

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040824\
 Data File : VL041145.D
 Acq On : 8 Apr 2024 11:22
 Operator : SY/MD
 Sample : VL0408ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0408ABL01

Quant Time: Apr 09 01:11:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL040424AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Apr 09 01:10:08 2024
 Response via : Initial Calibration

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

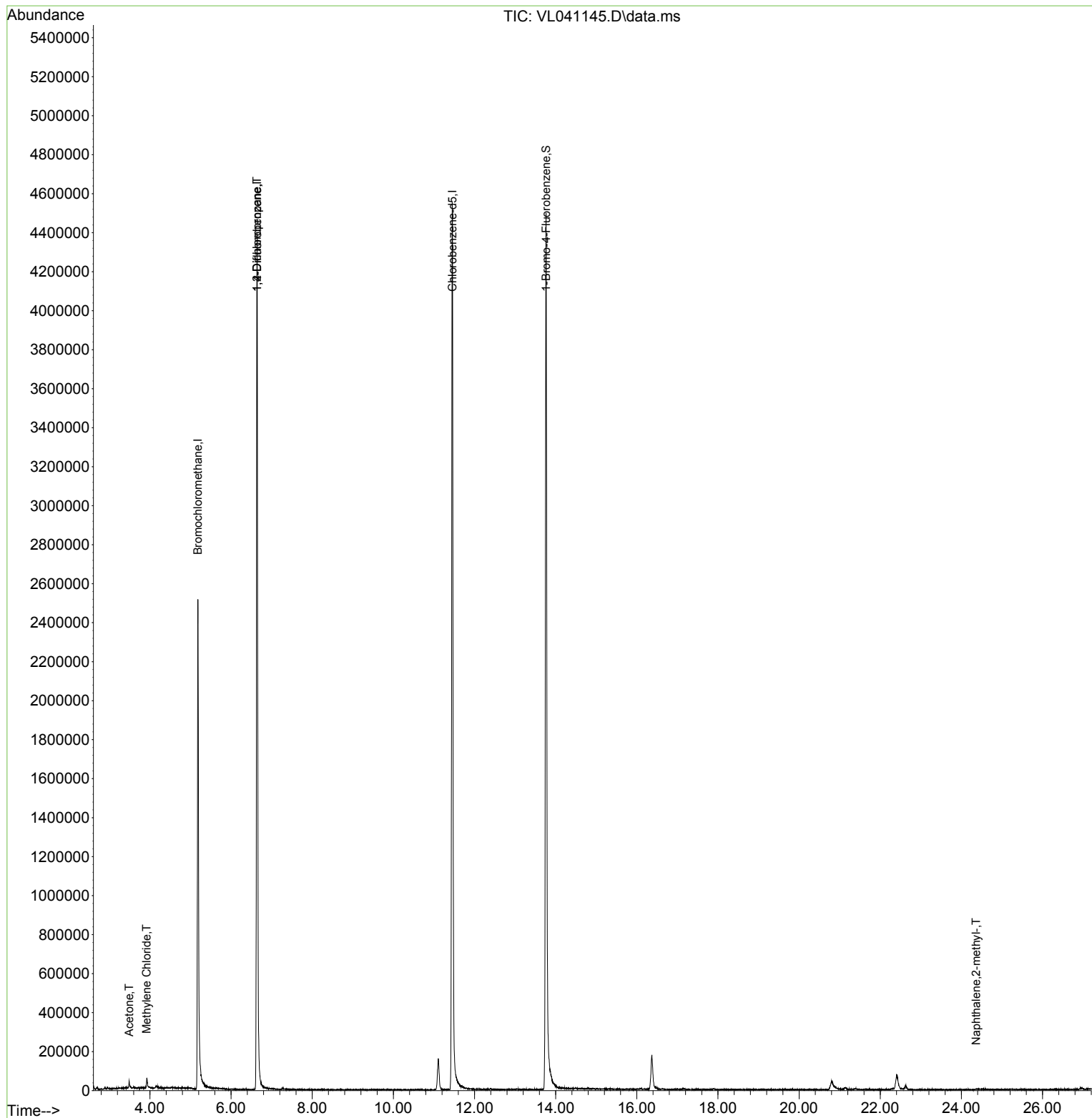
Internal Standards						
1) Bromochloromethane	5.182	49	1280924	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.642	114	3474072	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.452	117	3106042	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.764	95	2373103	9.501	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.000%
Target Compounds						
					Qvalue	
15) Acetone	3.488	43	32403	0.234	ppbv #	83
20) Methylene Chloride	3.922	84	14024	0.245	ppbv	97
39) 1,2-Dichloropropane	6.639	63	855651	8.506	ppbv #	24
80) Naphthalene,2-methyl-	24.365	142	3043	0.074	ppbv #	65

