

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112224\
 Data File : VY020414.D
 Acq On : 22 Nov 2024 15:36
 Operator : SY/MD
 Sample : P4960-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B1

Quant Time: Nov 23 00:02:19 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	140264	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	266905	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	244006	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	91276	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	78476	48.698	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.400%
35) Dibromofluoromethane	7.640	113	83149	48.583	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.160%
50) Toluene-d8	10.109	98	325045	48.213	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.420%
62) 4-Bromofluorobenzene	12.408	95	101991	47.059	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	94.120%

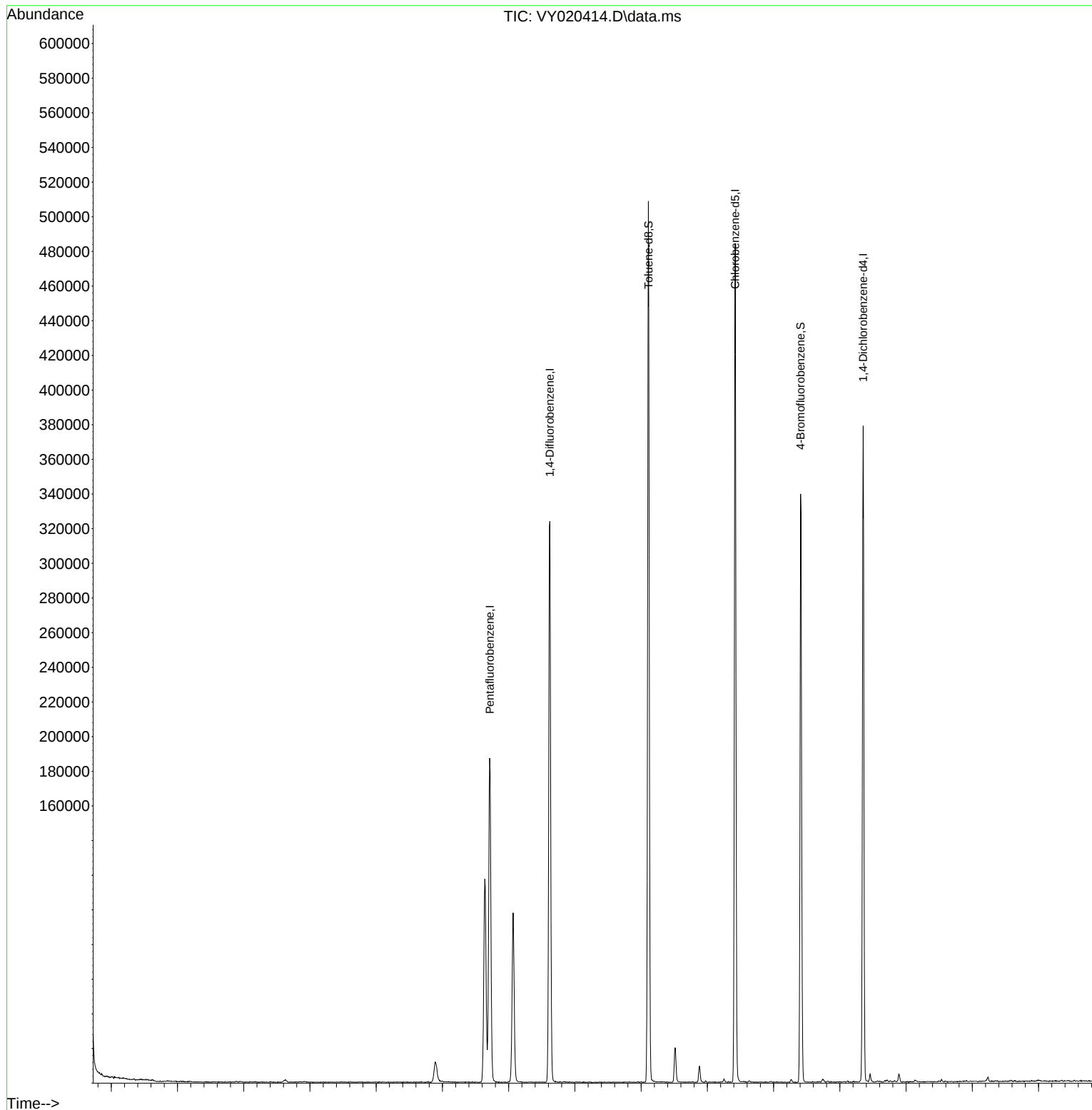
Target Compounds	Qvalue

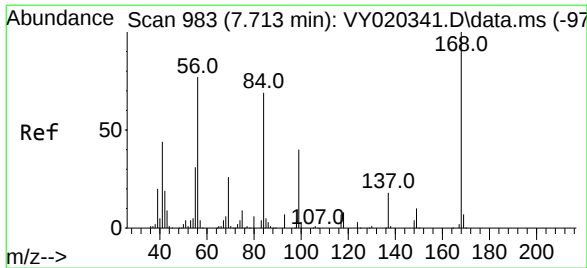
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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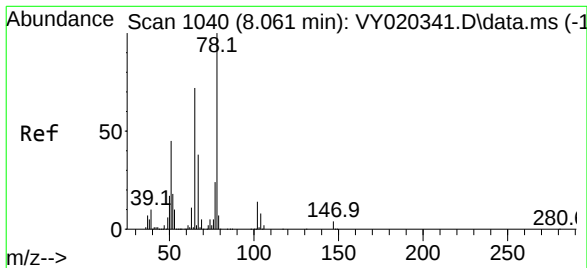
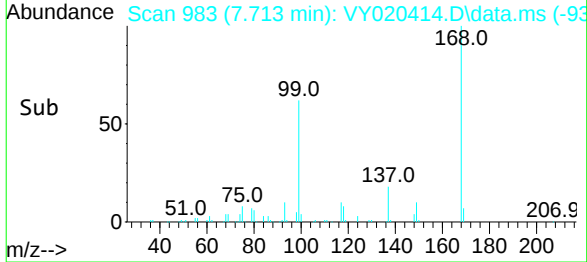
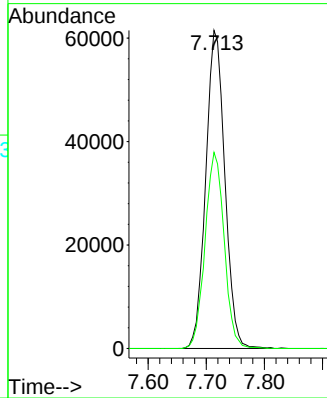
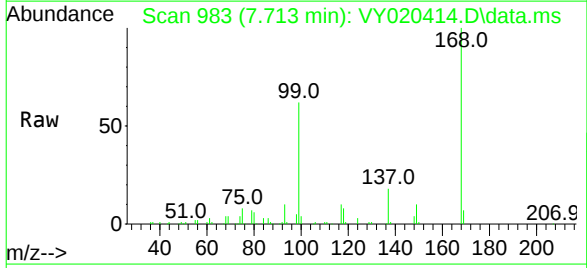




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY020414.D
Acq: 22 Nov 2024 15:36

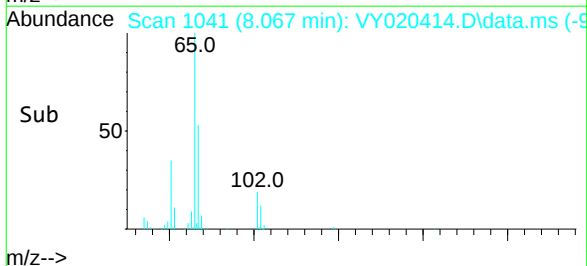
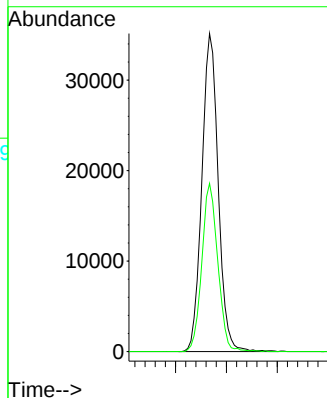
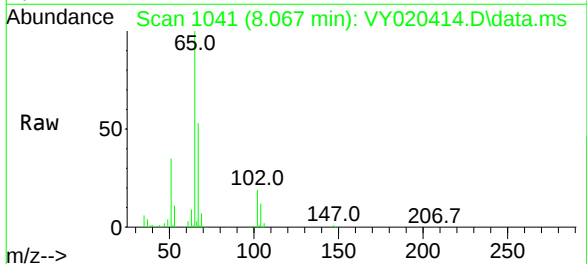
Instrument :
MSVOA_Y
ClientSampleId :
B1

