

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL020724\
 Data File : VL041035.D
 Acq On : 7 Feb 2024 11:16
 Operator : SY/MD
 Sample : VL0207ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0207ABL01

Quant Time: Feb 08 02:41:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL012324AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Feb 08 02:04:13 2024
 Response via : Initial Calibration

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

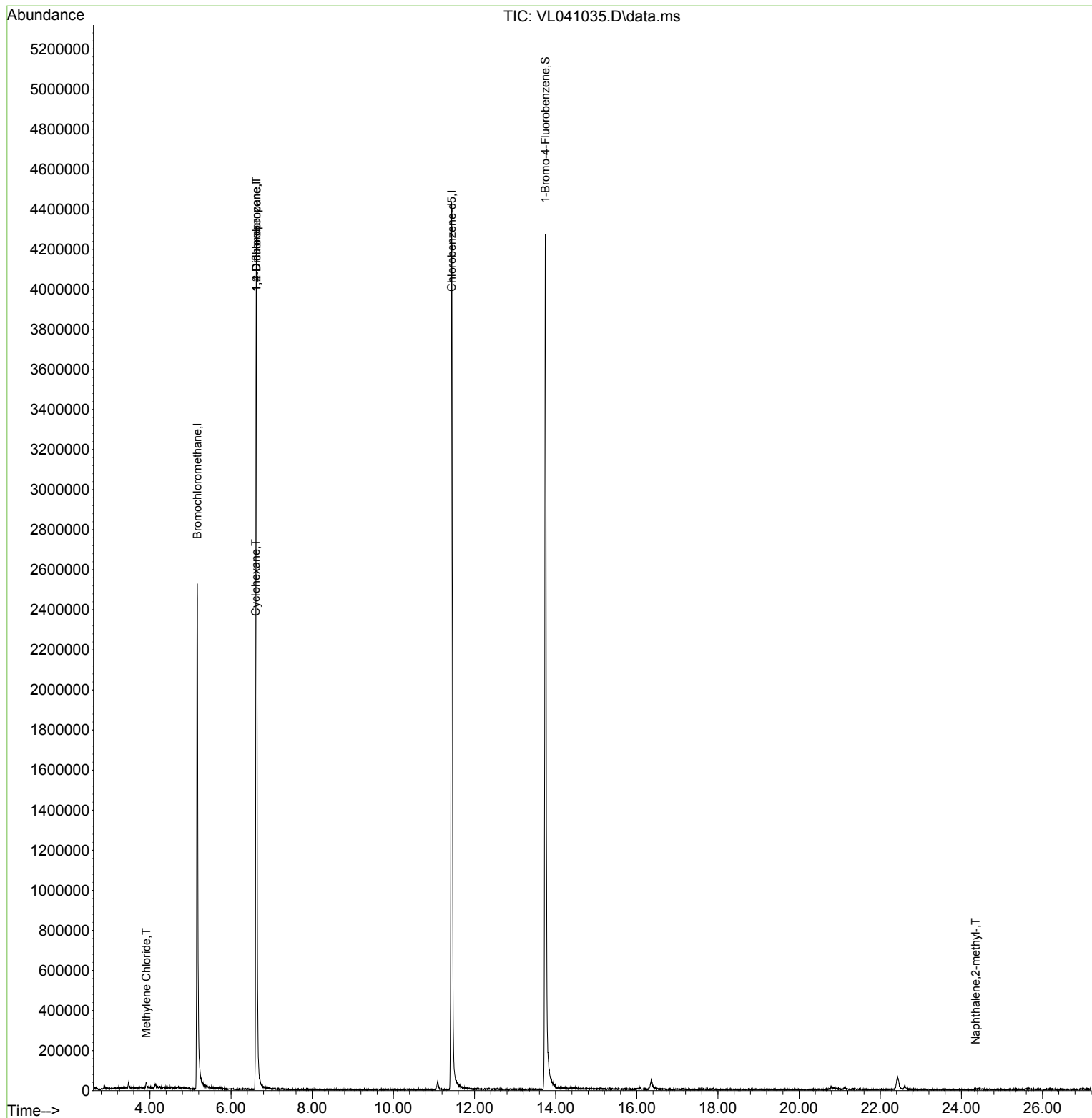
Internal Standards						
1) Bromochloromethane	5.166	49	1313224	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.626	114	3269952	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.436	117	2864802	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.745	95	2204759	10.189	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.900%
Target Compounds						
					Qvalue	
20) Methylene Chloride	3.912	84	6779	0.105	ppbv	96
30) Cyclohexane	6.610	84	4057	0.037	ppbv #	1
39) 1,2-Dichloropropane	6.626	63	834235	7.841	ppbv #	24
80) Naphthalene,2-methyl-	24.355	142	2544	0.070	ppbv #	70

