

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112224\
 Data File : VY020415.D
 Acq On : 22 Nov 2024 16:00
 Operator : SY/MD
 Sample : P4960-02
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B2

Quant Time: Nov 23 00:02:42 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	140502	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	267874	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	251857	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	99018	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	87330	54.101	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.200%
35) Dibromofluoromethane	7.640	113	85389	49.712	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.420%
50) Toluene-d8	10.109	98	325243	48.068	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.140%
62) 4-Bromofluorobenzene	12.408	95	109002	50.112	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	100.220%

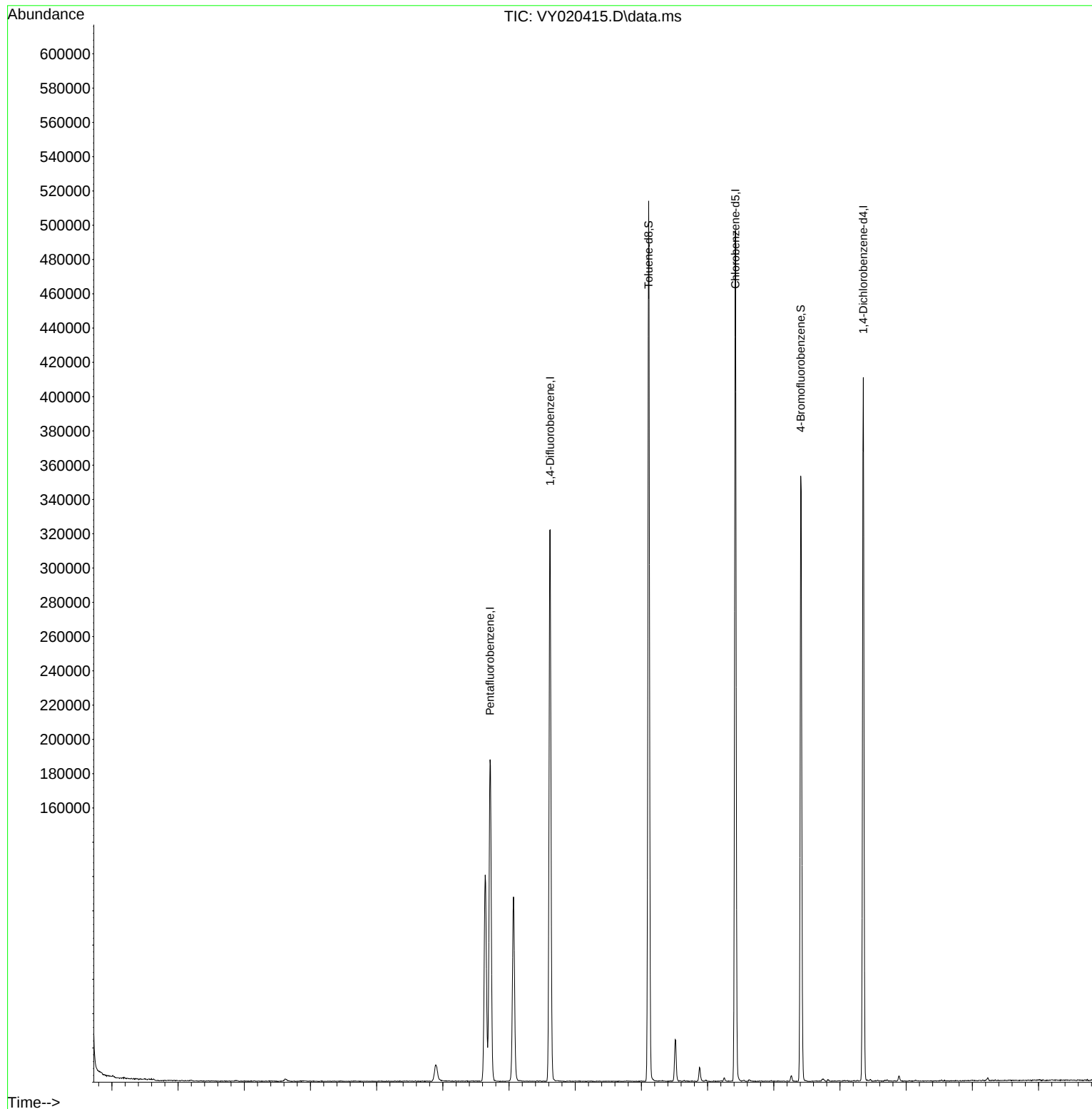
Target Compounds Qvalue

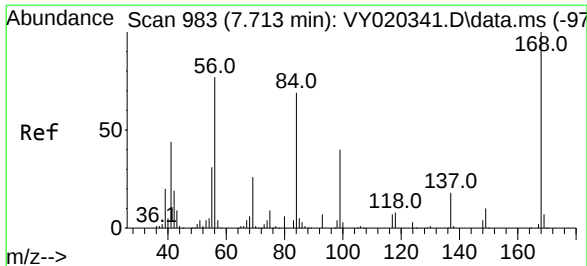
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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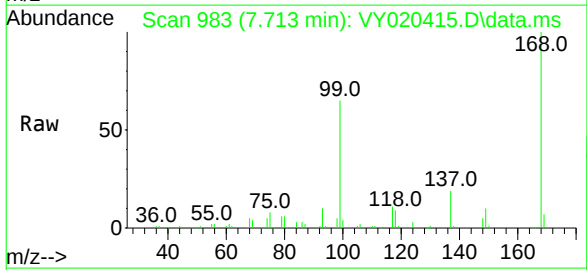
Quant Time: Nov 23 00:02:42 2024
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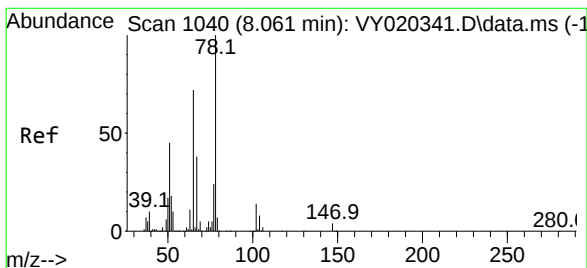
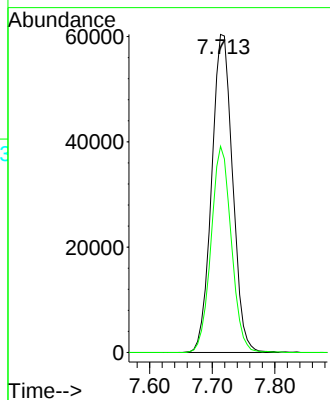
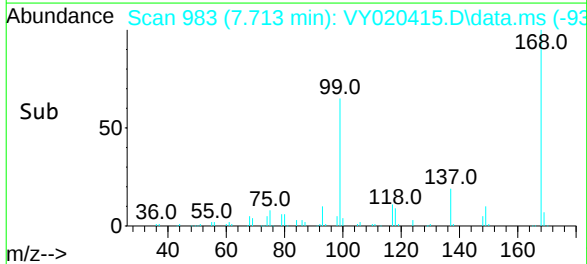


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY020415.D
Acq: 22 Nov 2024 16:00

Instrument :
MSVOA_Y
ClientSampleId :
B2

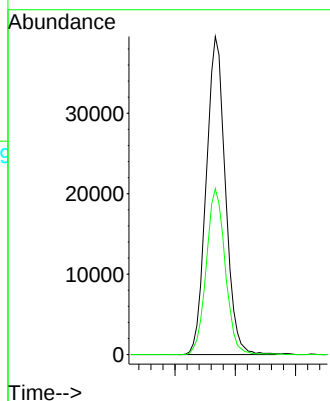
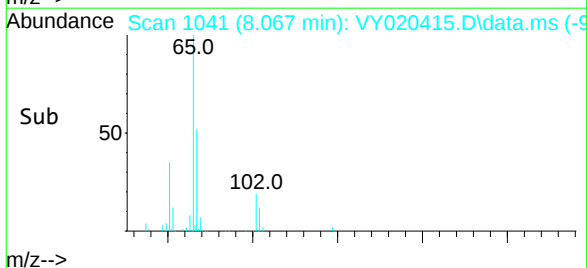
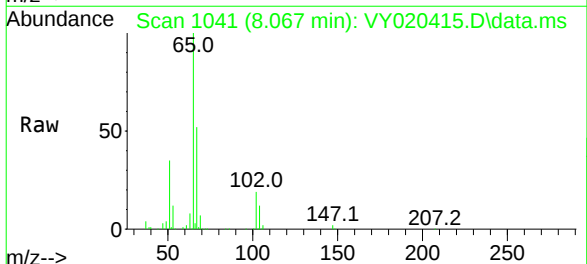


