

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112124\
 Data File : VY020383.D
 Acq On : 21 Nov 2024 13:46
 Operator : SY/MD
 Sample : P4910-07
 Misc : 4.52g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-759-VOC

Quant Time: Nov 22 00:23:56 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	137573	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	263416	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	250206	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	101398	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	85751	54.254	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.500%
35) Dibromofluoromethane	7.634	113	83399	49.375	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.740%
50) Toluene-d8	10.109	98	327970	49.291	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.580%
62) 4-Bromofluorobenzene	12.408	95	114860	53.699	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	107.400%

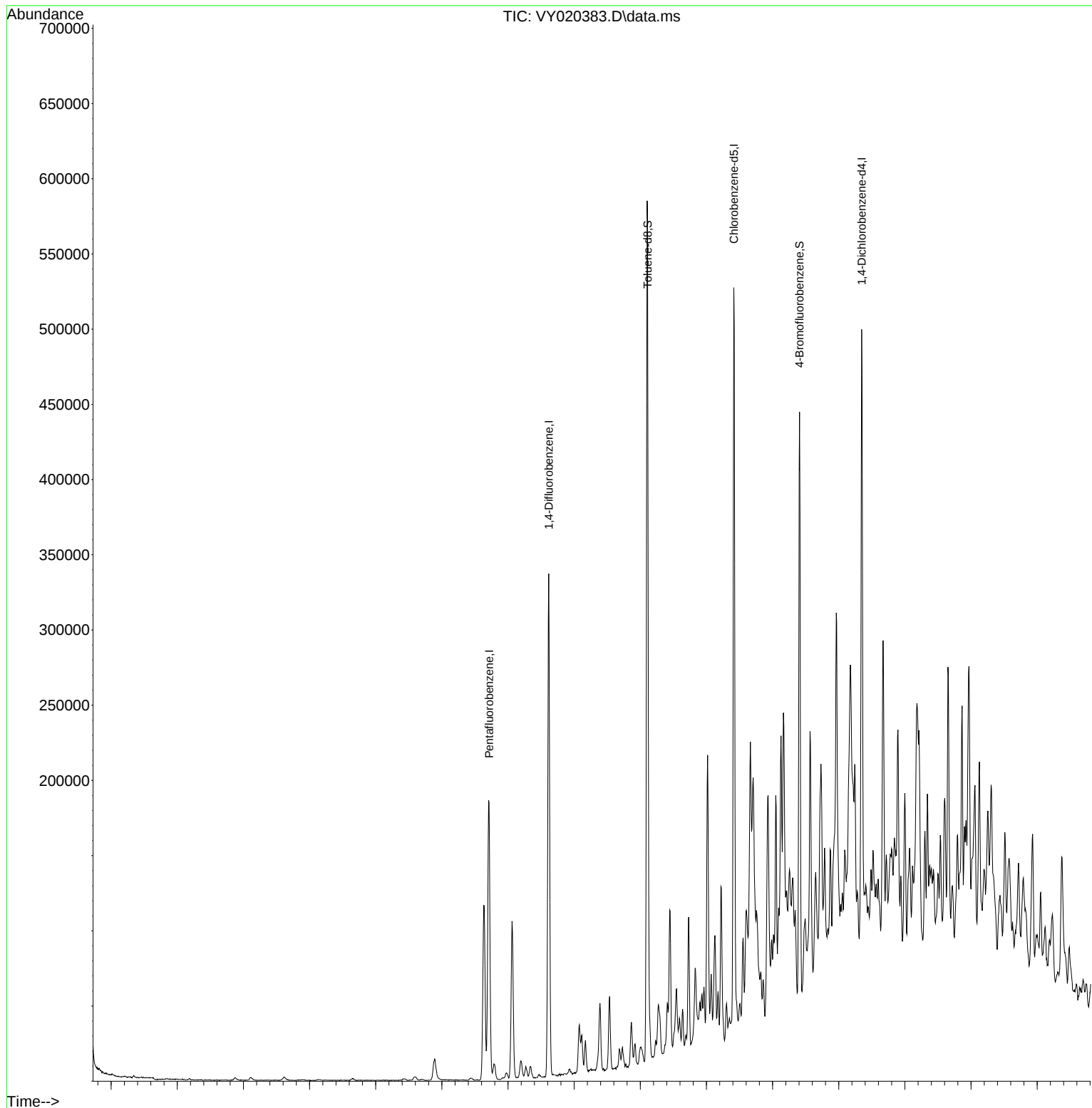
Target Compounds	Qvalue

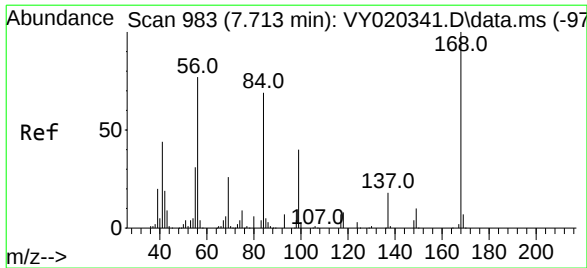
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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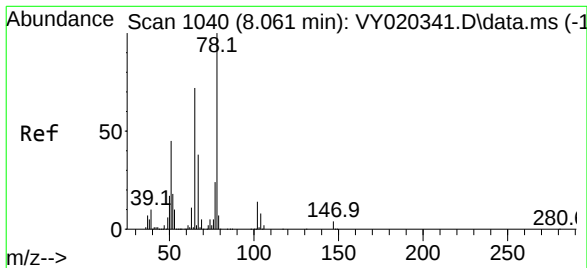
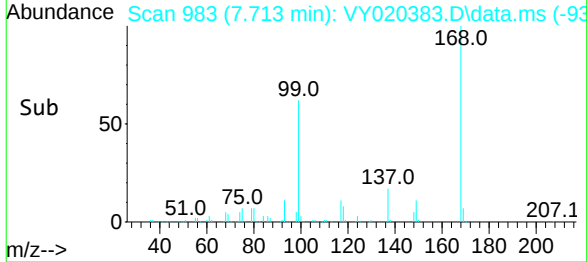
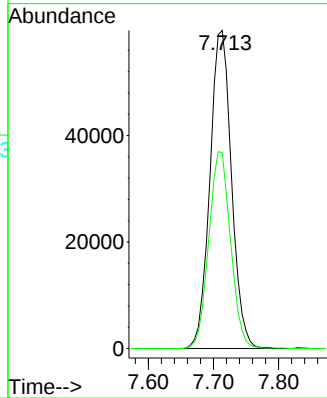
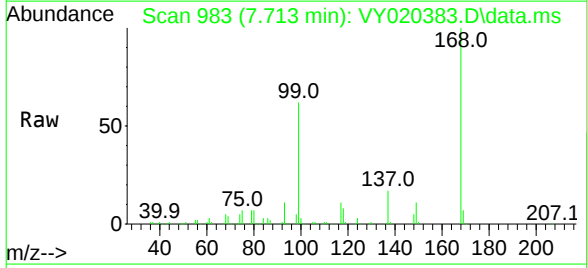




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY020383.D
Acq: 21 Nov 2024 13:46

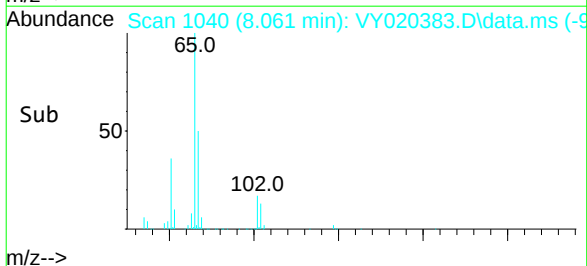
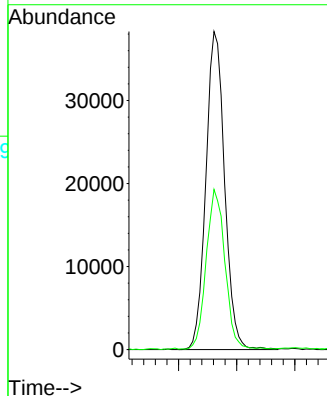
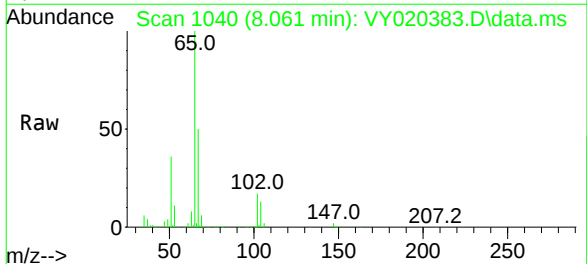
Instrument :
MSVOA_Y
ClientSampleId :
MH-759-VOC