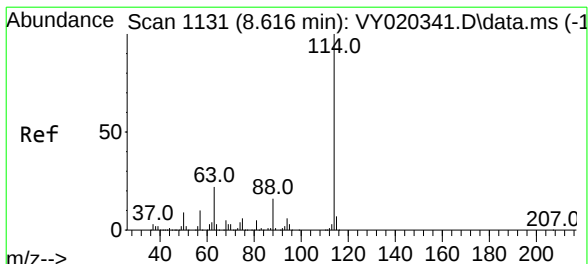
Tgt Ion:168 Resp: 140264
Ion Ratio Lower Upper
168 100
99 61.7 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 48.698 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY020414.D
Acq: 22 Nov 2024 15:36

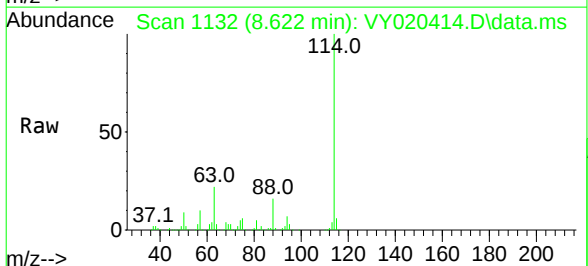
Tgt Ion: 65 Resp: 78476
Ion Ratio Lower Upper
65 100
67 51.5 0.0 105.8





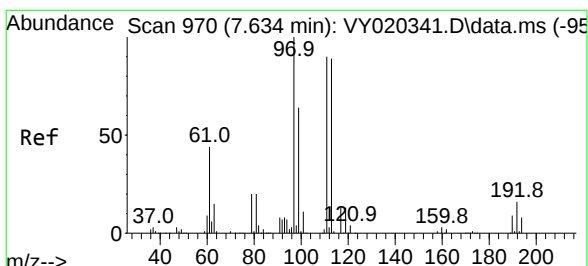
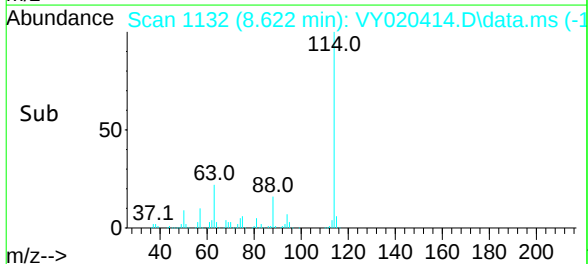
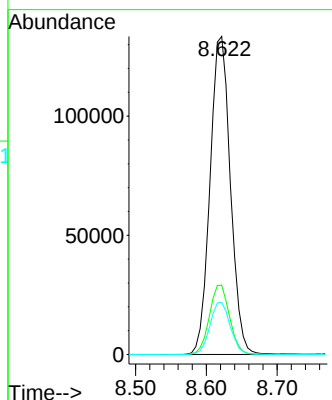
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.622 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VY020414.D
 Acq: 22 Nov 2024 15:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 B1



Tgt Ion:114 Resp: 266905

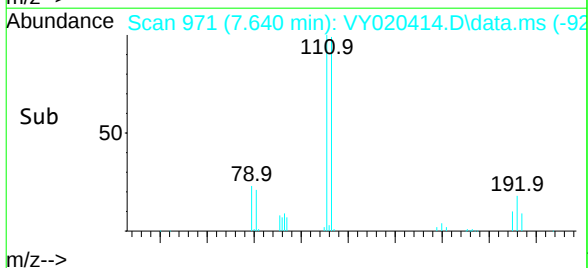
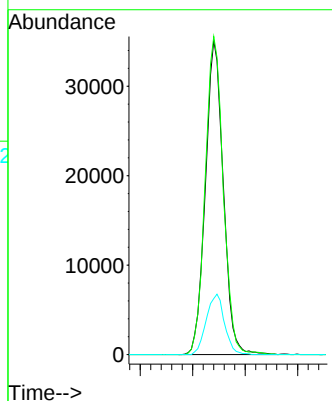
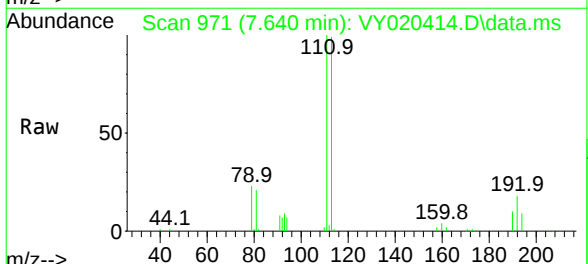
Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	44.8
88	16.4	0.0	32.0

