

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101024\
 Data File : VL041650.D
 Acq On : 10 Oct 2024 20:03
 Operator : SY/MD
 Sample : CAN 10601
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Oct 11 05:44:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Sep 17 09:12:21 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

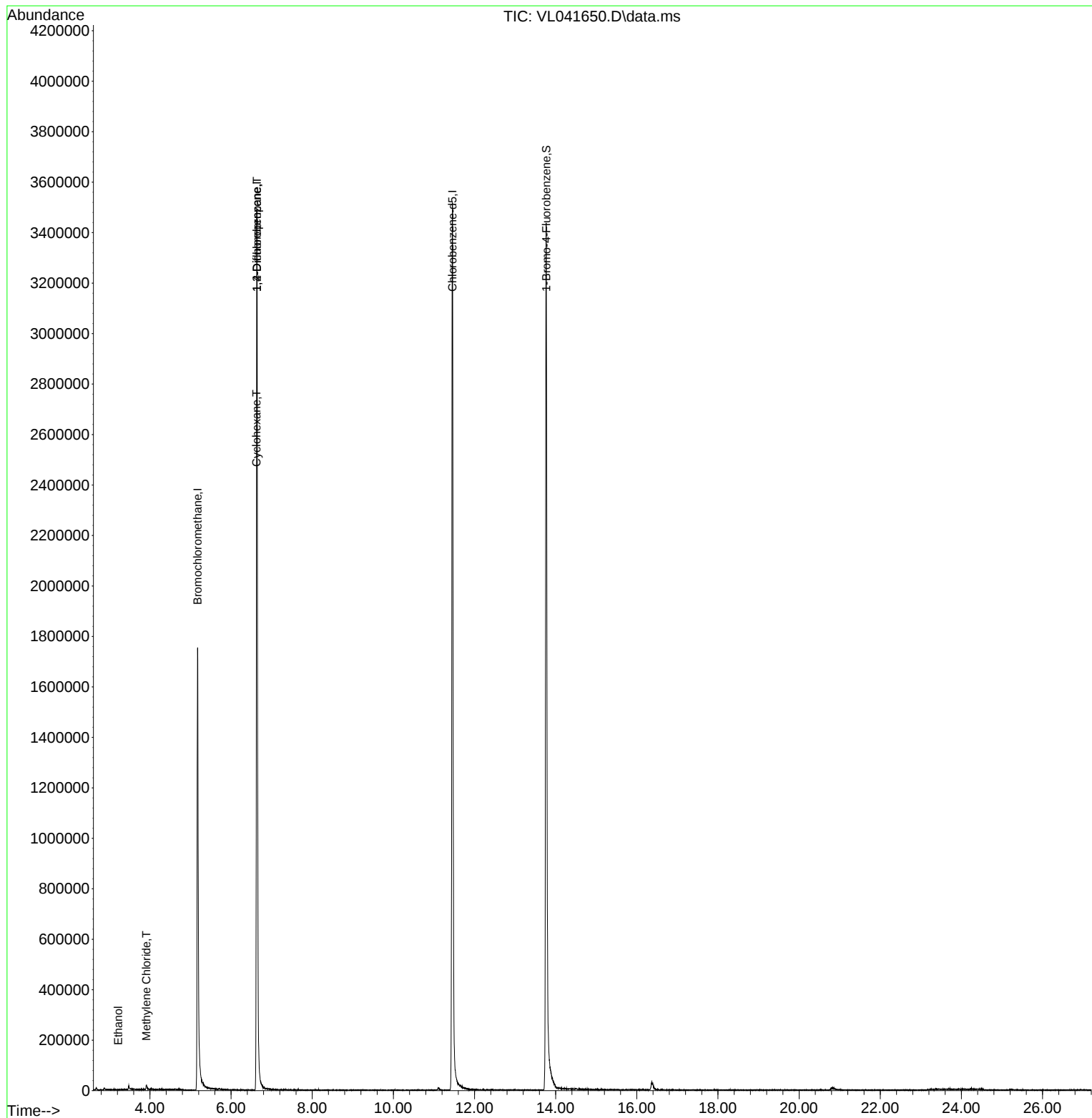
Internal Standards						
1) Bromochloromethane	5.173	49	956901	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.635	114	2608928	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.455	117	2284081	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.767	95	1679416	9.988	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.900%
Target Compounds						
					Qvalue	
13) Ethanol	3.218	45	174	0.047	ppbv #	37
20) Methylene Chloride	3.912	84	4087	0.091	ppbv	89
30) Cyclohexane	6.626	84	4193	0.060	ppbv #	1
39) 1,2-Dichloropropane	6.635	63	639441	8.675	ppbv #	24