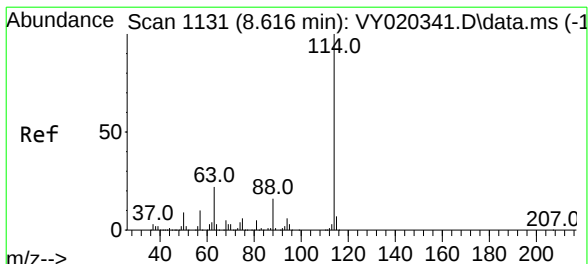
Tgt Ion:168 Resp: 137573
Ion Ratio Lower Upper
168 100
99 61.6 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 54.254 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020383.D
Acq: 21 Nov 2024 13:46

Tgt Ion: 65 Resp: 85751
Ion Ratio Lower Upper
65 100
67 50.1 0.0 105.8

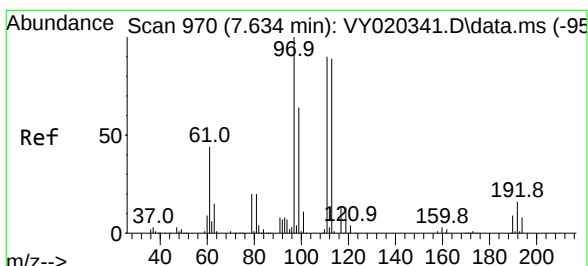
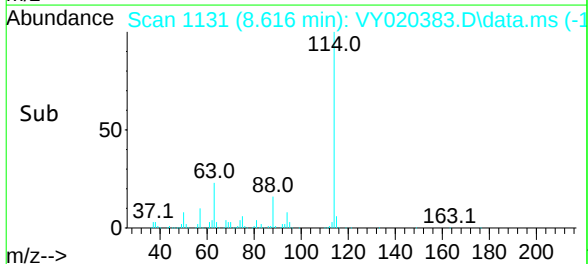
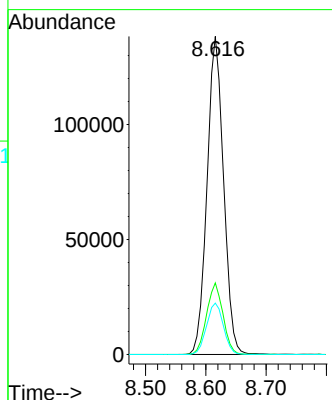
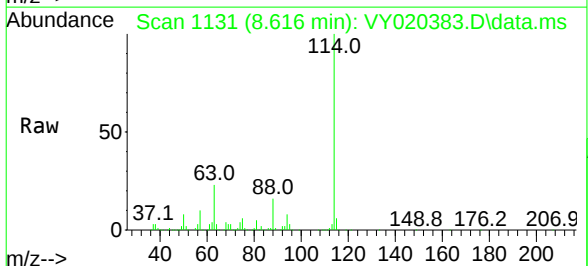




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY020383.D
 Acq: 21 Nov 2024 13:46

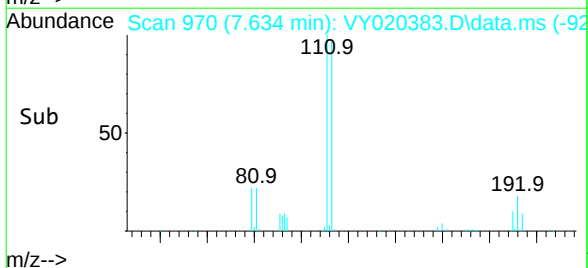
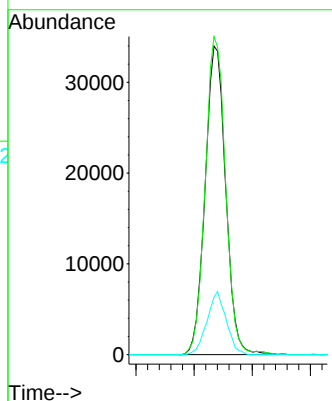
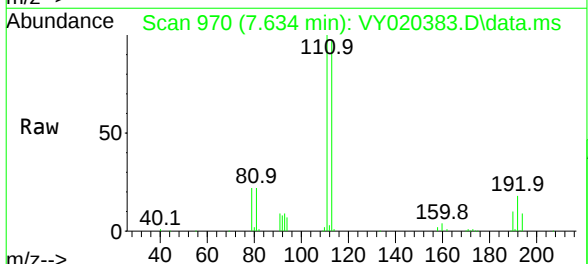
Instrument :
 MSVOA_Y
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 MH-759-VOC

