

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101024\
 Data File : VL041651.D
 Acq On : 10 Oct 2024 20:42
 Operator : SY/MD
 Sample : CAN 10326
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Oct 11 05:44:26 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)

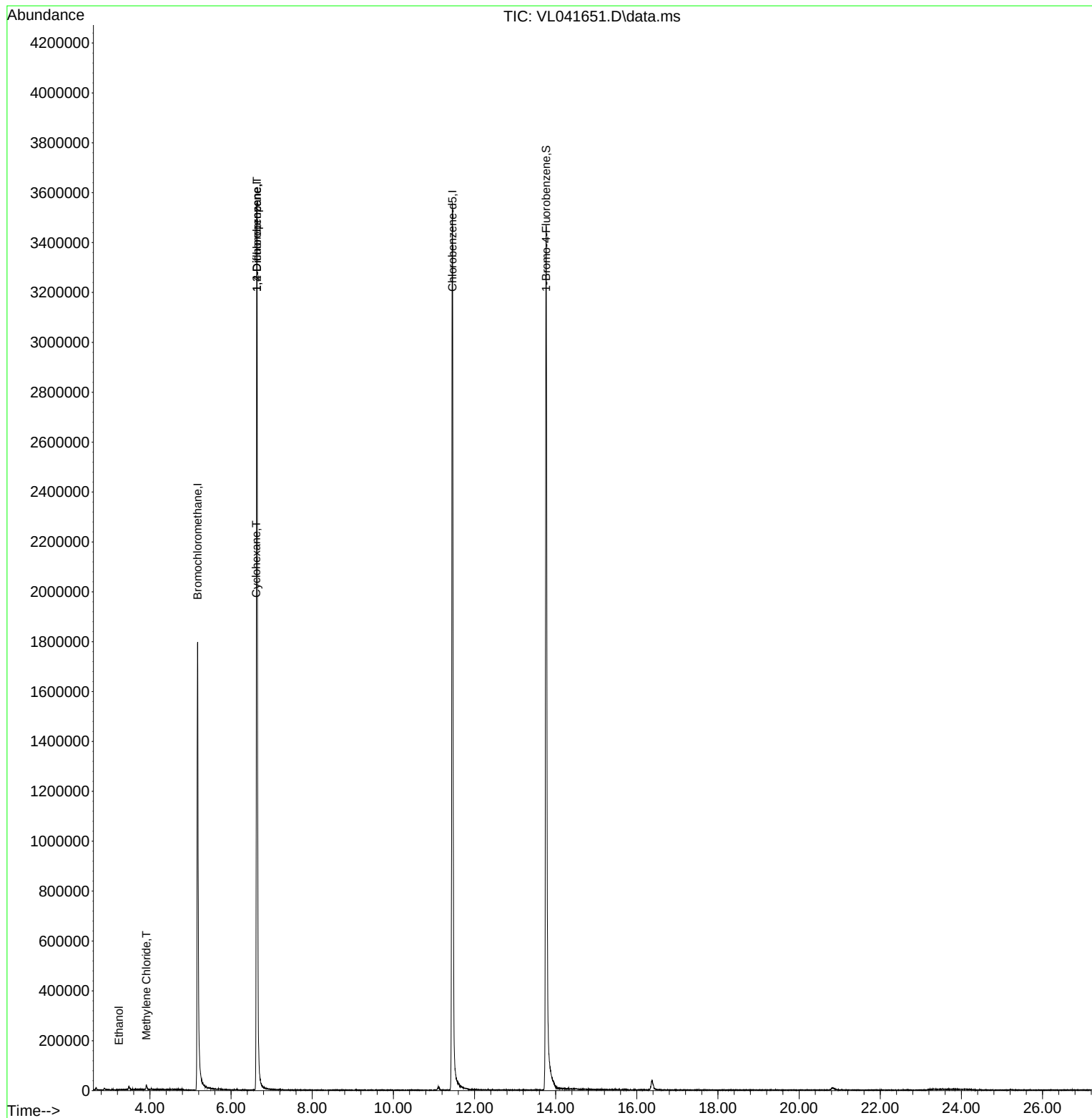
Internal Standards						
1) Bromochloromethane	5.172	49	986110	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.635	114	2615223	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.455	117	2326774	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.764	95	1724812	10.070	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.700%
Target Compounds						
					Qvalue	
13) Ethanol	3.237	45	234	0.062	ppbv #	37
20) Methylene Chloride	3.909	84	4838	0.104	ppbv #	74
30) Cyclohexane	6.623	84	2458	0.034	ppbv #	1
39) 1,2-Dichloropropane	6.635	63	646531	8.750	ppbv #	24