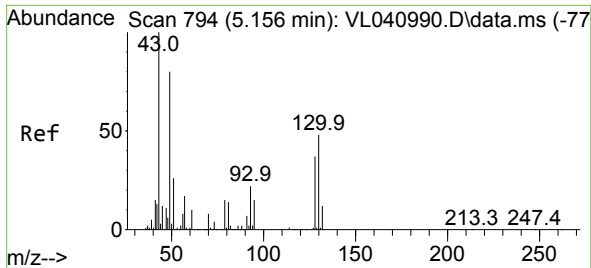
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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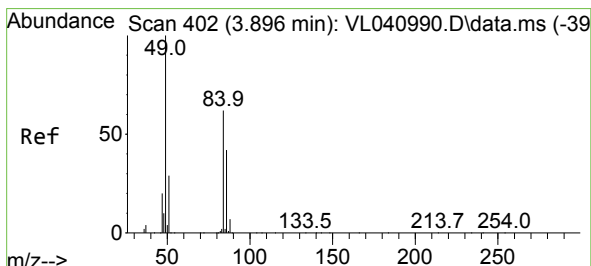
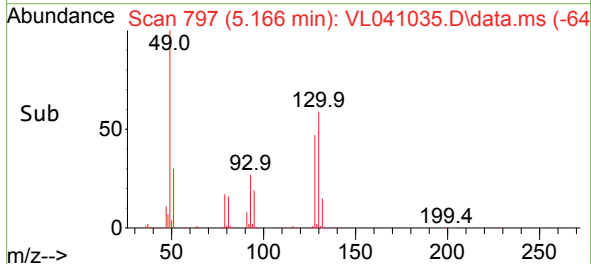
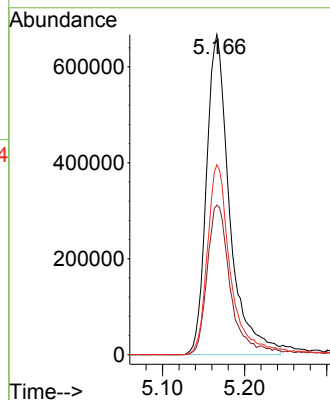
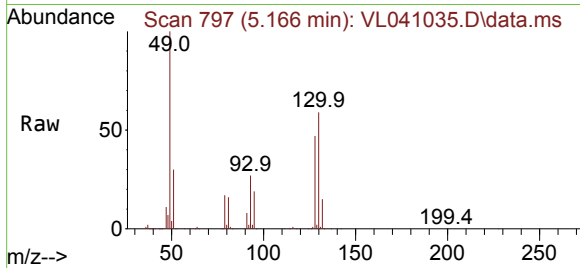




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.166 min Scan# 794
 Delta R.T. 0.000 min
 Lab File: VL041035.D
 Acq: 7 Feb 2024 11:16