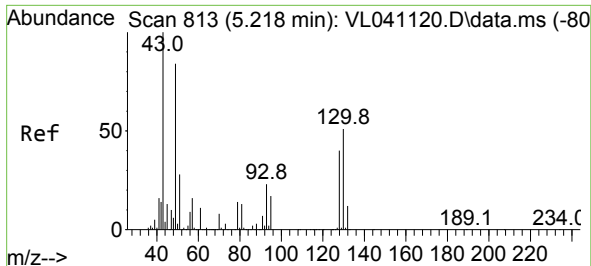
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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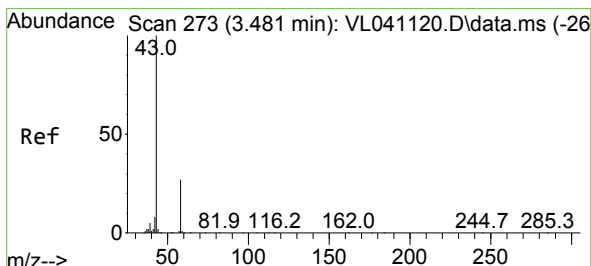
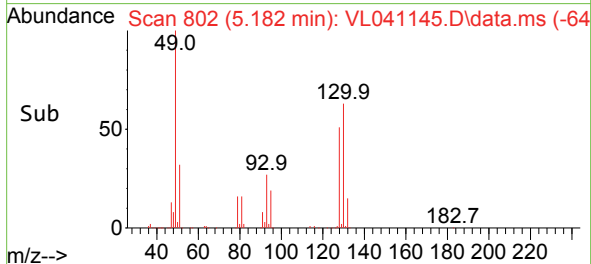
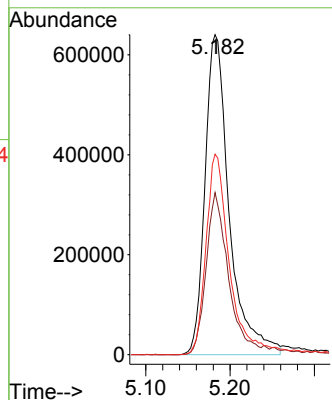
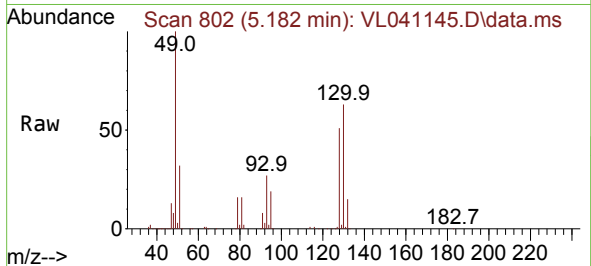




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.182 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL041145.D
Acq: 8 Apr 2024 11:22

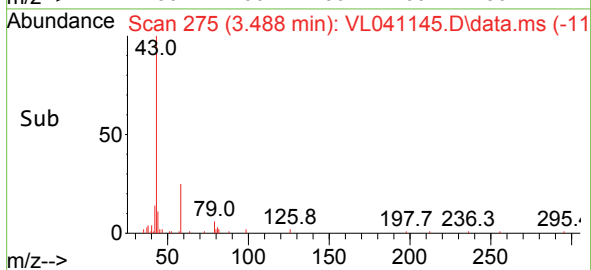
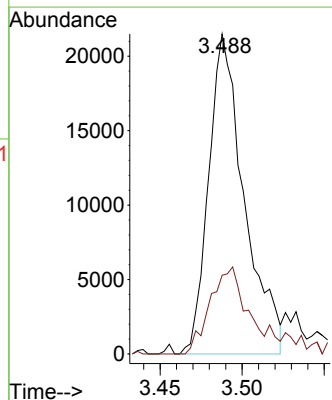
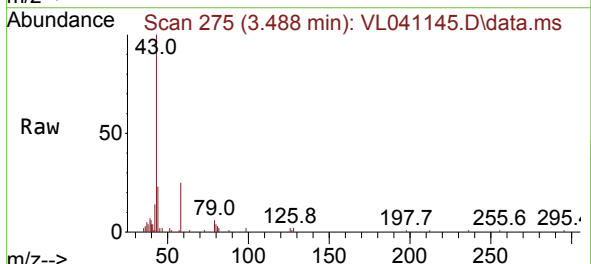
Instrument :
MSVOA_L
ClientSampleId :
VL0408ABL01