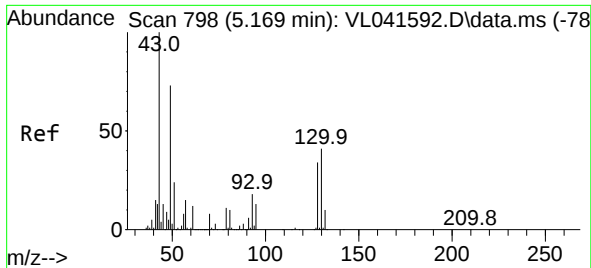
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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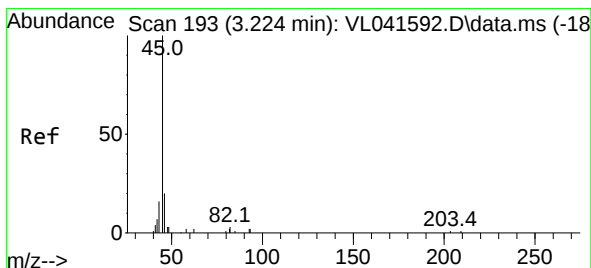
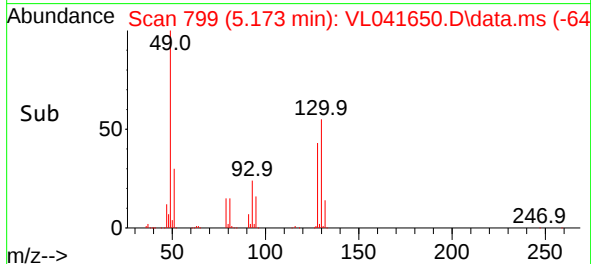
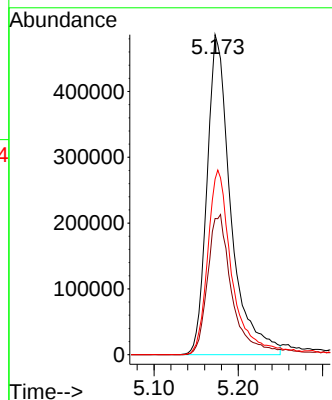
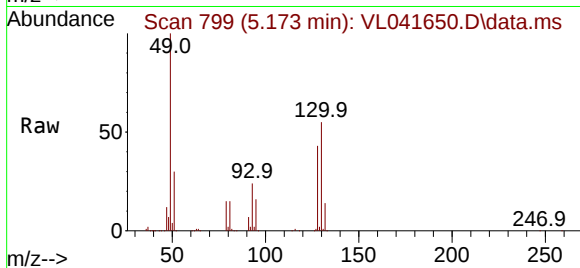




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.173 min Scan# 798
Delta R.T. 0.004 min
Lab File: VL041650.D
Acq: 10 Oct 2024 20:03

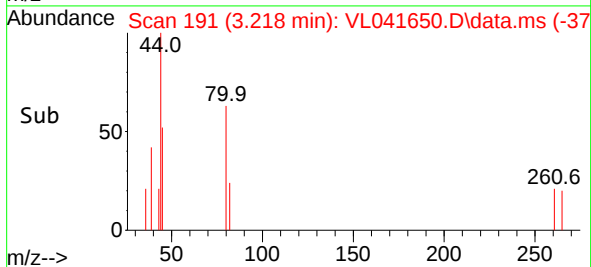
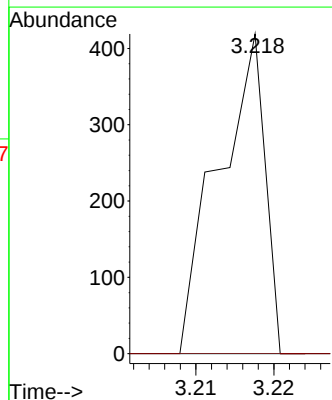
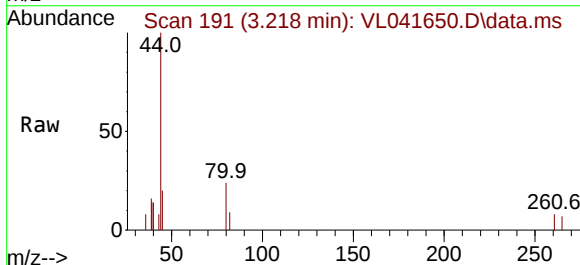
Instrument :
MSVOA_L
ClientSampleId :