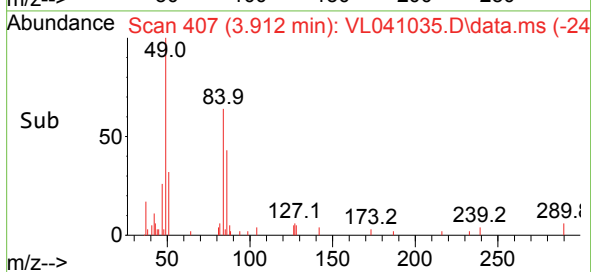
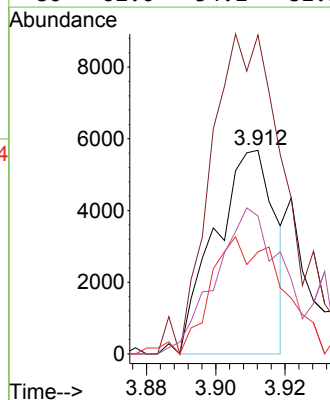
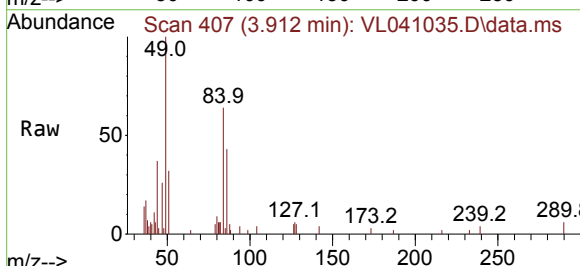
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0207ABL01

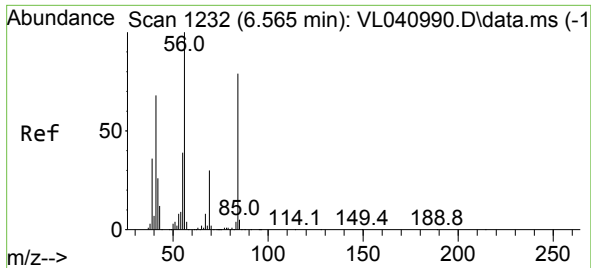
Tgt Ion: 49 Resp: 1313224
 Ion Ratio Lower Upper
 49 100
 128 48.6 23.9 71.7
 130 61.3 31.1 93.5



#20
 Methylene Chloride
 Concen: 0.105 ppbv
 RT: 3.912 min Scan# 407
 Delta R.T. 0.007 min
 Lab File: VL041035.D
 Acq: 7 Feb 2024 11:16

Tgt Ion: 84 Resp: 6779
 Ion Ratio Lower Upper
 84 100
 49 156.5 128.1 192.1
 51 50.1 36.5 54.7
 86 62.0 54.1 81.1

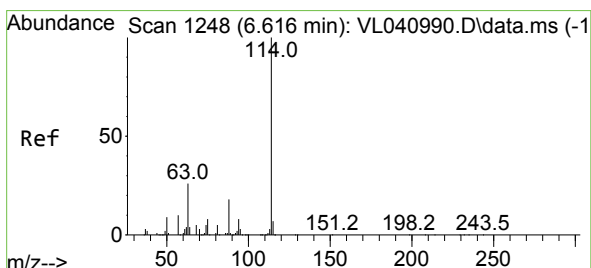
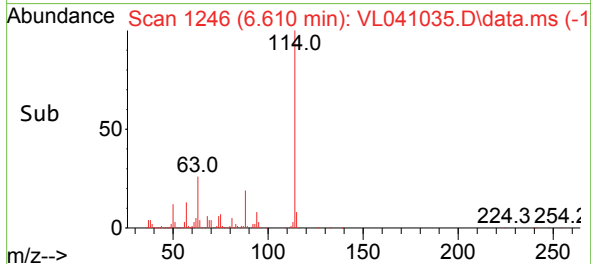
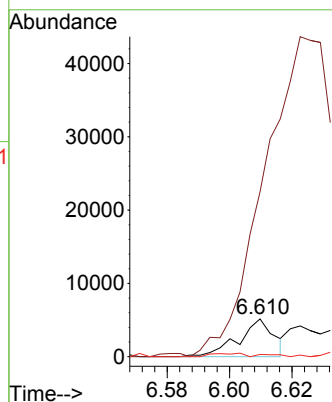
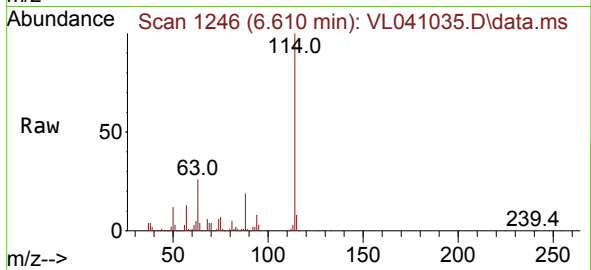




