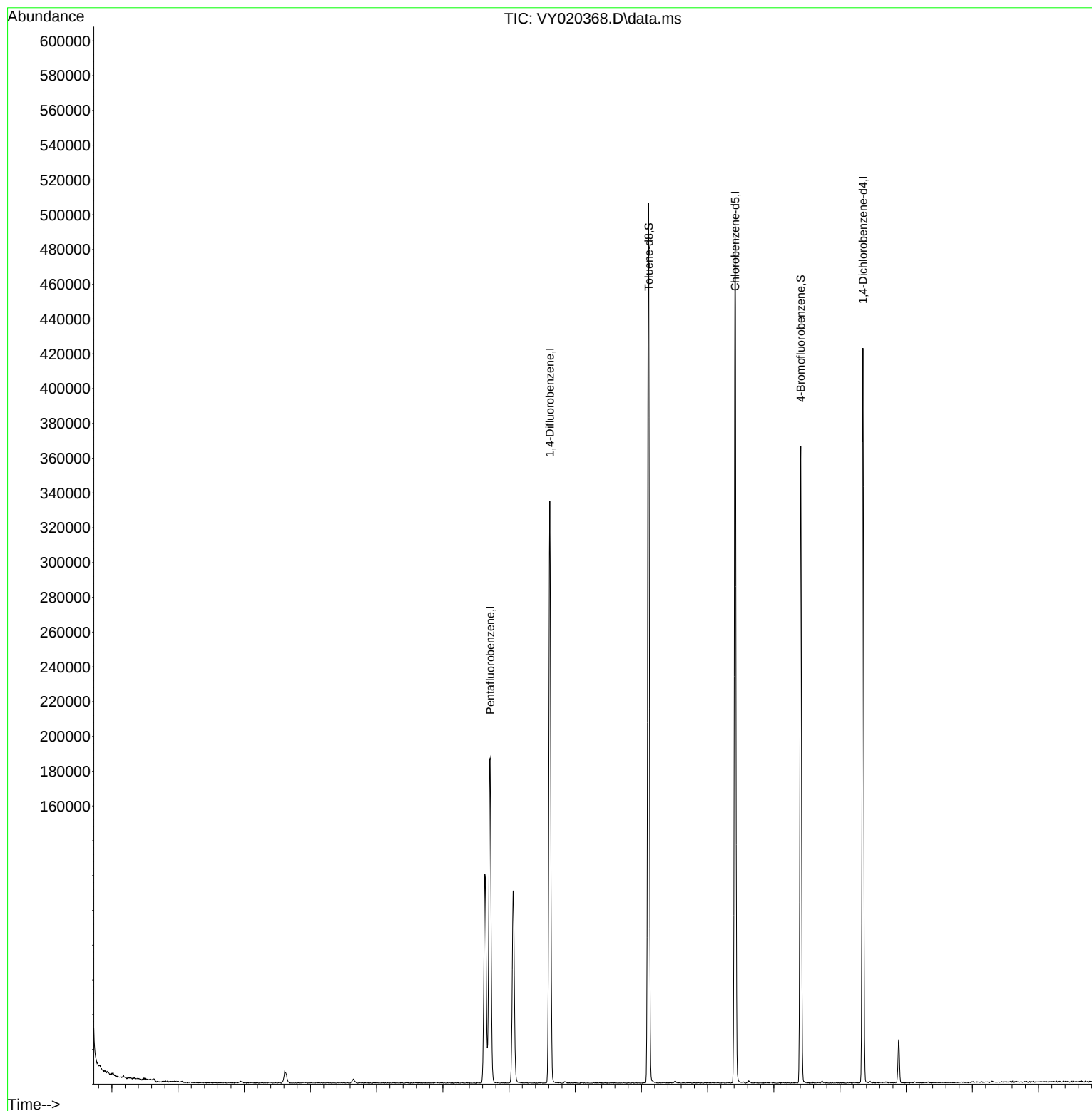
Target Compounds	Qvalue

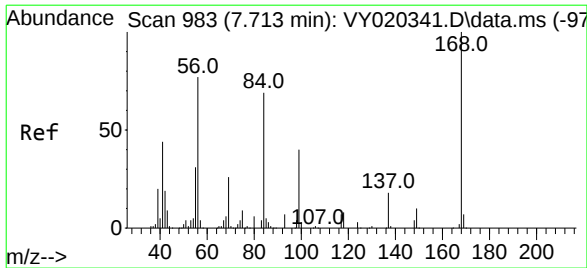
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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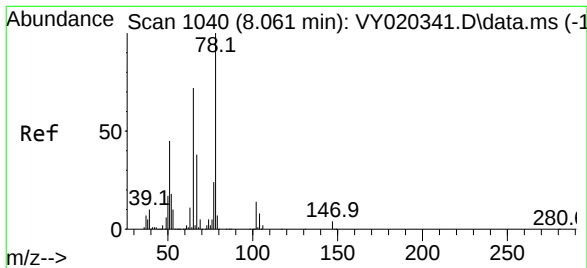
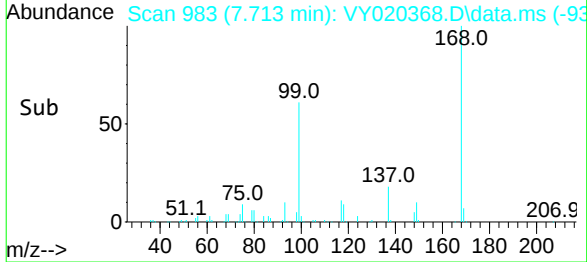
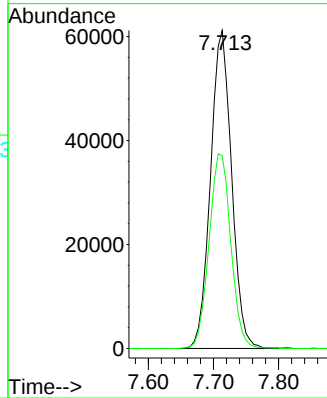