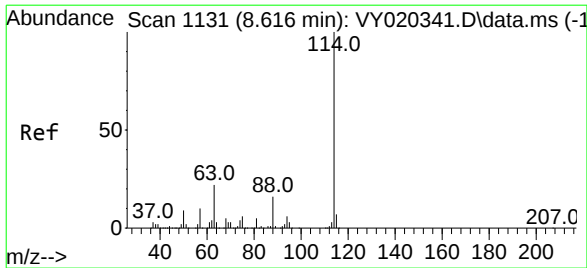
Tgt Ion:168 Resp: 140502
Ion Ratio Lower Upper
168 100
99 64.8 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 54.101 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY020415.D
Acq: 22 Nov 2024 16:00

Tgt Ion: 65 Resp: 87330
Ion Ratio Lower Upper
65 100
67 51.5 0.0 105.8

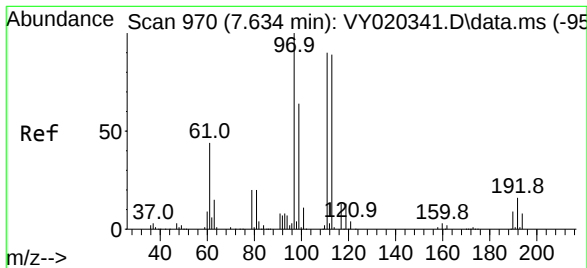
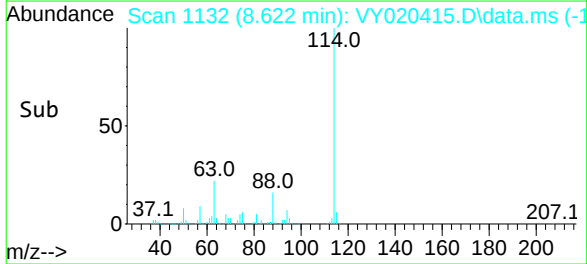
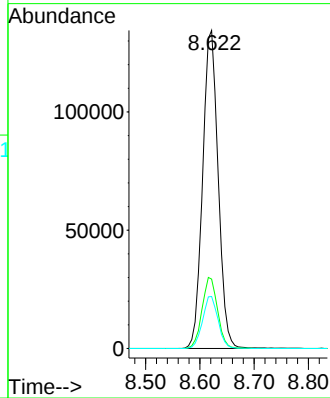
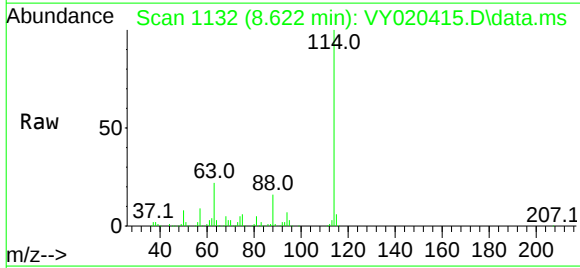




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY020415.D
Acq: 22 Nov 2024 16:00

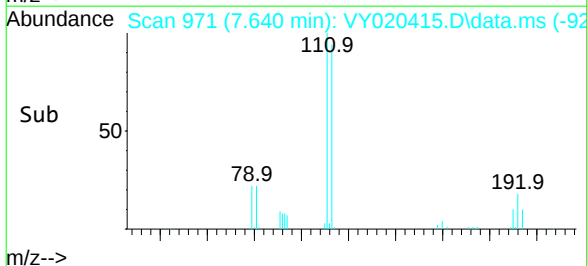
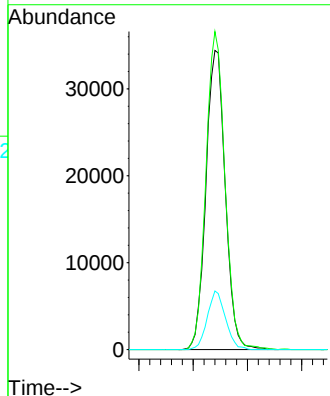
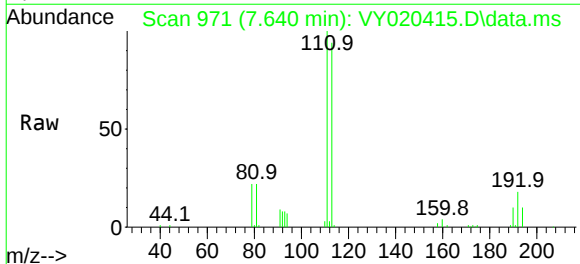
Instrument :
MSVOA_Y
ClientSampleId :
B2

