

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112124\
 Data File : VY020384.D
 Acq On : 21 Nov 2024 14:09
 Operator : SY/MD
 Sample : P4910-03
 Misc : 5.27g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-COTTAGE-VOC

Quant Time: Nov 22 00:24:26 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	155757	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	296908	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	282341	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	115932	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	95312	53.263	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.520%
35) Dibromofluoromethane	7.640	113	94349	49.557	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.120%
50) Toluene-d8	10.109	98	360396	48.055	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.100%
62) 4-Bromofluorobenzene	12.408	95	124807	51.768	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	103.540%

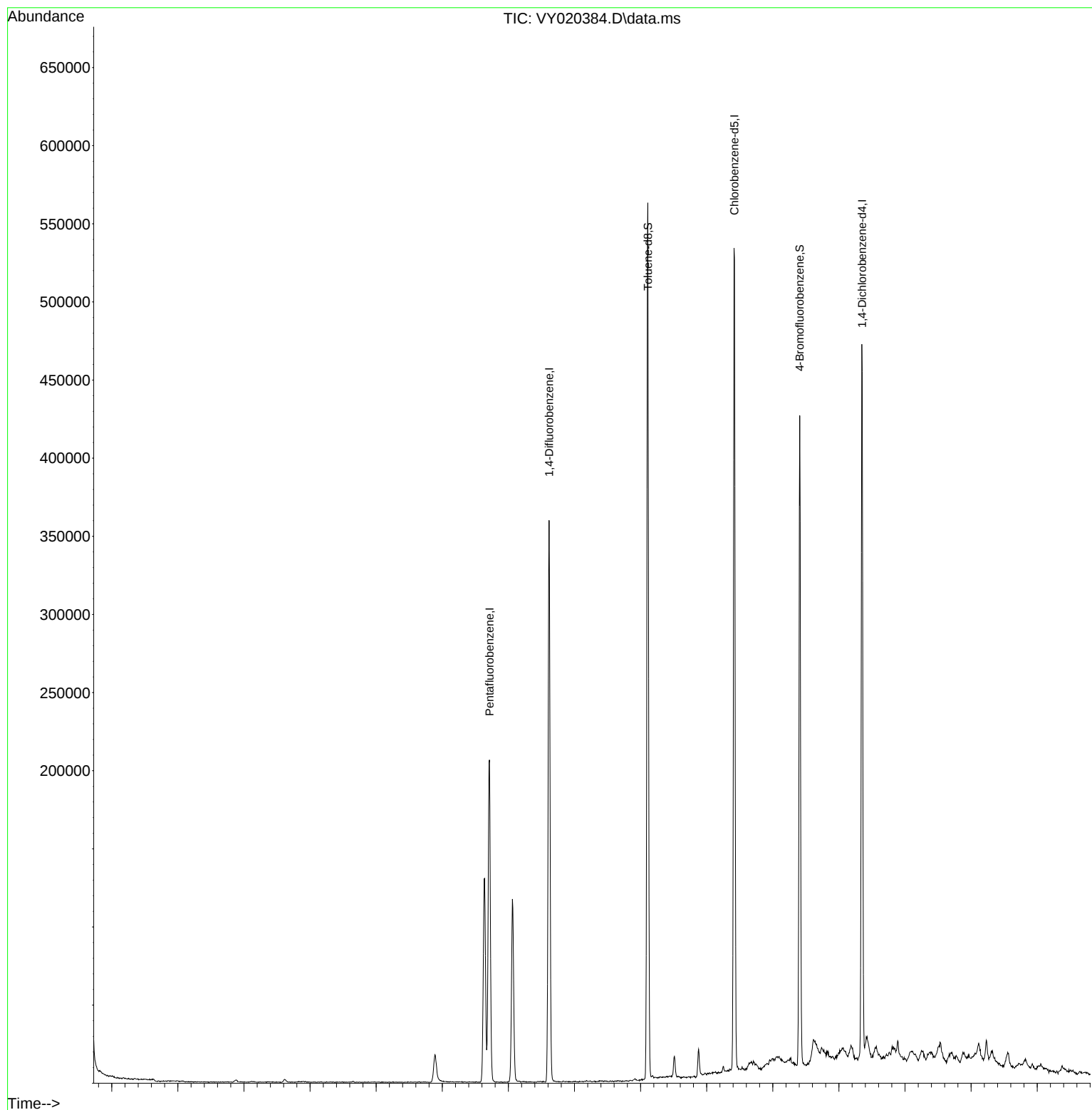
Target Compounds Qvalue

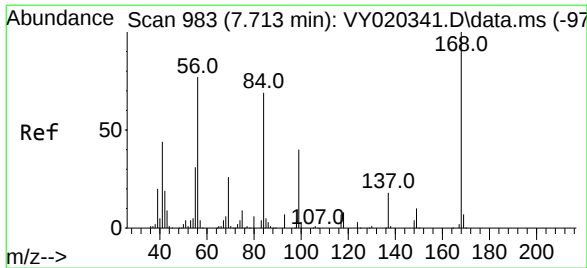
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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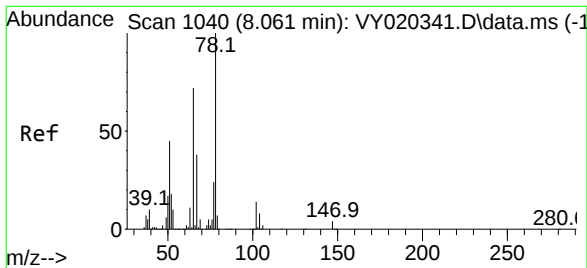
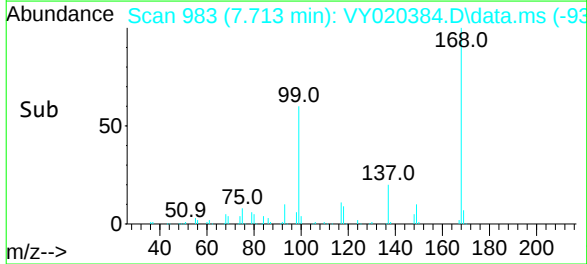
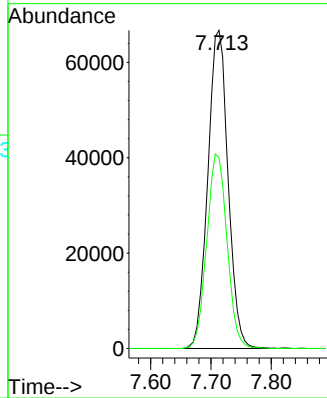
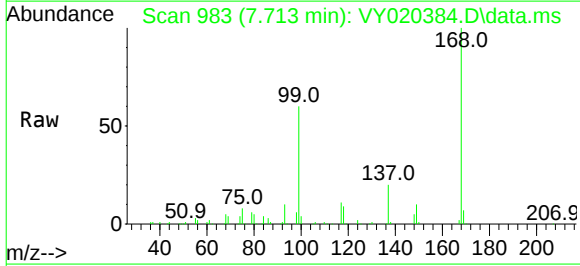




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY020384.D
Acq: 21 Nov 2024 14:09

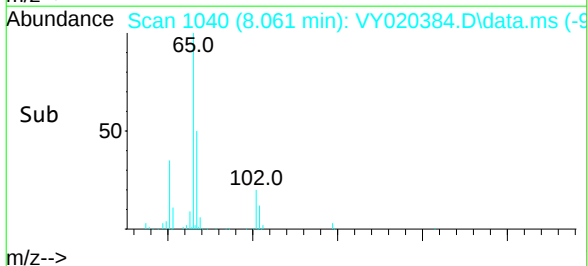
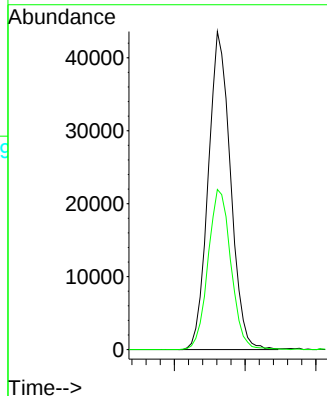
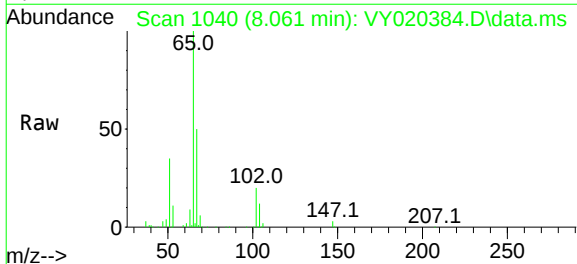
Instrument :
MSVOA_Y
ClientSampleId :
MH-COTTAGE-VOC