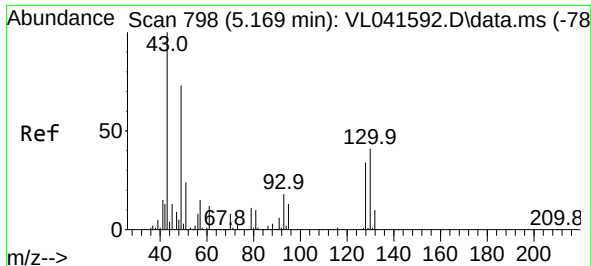
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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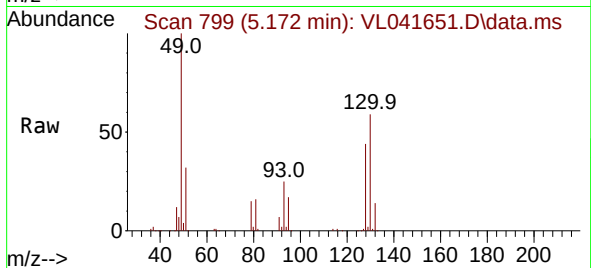
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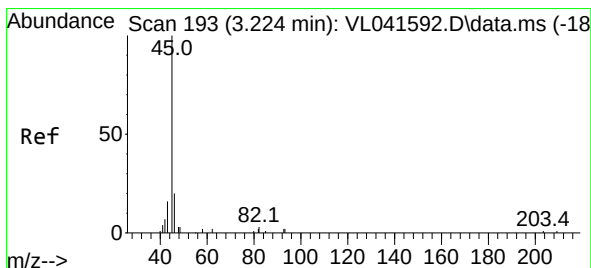
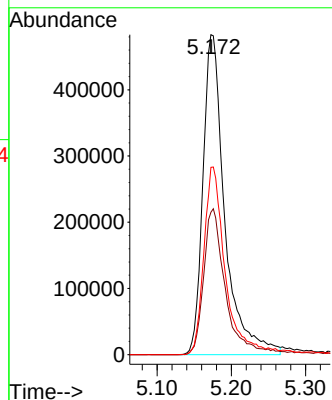
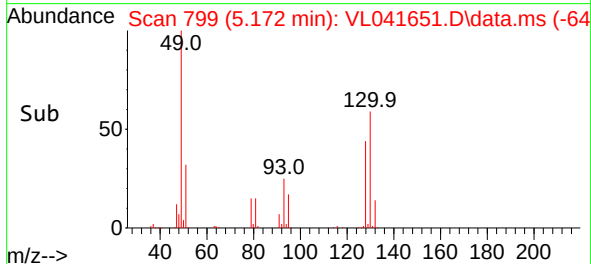


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.172 min Scan# 798
Delta R.T. 0.003 min
Lab File: VL041651.D
Acq: 10 Oct 2024 20:42

Instrument :
MSVOA_L
ClientSampleId :

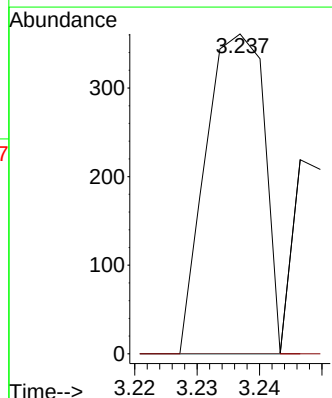
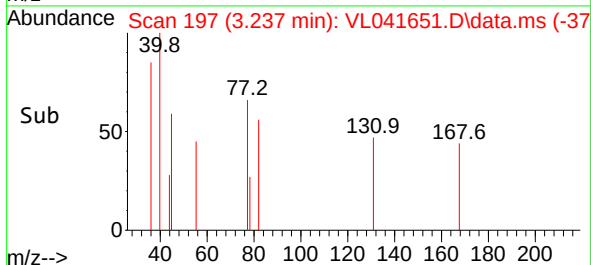
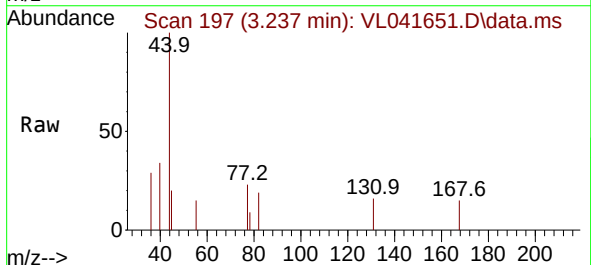