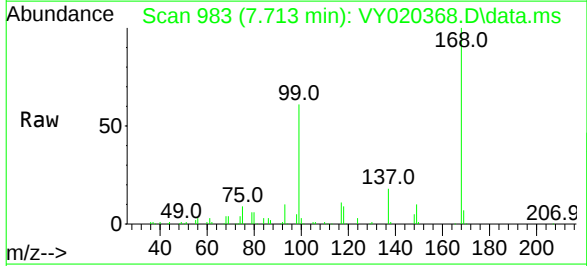




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY020368.D
Acq: 20 Nov 2024 18:35

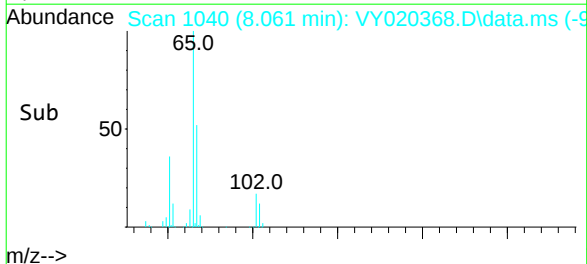
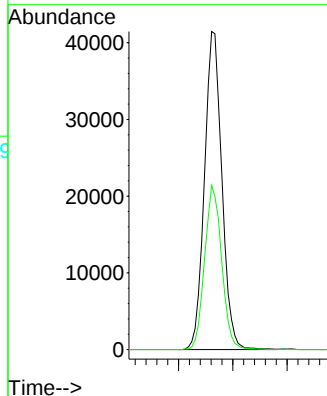
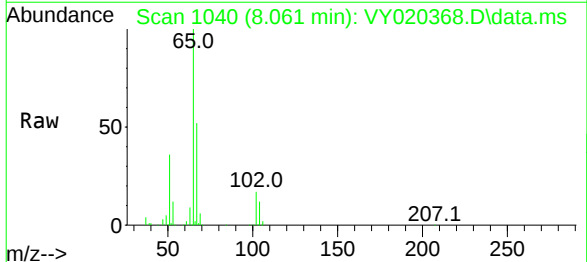
Instrument :
MSVOA_Y
ClientSampleId :
PH2-BOT-002