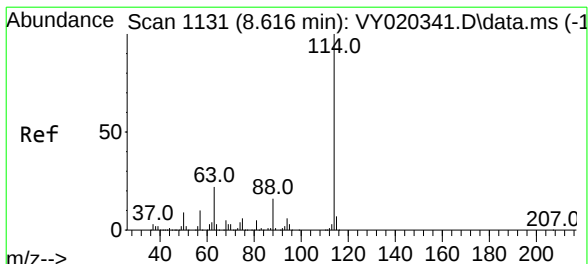
Tgt Ion:168 Resp: 155757
Ion Ratio Lower Upper
168 100
99 60.0 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 53.263 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY020384.D
Acq: 21 Nov 2024 14:09

Tgt Ion: 65 Resp: 95312
Ion Ratio Lower Upper
65 100
67 51.8 0.0 105.8

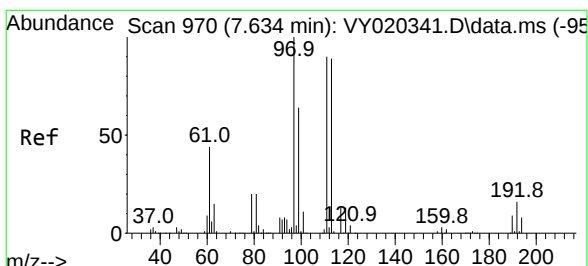
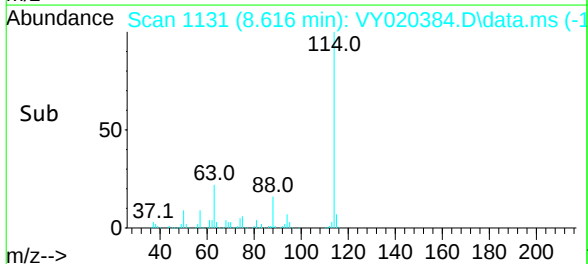
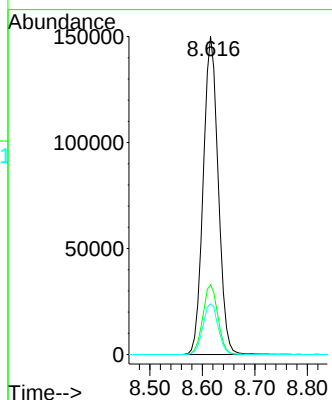
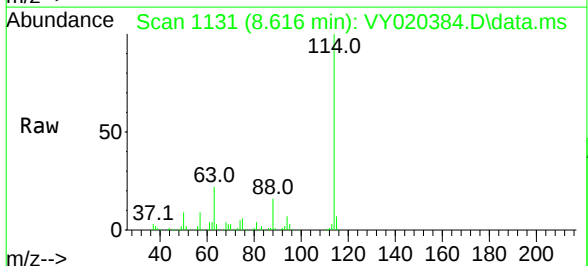




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY020384.D
Acq: 21 Nov 2024 14:09

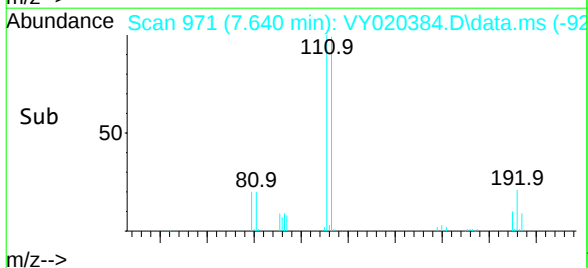
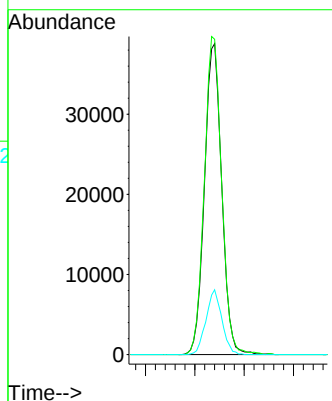
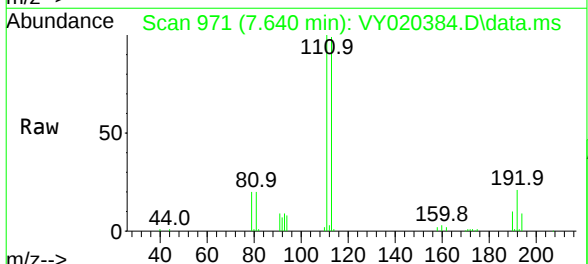
Instrument :
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MH-COTTAGE-VOC