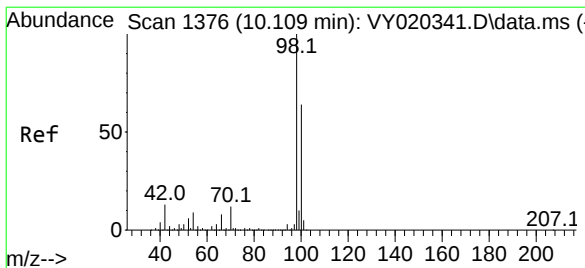
Tgt Ion:	114	Resp:	267874
Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	44.8
88	16.3	0.0	32.0



#35
Dibromofluoromethane
Concen: 49.712 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY020415.D
Acq: 22 Nov 2024 16:00

Tgt Ion:	113	Resp:	85389
Ion	Ratio	Lower	Upper
113	100		
111	104.5	81.4	122.0
192	18.4	15.1	22.7





#50

Toluene-d8

Concen: 48.068 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY020415.D

Acq: 22 Nov 2024 16:00

Instrument :

MSVOA_Y

ClientSampleId :

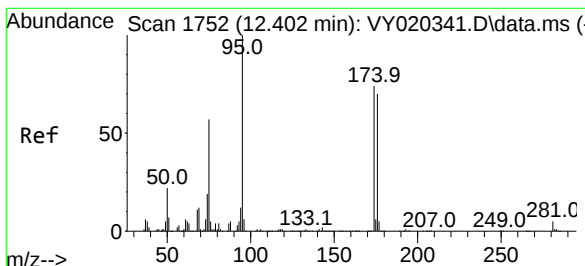
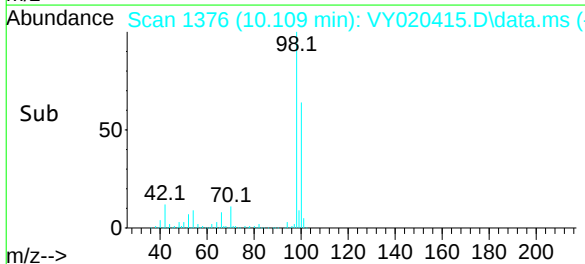
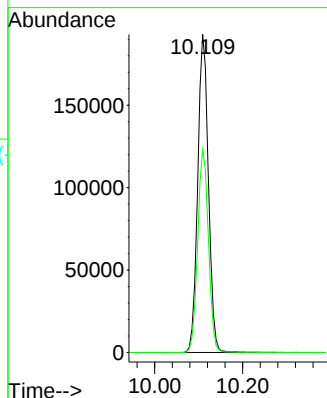
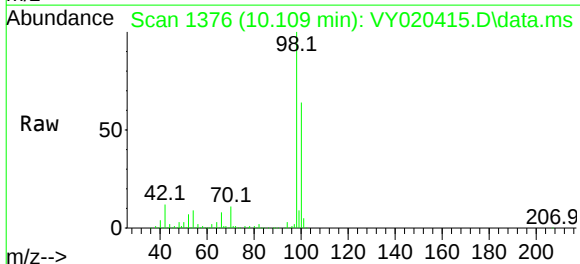
B2