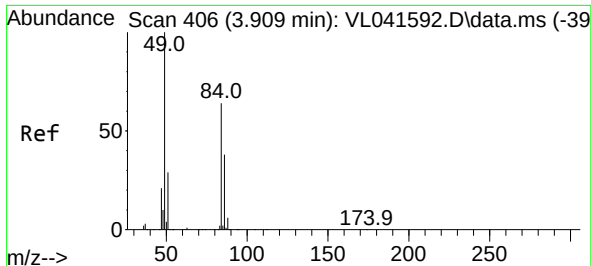
Tgt Ion: 49 Resp: 986110
Ion Ratio Lower Upper
49 100
128 46.7 23.8 71.5
130 59.5 30.4 91.3



#13
Ethanol
Concen: 0.062 ppbv
RT: 3.237 min Scan# 197
Delta R.T. 0.013 min
Lab File: VL041651.D
Acq: 10 Oct 2024 20:42

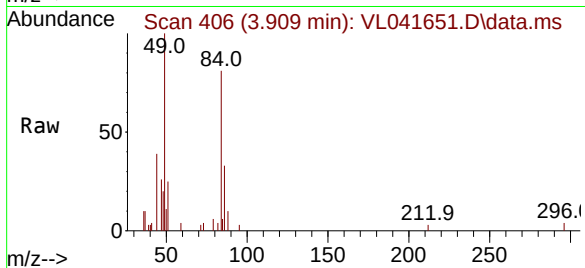
Tgt Ion: 45 Resp: 234
Ion Ratio Lower Upper
45 100
46 0.0 15.2 60.8#



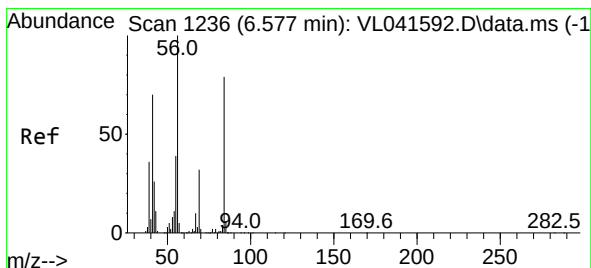
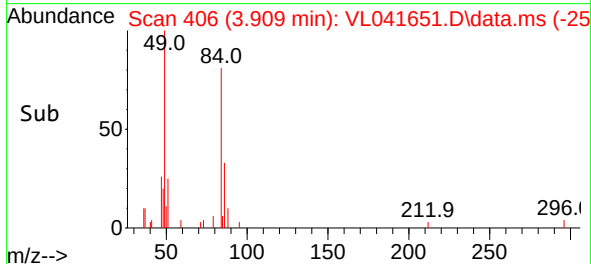
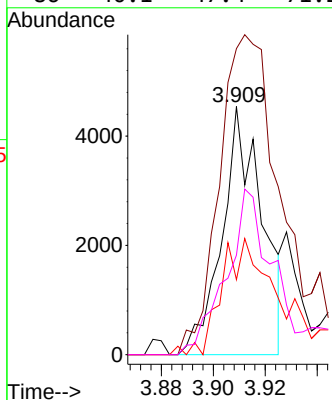


#20
Methylene Chloride
Concen: 0.104 ppbv
RT: 3.909 min Scan# 406
Delta R.T. 0.000 min
Lab File: VL041651.D
Acq: 10 Oct 2024 20:42

Instrument :
MSVOA_L
ClientSampleId :

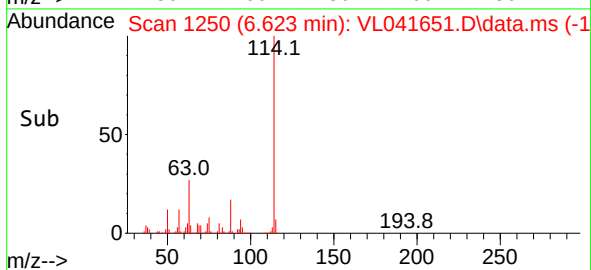
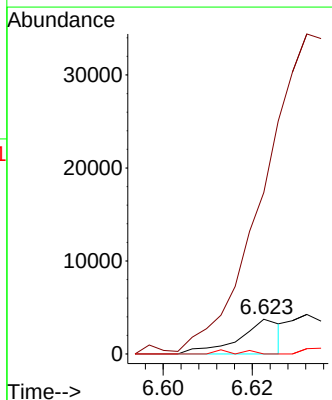
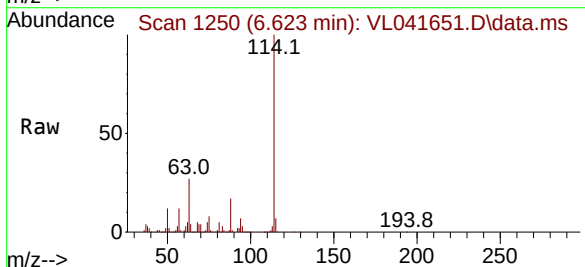