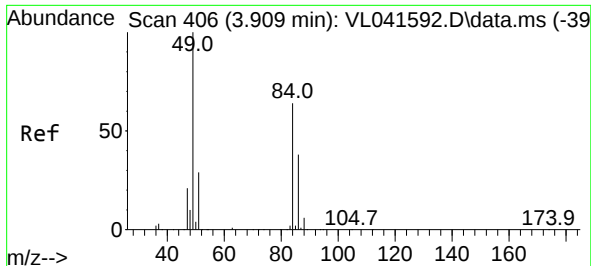
Tgt Ion: 49 Resp: 956901
Ion Ratio Lower Upper
49 100
128 46.6 23.8 71.5
130 60.4 30.4 91.3



#13
Ethanol
Concen: 0.047 ppbv
RT: 3.218 min Scan# 191
Delta R.T. -0.006 min
Lab File: VL041650.D
Acq: 10 Oct 2024 20:03

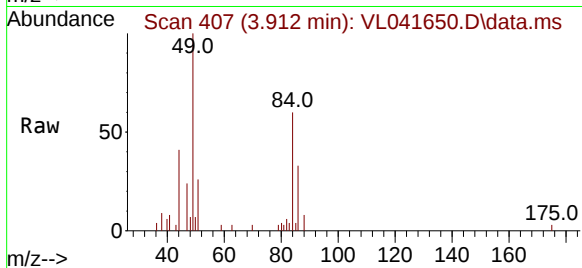
Tgt Ion: 45 Resp: 174
Ion Ratio Lower Upper
45 100
46 0.0 15.2 60.8#





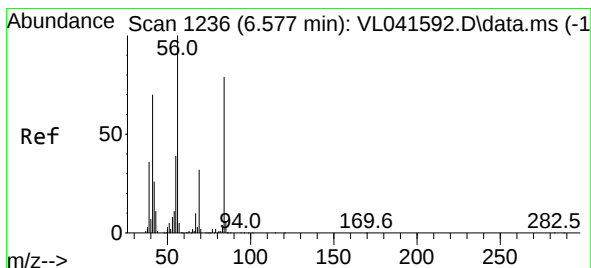
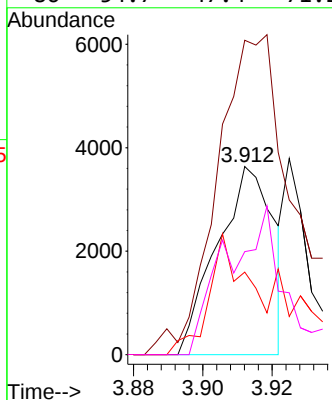
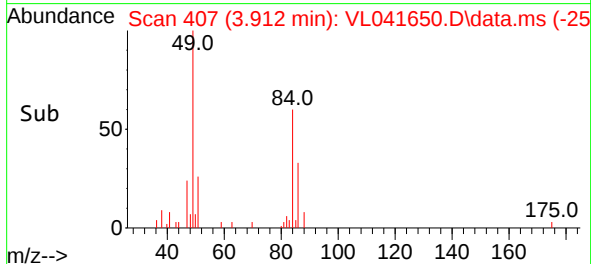
#20
Methylene Chloride
Concen: 0.091 ppbv
RT: 3.912 min Scan# 407
Delta R.T. 0.003 min
Lab File: VL041650.D
Acq: 10 Oct 2024 20:03

Instrument :
MSVOA_L
ClientSampleId :

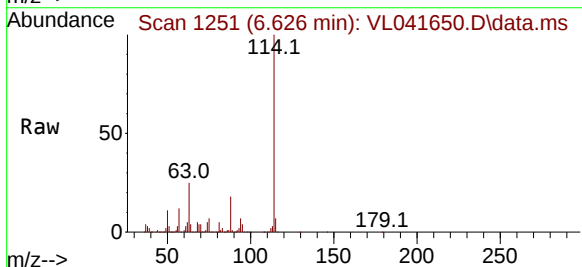


Tgt Ion: 84 Resp: 4087

Ion	Ratio	Lower	Upper
84	100		
49	171.9	124.3	186.5
51	36.4	36.3	54.5
86	54.7	47.4	71.2

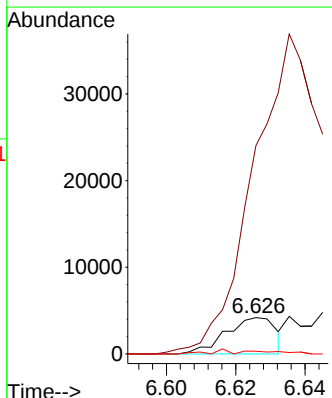
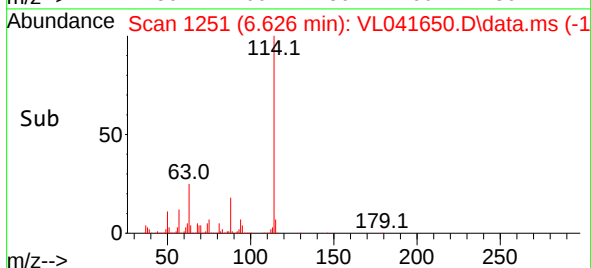