Tgt Ion: 98 Resp: 325243

Ion Ratio Lower Upper

98 100

100 64.4 51.3 76.9



#62

4-Bromofluorobenzene

Concen: 50.112 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY020415.D

Acq: 22 Nov 2024 16:00

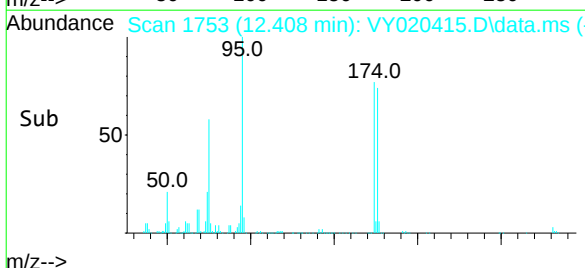
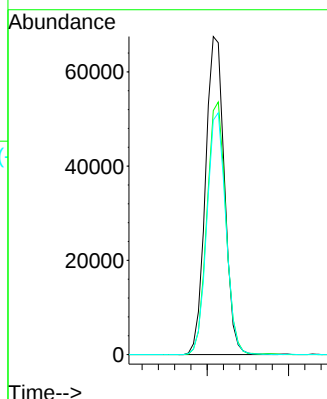
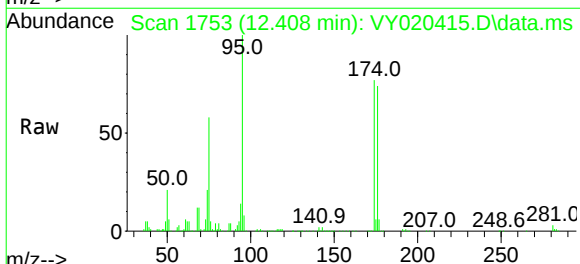
Tgt Ion: 95 Resp: 109002

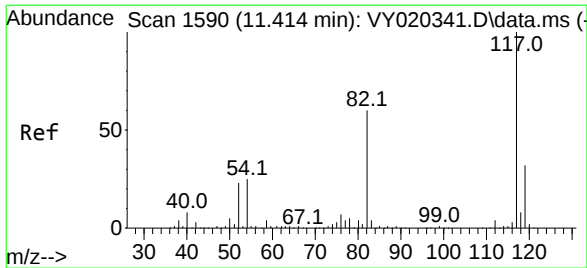
Ion Ratio Lower Upper

95 100

174 78.9 0.0 156.8

176 76.0 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: VY020415.D

Acq: 22 Nov 2024 16:00

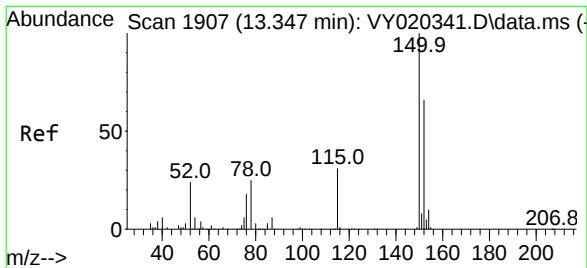
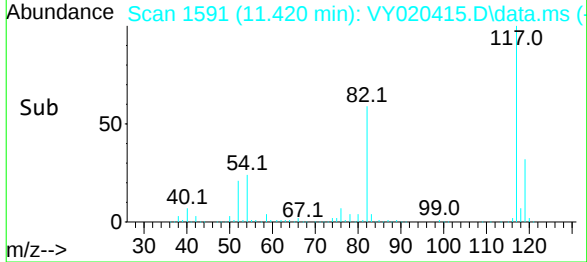
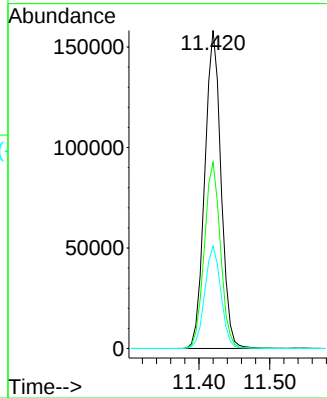
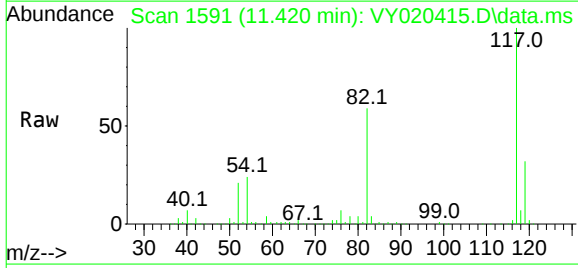
Instrument :

MSVOA_Y

ClientSampleId :

B2

Tgt Ion:	117	Resp:	251857
Ion	Ratio	Lower	Upper
117	100		
82	58.6	48.2	72.4
119	32.2	25.8	38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY020415.D

Acq: 22 Nov 2024 16:00

Tgt Ion:	152	Resp:	99018
Ion	Ratio	Lower	Upper
152	100		
115	60.2	30.0	90.0
150	156.4	0.0	348.2