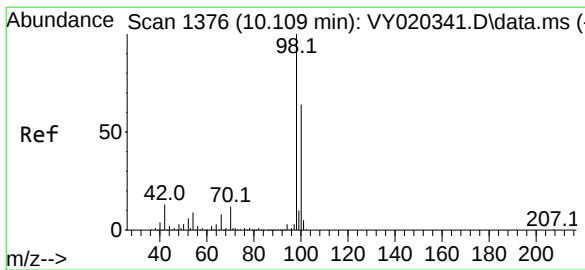


#35
 Dibromofluoromethane
 Concen: 48.583 ug/l
 RT: 7.640 min Scan# 971
 Delta R.T. 0.006 min
 Lab File: VY020414.D
 Acq: 22 Nov 2024 15:36

Tgt Ion:113 Resp: 83149

Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.4	122.0
192	19.6	15.1	22.7





#50

Toluene-d8

Concen: 48.213 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY020414.D

Acq: 22 Nov 2024 15:36

Instrument :

MSVOA_Y

ClientSampleId :

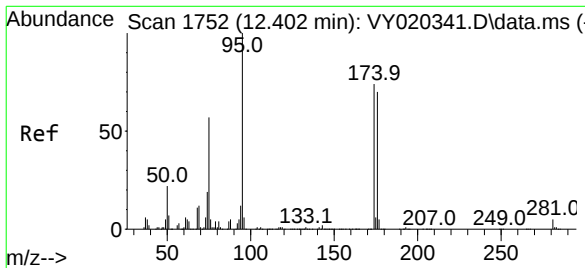
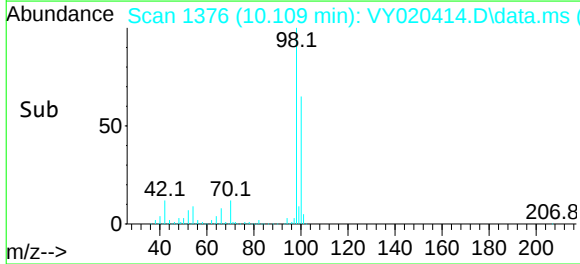
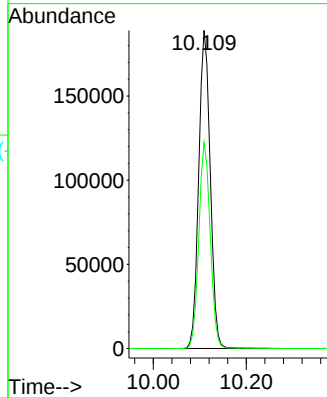
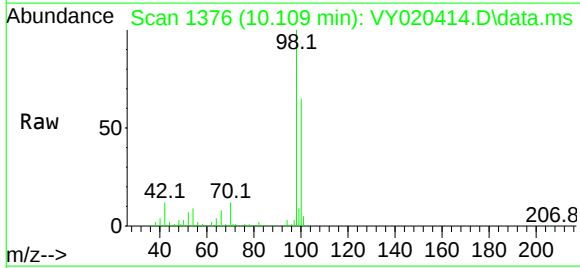
B1