#30
Cyclohexane
Concen: 0.037 ppbv
RT: 6.610 min Scan# 11
Delta R.T. 0.036 min
Lab File: VL041035.D
Acq: 7 Feb 2024 11:16

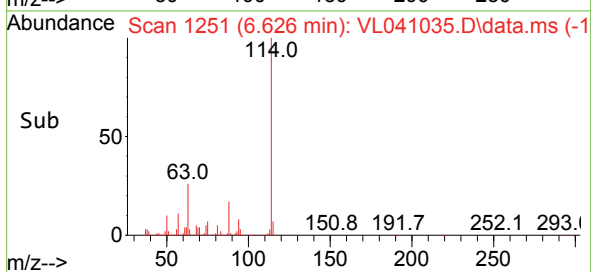
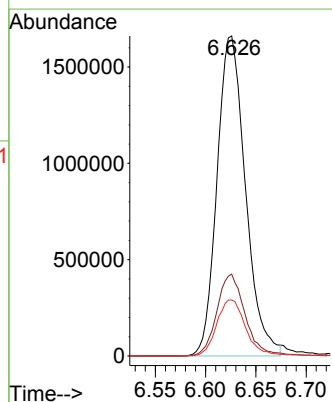
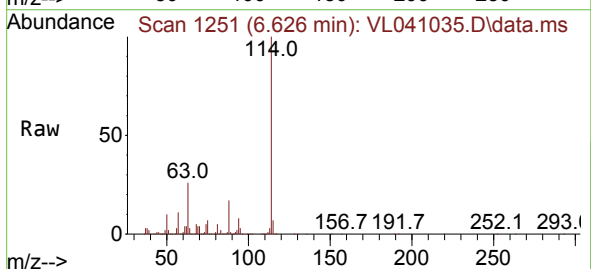
Instrument :
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VL0207ABL01

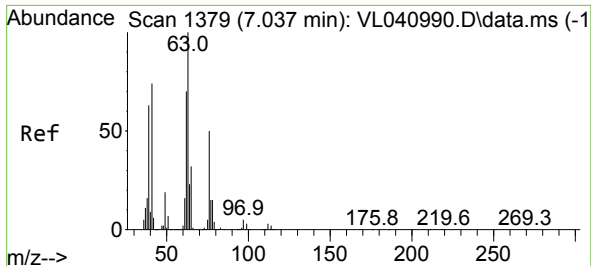
Tgt Ion: 84 Resp: 4057
Ion Ratio Lower Upper
84 100
56 0.0 111.7 167.5#
41 12.7 71.0 106.6#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.626 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VL041035.D
Acq: 7 Feb 2024 11:16

Tgt Ion: 114 Resp: 3269952
Ion Ratio Lower Upper
114 100
63 25.7 20.8 31.2
88 18.0 14.3 21.5





#39

1,2-Dichloropropane

Concen: 7.841 ppbv

RT: 6.626 min Scan# 1

Delta R.T. -0.421 min

Lab File: VL041035.D

Acq: 7 Feb 2024 11:16

Instrument :