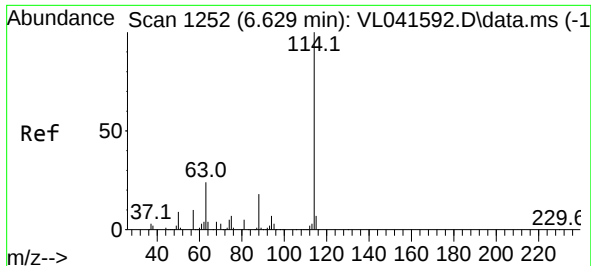
#30
Cyclohexane
Concen: 0.060 ppbv
RT: 6.626 min Scan# 1251
Delta R.T. 0.048 min
Lab File: VL041650.D
Acq: 10 Oct 2024 20:03



Tgt Ion: 84 Resp: 4193

Ion	Ratio	Lower	Upper
84	100		
56	0.0	111.5	167.3#
41	11.5	70.9	106.3#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.635 min Scan# 11

Delta R.T. 0.007 min

Lab File: VL041650.D

Acq: 10 Oct 2024 20:03

Instrument :

MSVOA_L

ClientSampleId :

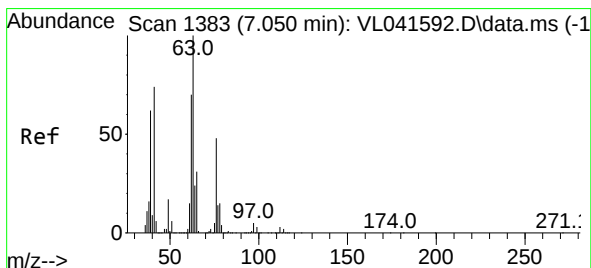
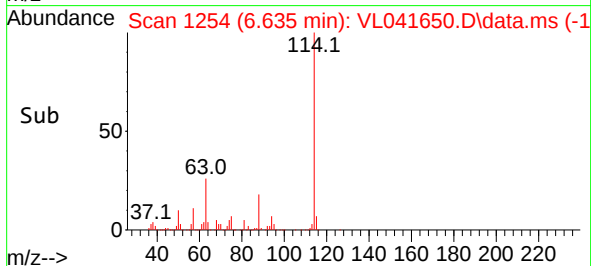
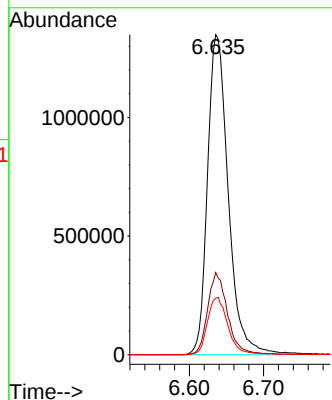
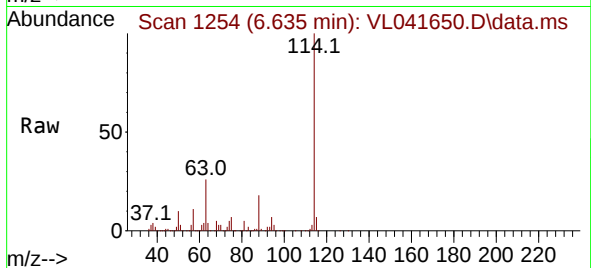
Tgt Ion:114 Resp: 2608928