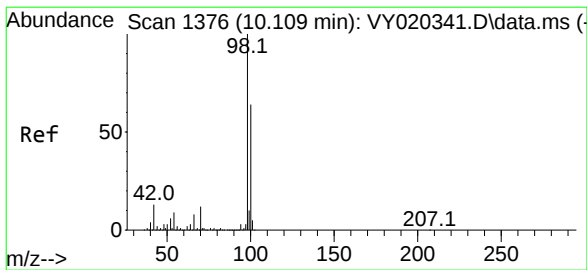
Tgt Ion:	114	Resp:	263416
Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	44.8
88	16.2	0.0	32.0



#35
 Dibromofluoromethane
 Concen: 49.375 ug/l
 RT: 7.634 min Scan# 970
 Delta R.T. 0.000 min
 Lab File: VY020383.D
 Acq: 21 Nov 2024 13:46

Tgt Ion:	113	Resp:	83399
Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.4	122.0
192	19.1	15.1	22.7





#50

Toluene-d8

Concen: 49.291 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY020383.D

Acq: 21 Nov 2024 13:46

Instrument :

MSVOA_Y

ClientSampleId :

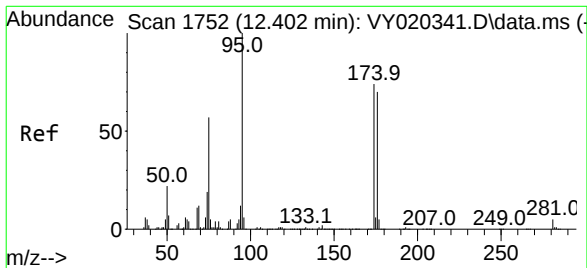
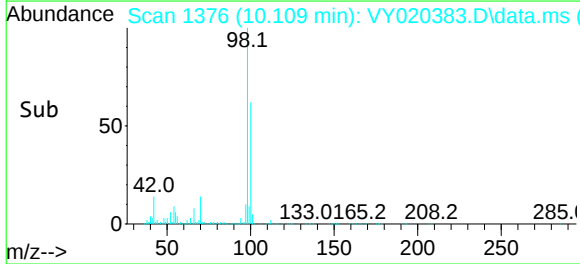
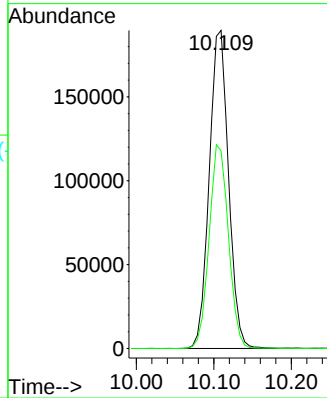
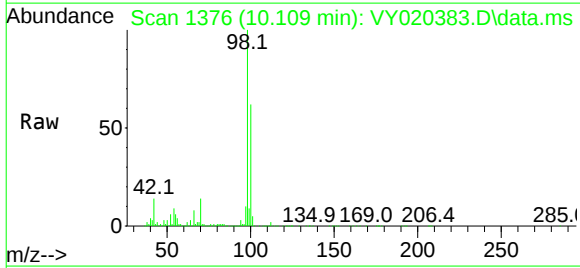
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Tgt Ion: 98 Resp: 327970