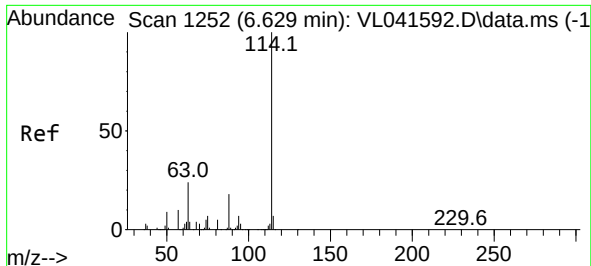
Tgt Ion:	84	Resp:	4838
Ion	Ratio	Lower	Upper
84	100		
49	123.4	124.3	186.5#
51	26.8	36.3	54.5#
86	40.1	47.4	71.2#



#30
Cyclohexane
Concen: 0.034 ppbv
RT: 6.623 min Scan# 1250
Delta R.T. 0.045 min
Lab File: VL041651.D
Acq: 10 Oct 2024 20:42

Tgt Ion:	84	Resp:	2458
Ion	Ratio	Lower	Upper
84	100		
56	0.0	111.5	167.3#
41	6.5	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: VL041651.D

Acq: 10 Oct 2024 20:42

Instrument :

MSVOA_L

ClientSampleId :

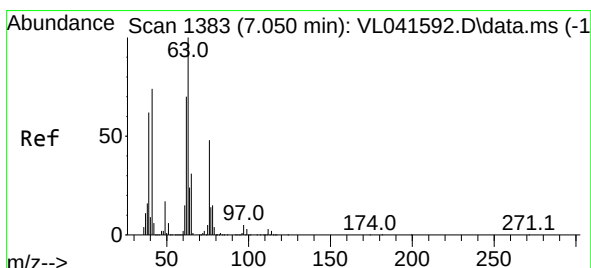
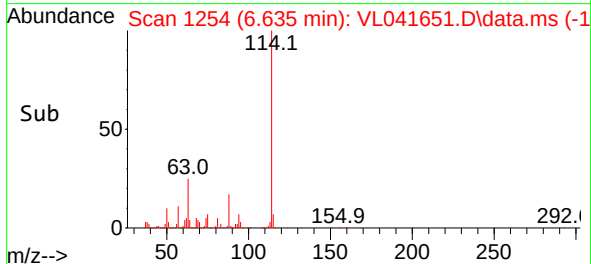
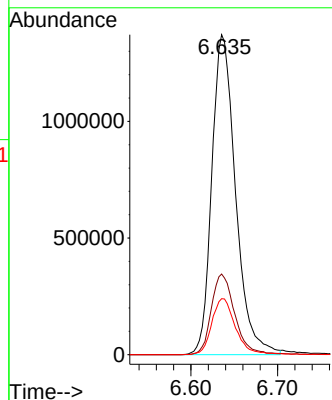
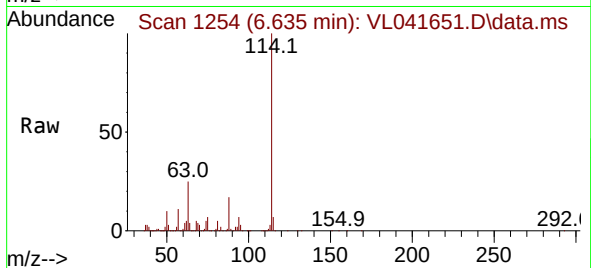
Tgt Ion:114 Resp: 2615223