Ion Ratio Lower Upper

114 100

63 25.0 20.2 30.2

88 17.8 14.2 21.4



#39

1,2-Dichloropropane

Concen: 8.675 ppbv

RT: 6.635 min Scan# 1254

Delta R.T. -0.415 min

Lab File: VL041650.D

Acq: 10 Oct 2024 20:03

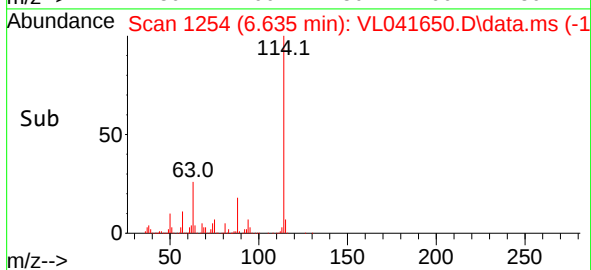
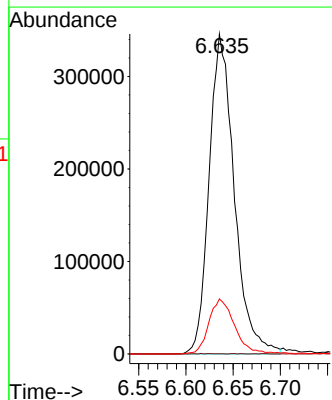
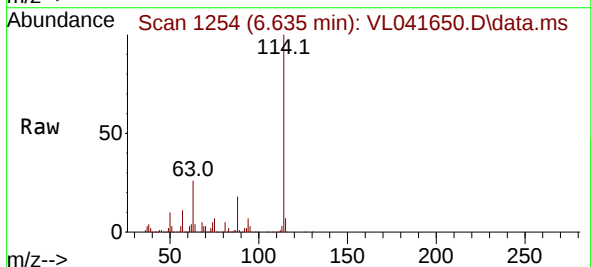
Tgt Ion: 63 Resp: 639441

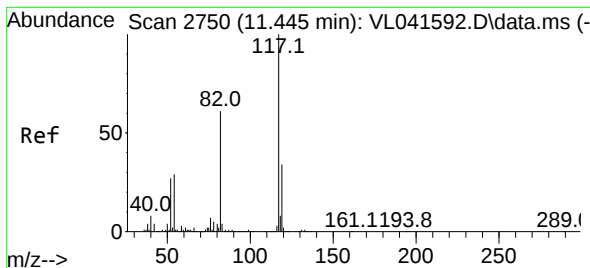
Ion Ratio Lower Upper

63 100

41 0.0 59.5 89.3#

62 17.2 56.2 84.2#

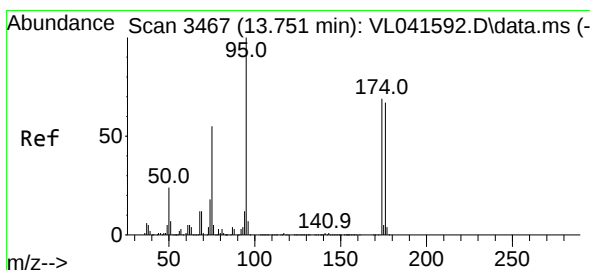
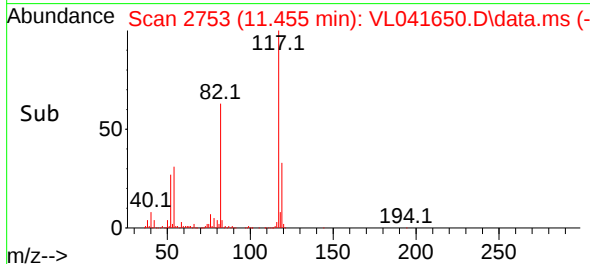
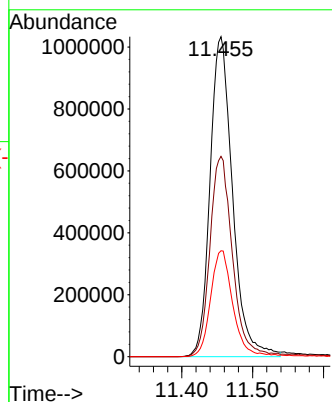
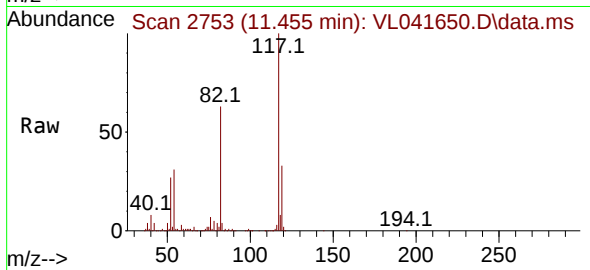




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.455 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL041650.D
Acq: 10 Oct 2024 20:03

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 2284081
Ion Ratio Lower Upper
117 100
82 63.9 49.4 74.2
119 33.1 24.4 36.6



#68
1-Bromo-4-Fluorobenzene
Concen: 9.988 ppbv
RT: 13.767 min Scan# 3472
Delta R.T. 0.016 min
Lab File: VL041650.D
Acq: 10 Oct 2024 20:03

Tgt Ion: 95 Resp: 1679416
Ion Ratio Lower Upper
95 100
174 71.8 55.8 83.8
175 5.0 4.1 6.1