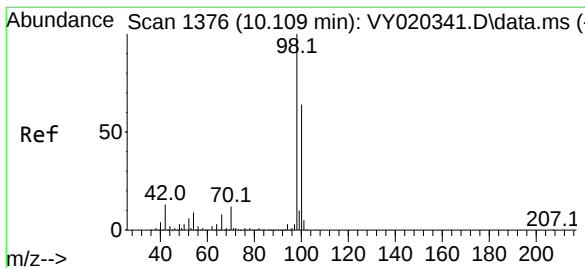
Tgt Ion:	114	Resp:	296908
Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	44.8
88	15.9	0.0	32.0



#35
Dibromofluoromethane
Concen: 49.557 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY020384.D
Acq: 21 Nov 2024 14:09

Tgt Ion:	113	Resp:	94349
Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.4	122.0
192	19.2	15.1	22.7





#50

Toluene-d8

Concen: 48.055 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY020384.D

Acq: 21 Nov 2024 14:09

Instrument :

MSVOA_Y

ClientSampleId :

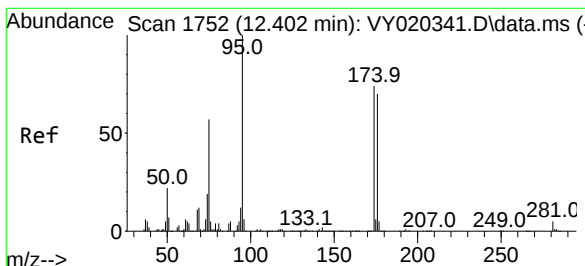
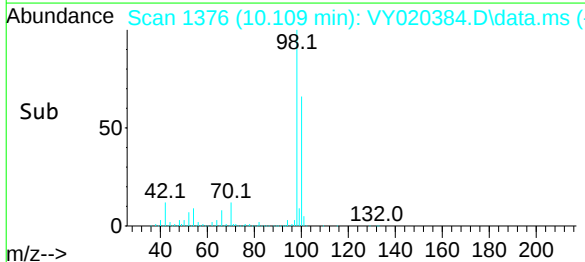
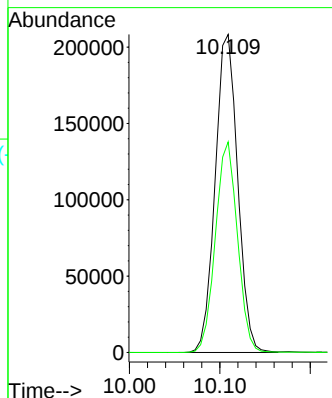
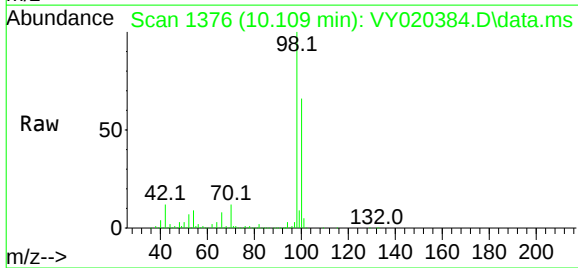
MH-COTTAGE-VOC