Ion Ratio Lower Upper

114 100

63 25.3 20.2 30.2

88 17.7 14.2 21.4



#39

1,2-Dichloropropane

Concen: 8.750 ppbv

RT: 6.635 min Scan# 1254

Delta R.T. -0.415 min

Lab File: VL041651.D

Acq: 10 Oct 2024 20:42

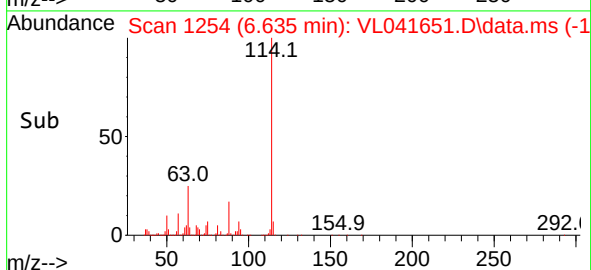
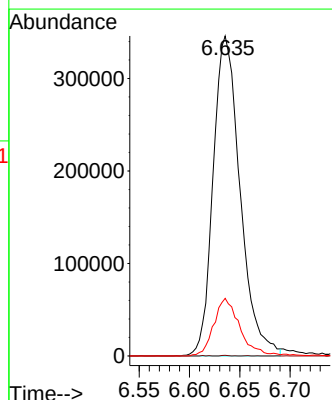
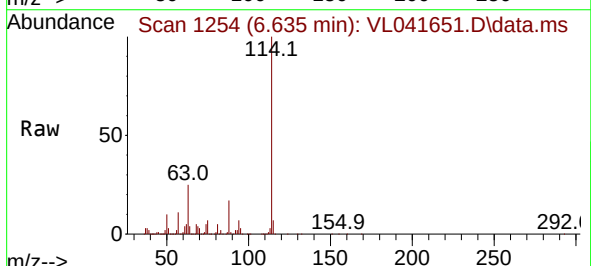
Tgt Ion: 63 Resp: 646531

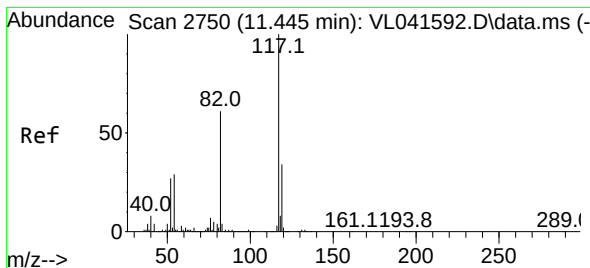
Ion Ratio Lower Upper

63 100

41 0.2 59.5 89.3#

62 18.0 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: VL041651.D

Acq: 10 Oct 2024 20:22

Instrument :

MSVOA_L

ClientSampleId :

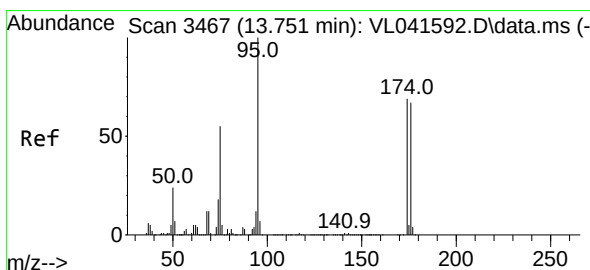
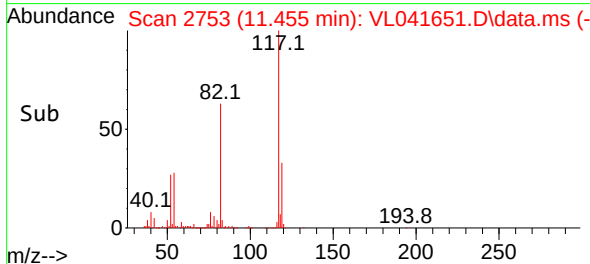
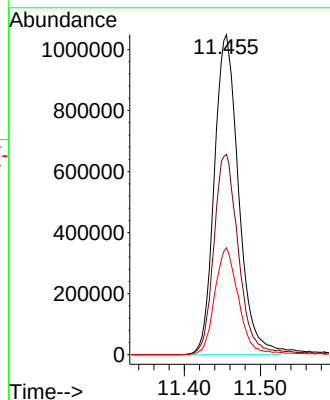
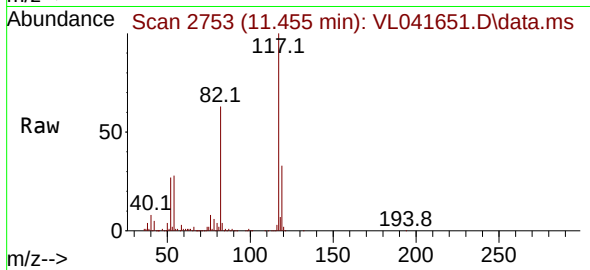
Tgt Ion:117 Resp: 2326774

Ion Ratio Lower Upper

117 100

82 64.3 49.4 74.2

119 33.3 24.4 36.6



#68

1-Bromo-4-Fluorobenzene

Concen: 10.070 ppbv

RT: 13.764 min Scan# 3471

Delta R.T. 0.013 min

Lab File: VL041651.D

Acq: 10 Oct 2024 20:42

Tgt Ion: 95 Resp: 1724812

Ion Ratio Lower Upper

95 100

174 71.1 55.8 83.8

175 4.9 4.1 6.1