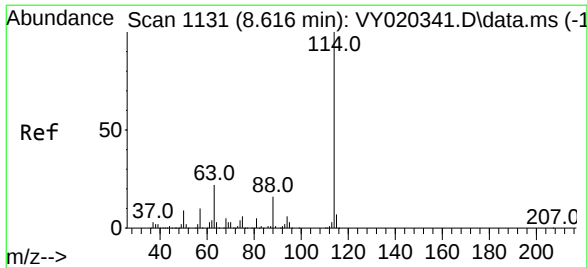
Tgt Ion:168 Resp: 137679
Ion Ratio Lower Upper
168 100
99 60.6 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 58.588 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY020368.D
Acq: 20 Nov 2024 18:35

Tgt Ion: 65 Resp: 92673
Ion Ratio Lower Upper
65 100
67 50.4 0.0 105.8

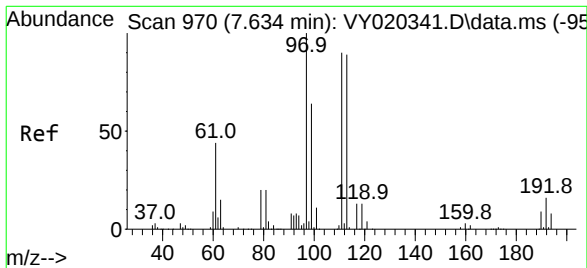
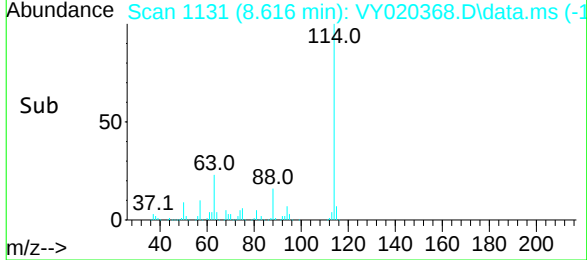
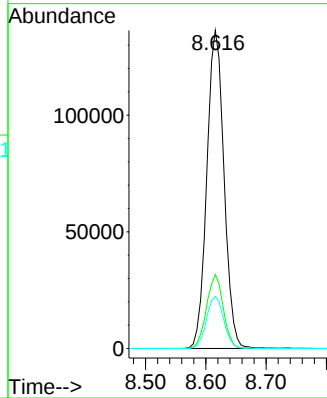
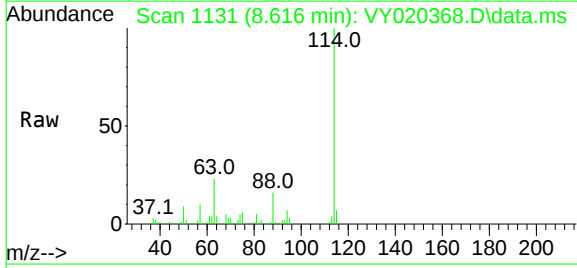




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY020368.D
Acq: 20 Nov 2024 18:35

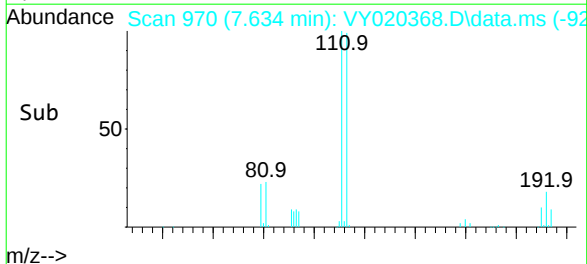
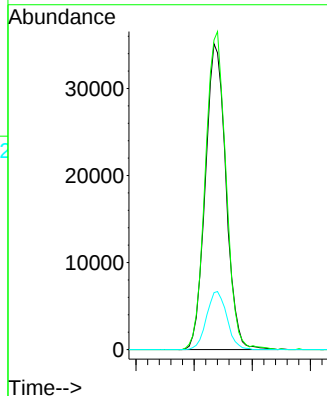
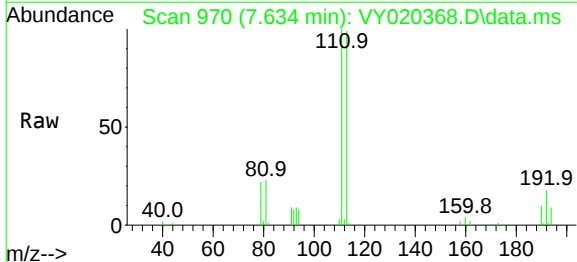
Instrument :
MSVOA_Y
ClientSampleId :
PH2-BOT-002