MSVOA_L

ClientSampleId :

VL0207ABL01

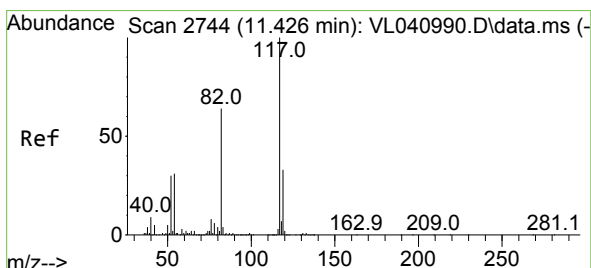
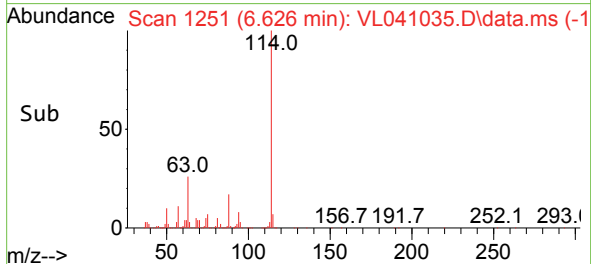
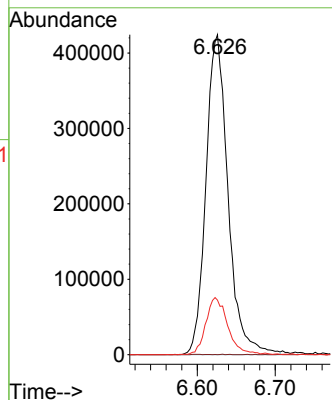
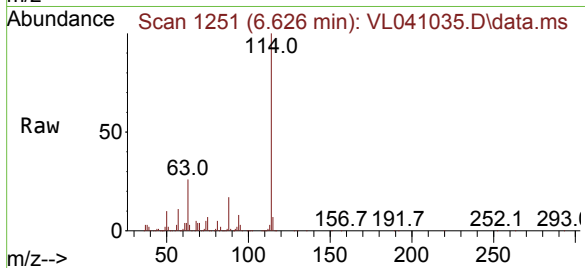
Tgt Ion: 63 Resp: 834235

Ion Ratio Lower Upper

63 100

41 0.1 59.6 89.4#

62 17.0 55.6 83.4#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.436 min Scan# 2747

Delta R.T. -0.003 min

Lab File: VL041035.D

Acq: 7 Feb 2024 11:16

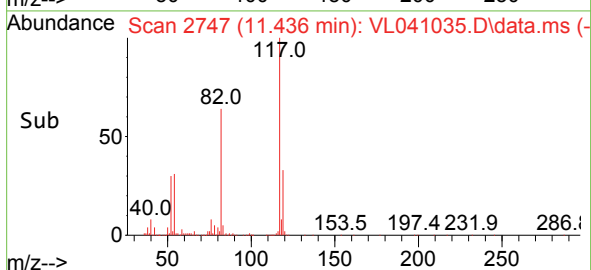
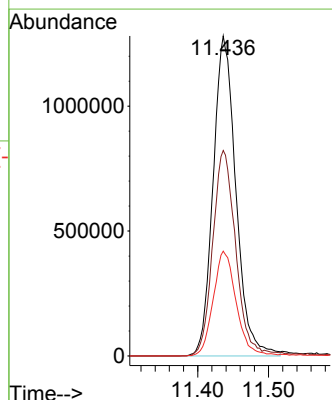
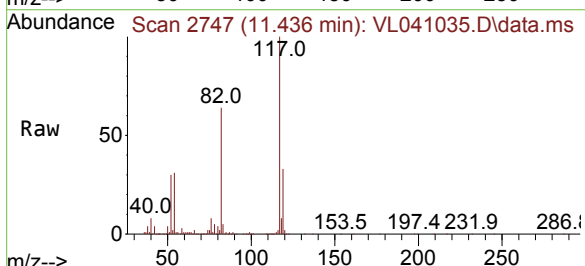
Tgt Ion: 117 Resp: 2864802