Tgt Ion: 98 Resp: 360396

Ion Ratio Lower Upper

98 100

100 64.9 51.3 76.9



#62

4-Bromofluorobenzene

Concen: 51.768 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY020384.D

Acq: 21 Nov 2024 14:09

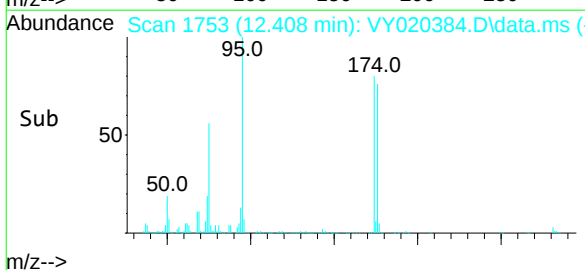
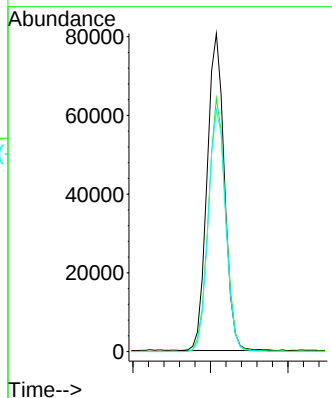
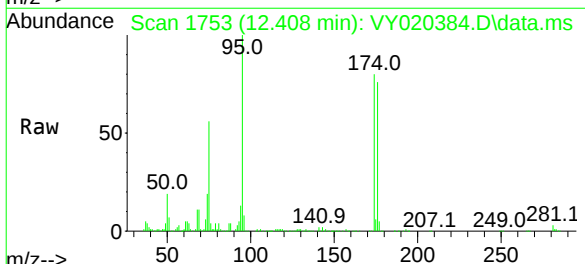
Tgt Ion: 95 Resp: 124807

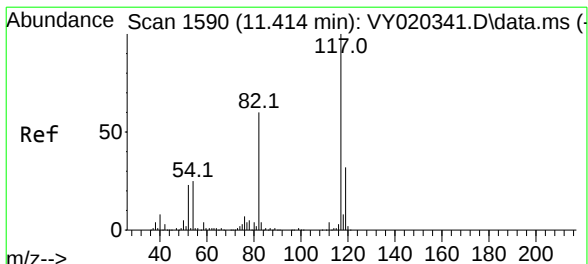
Ion Ratio Lower Upper

95 100

174 79.7 0.0 156.8

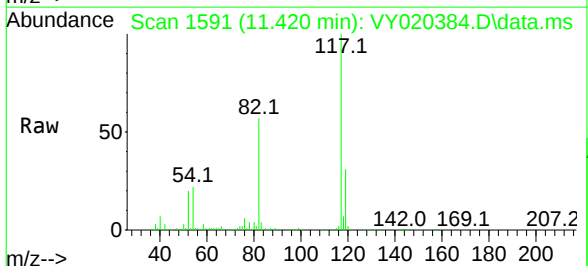
176 77.0 0.0 152.0



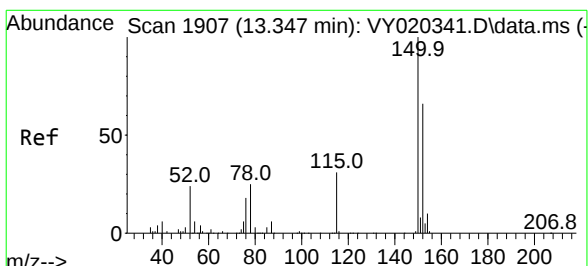
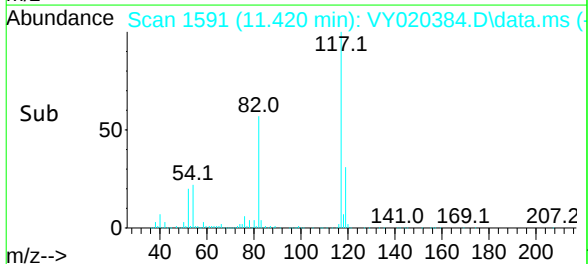
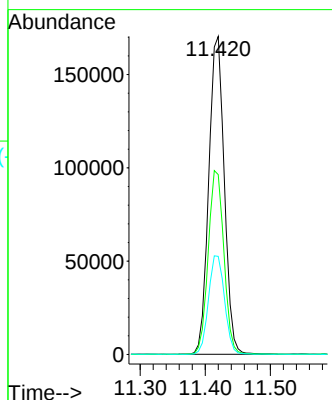


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VY020384.D
Acq: 21 Nov 2024 14:09

Instrument :
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ClientSampleId :
MH-COTTAGE-VOC



Tgt Ion:	117	Resp:	282341
Ion	Ratio	Lower	Upper
117	100		
82	56.5	48.2	72.4
119	30.8	25.8	38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY020384.D
Acq: 21 Nov 2024 14:09

Tgt Ion:	152	Resp:	115932
Ion	Ratio	Lower	Upper
152	100		
115	61.4	30.0	90.0
150	154.4	0.0	348.2