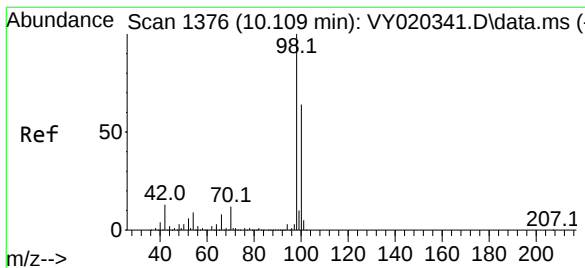
Tgt Ion:	114	Resp:	269671
Ion	Ratio	Lower	Upper
114	100		
63	23.2	0.0	44.8
88	16.4	0.0	32.0



#35
Dibromofluoromethane
Concen: 50.068 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY020368.D
Acq: 20 Nov 2024 18:35

Tgt Ion:	113	Resp:	86578
Ion	Ratio	Lower	Upper
113	100		
111	104.1	81.4	122.0
192	18.7	15.1	22.7





#50

Toluene-d8

Concen: 48.952 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY020368.D

Acq: 20 Nov 2024 18:35

Instrument :

MSVOA_Y

ClientSampleId :

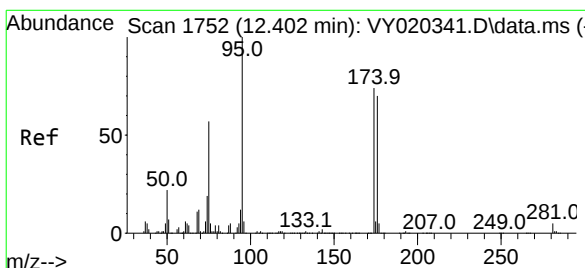
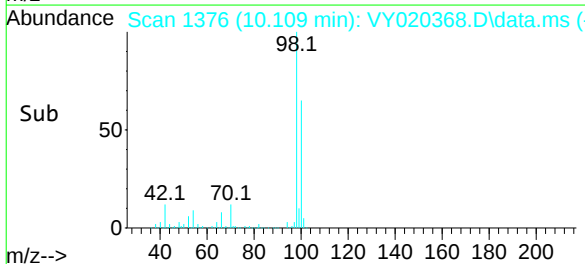
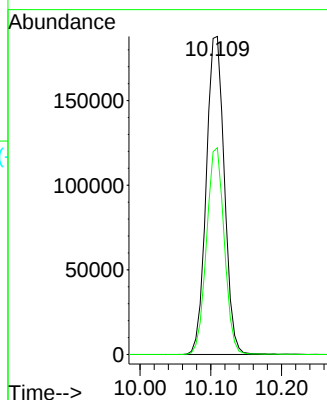
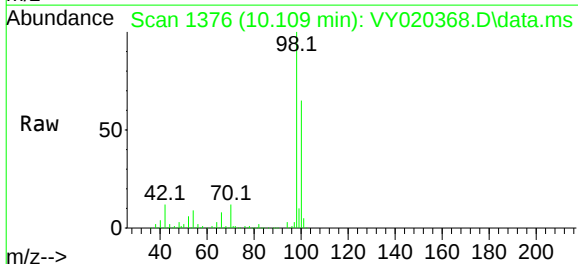
PH2-BOT-002