Tgt Ion: 98 Resp: 325045

Ion Ratio Lower Upper

98 100

100 64.2 51.3 76.9



#62

4-Bromofluorobenzene

Concen: 47.059 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY020414.D

Acq: 22 Nov 2024 15:36

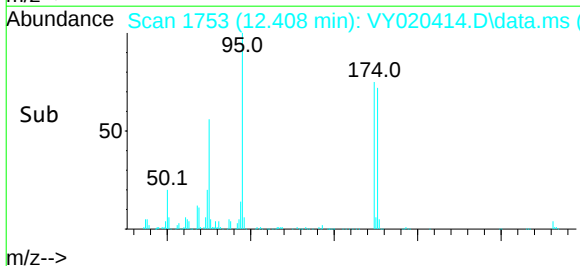
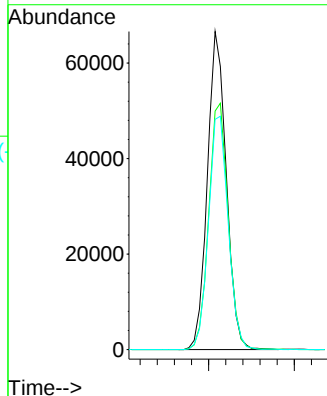
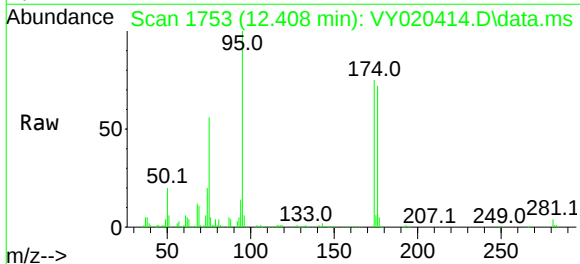
Tgt Ion: 95 Resp: 101991

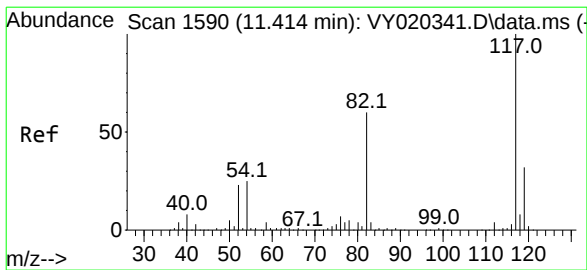
Ion Ratio Lower Upper

95 100

174 79.8 0.0 156.8

176 76.3 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: VY020414.D

Acq: 22 Nov 2024 15:36

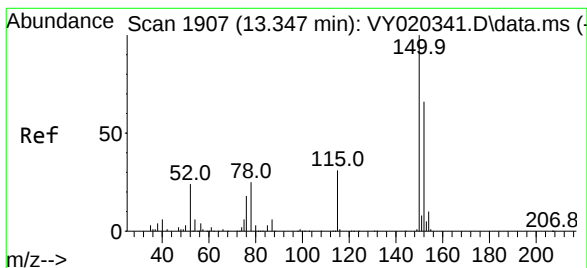
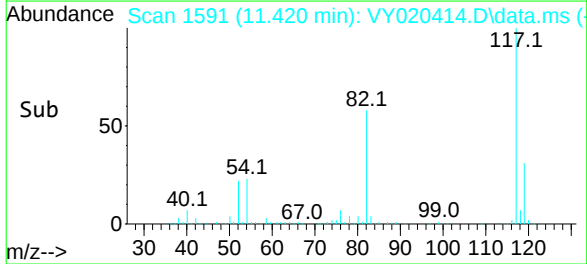
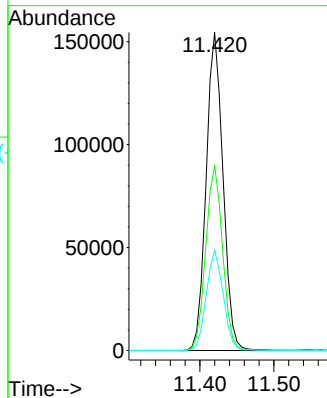
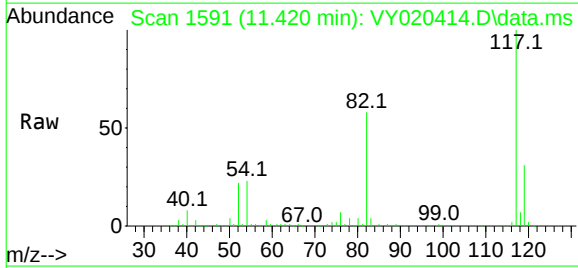
Instrument :

MSVOA_Y

ClientSampleId :

B1

Tgt Ion:	117	Resp:	244006
Ion	Ratio	Lower	Upper
117	100		
82	58.0	48.2	72.4
119	31.5	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: VY020414.D

Acq: 22 Nov 2024 15:36

Tgt Ion:	152	Resp:	91276
Ion	Ratio	Lower	Upper
152	100		
115	60.5	30.0	90.0
150	157.0	0.0	348.2