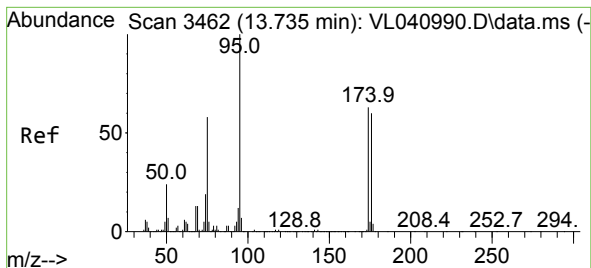
Ion Ratio Lower Upper

117 100

82 66.1 51.7 77.5

119 33.5 23.8 35.6

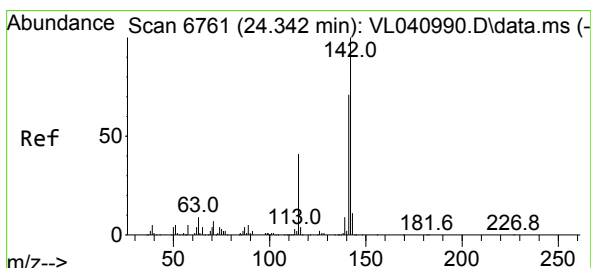
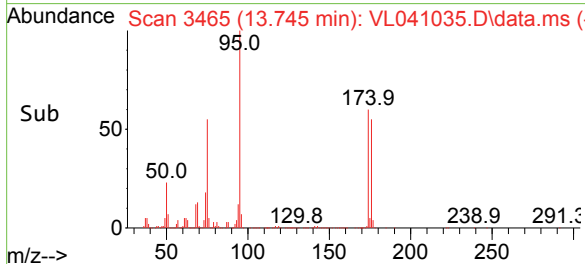
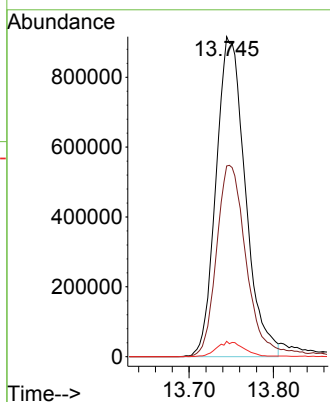
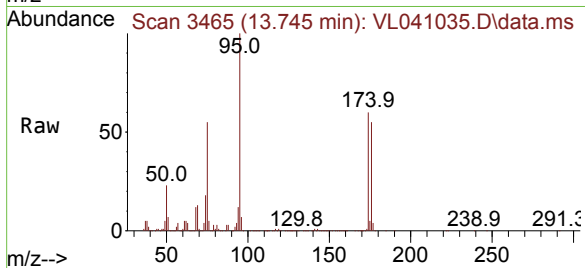




#68
1-Bromo-4-Fluorobenzene
Concen: 10.189 ppbv
RT: 13.745 min Scan# 3462
Delta R.T. -0.003 min
Lab File: VL041035.D
Acq: 7 Feb 2024 11:16

Instrument :
MSVOA_L
ClientSampleId :
VL0207ABL01

Tgt Ion: 95 Resp: 2204759
Ion Ratio Lower Upper
95 100
174 62.8 49.1 73.7
175 4.6 3.7 5.5



#80
Naphthalene,2-methyl-
Concen: 0.070 ppbv
RT: 24.355 min Scan# 6765
Delta R.T. 0.003 min
Lab File: VL041035.D
Acq: 7 Feb 2024 11:16

Tgt Ion:142 Resp: 2544
Ion Ratio Lower Upper
142 100
141 57.5 62.7 94.1#
115 15.6 34.0 51.0#