Tgt Ion: 98 Resp: 333450

Ion Ratio Lower Upper

98 100

100 63.9 51.3 76.9



#62

4-Bromofluorobenzene

Concen: 51.775 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY020368.D

Acq: 20 Nov 2024 18:35

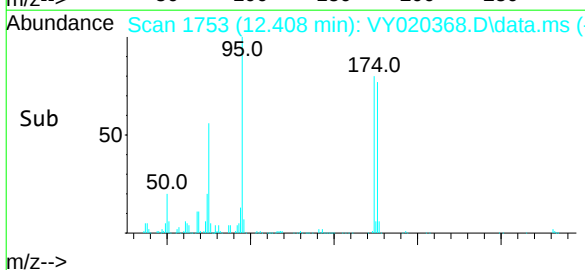
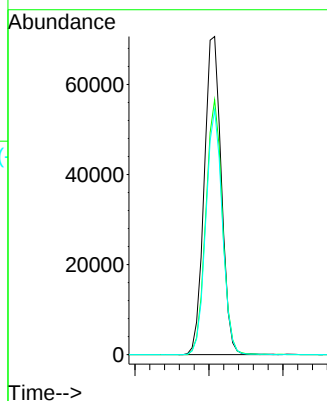
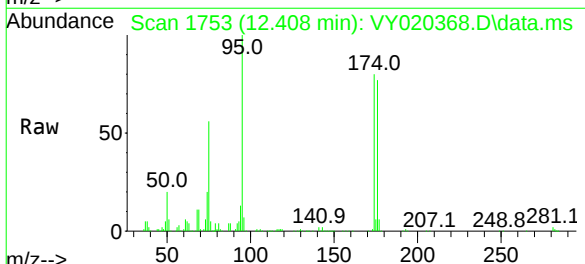
Tgt Ion: 95 Resp: 113373

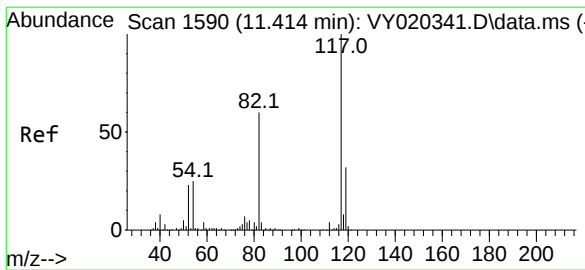
Ion Ratio Lower Upper

95 100

174 77.4 0.0 156.8

176 73.9 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: VY020368.D

Acq: 20 Nov 2024 18:35

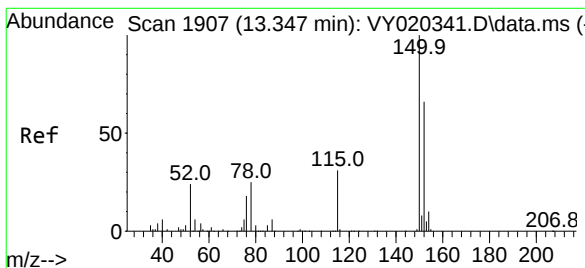
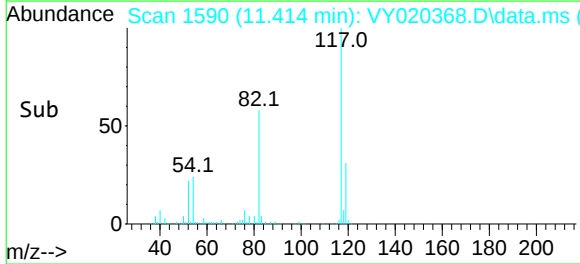
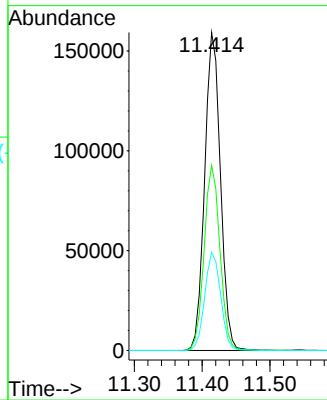
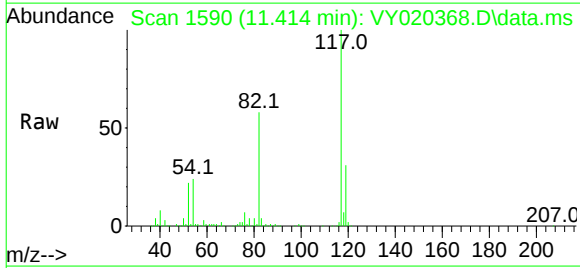
Instrument :

MSVOA_Y

ClientSampleId :

PH2-BOT-002

Tgt Ion:	117	Resp:	257307
Ion	Ratio	Lower	Upper
117	100		
82	58.2	48.2	72.4
119	30.8	25.8	38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY020368.D

Acq: 20 Nov 2024 18:35

Tgt Ion:	152	Resp:	102362
Ion	Ratio	Lower	Upper
152	100		
115	62.3	30.0	90.0
150	157.7	0.0	348.2