Ion Ratio Lower Upper

98 100

100 64.1 51.3 76.9



#62

4-Bromofluorobenzene

Concen: 53.699 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY020383.D

Acq: 21 Nov 2024 13:46

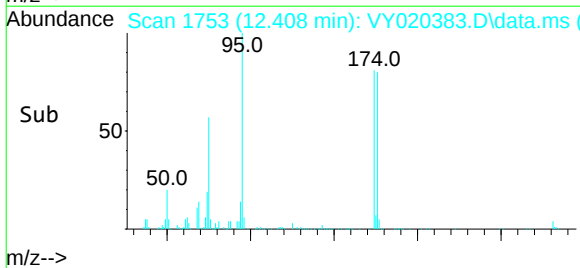
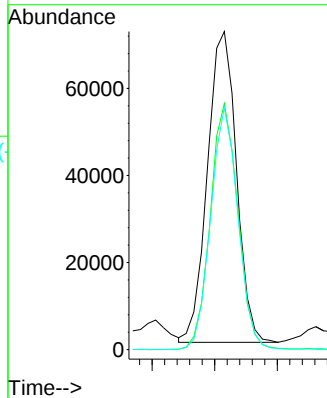
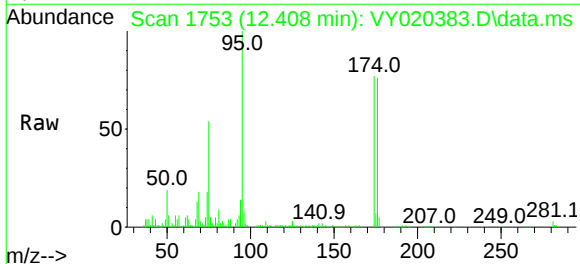
Tgt Ion: 95 Resp: 114860

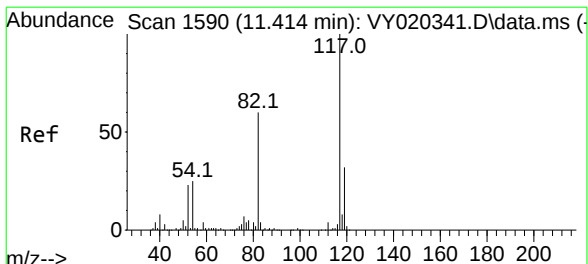
Ion Ratio Lower Upper

95 100

174 75.7 0.0 156.8

176 73.4 0.0 152.0

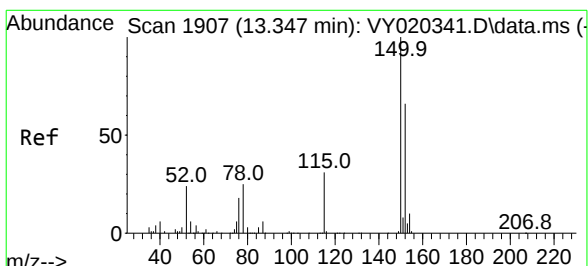
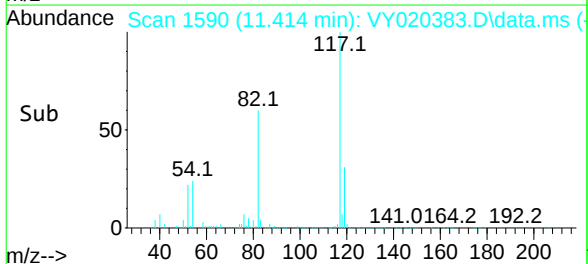
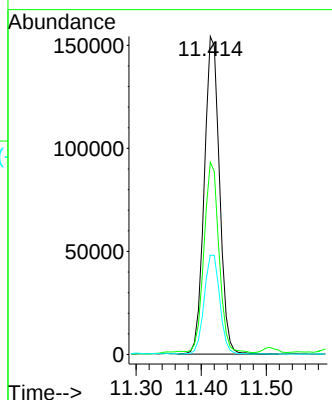
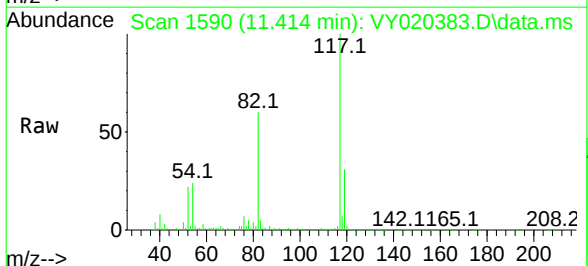




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY020383.D
Acq: 21 Nov 2024 13:46

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Tgt Ion:	117	Resp:	250206
Ion	Ratio	Lower	Upper
117	100		
82	59.5	48.2	72.4
119	31.2	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: VY020383.D
Acq: 21 Nov 2024 13:46

Tgt Ion:	152	Resp:	101398
Ion	Ratio	Lower	Upper
152	100		
115	59.4	30.0	90.0
150	156.0	0.0	348.2