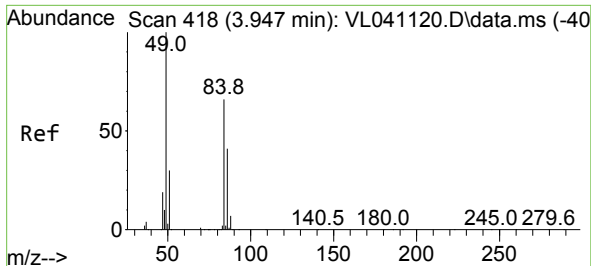
Tgt Ion: 49 Resp: 1280924
Ion Ratio Lower Upper
49 100
128 50.0 23.6 71.0
130 63.4 30.1 90.5



#15
Acetone
Concen: 0.234 ppbv
RT: 3.488 min Scan# 275
Delta R.T. 0.032 min
Lab File: VL041145.D
Acq: 8 Apr 2024 11:22

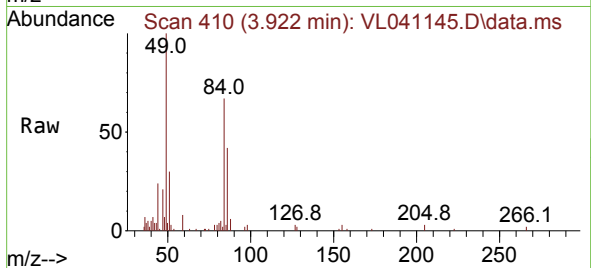
Tgt Ion: 43 Resp: 32403
Ion Ratio Lower Upper
43 100
58 35.0 21.1 31.7#





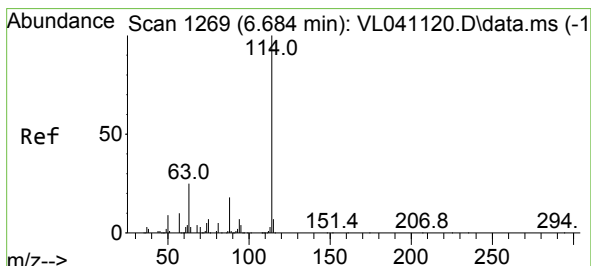
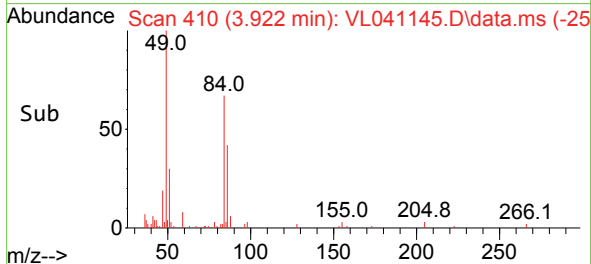
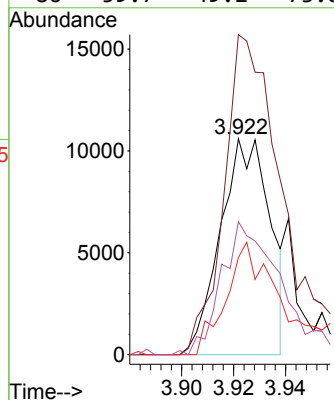
#20
Methylene Chloride
Concen: 0.245 ppbv
RT: 3.922 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL041145.D
Acq: 8 Apr 2024 11:22

Instrument :
MSVOA_L
ClientSampleId :
VL0408ABL01



Tgt Ion: 84 Resp: 14024

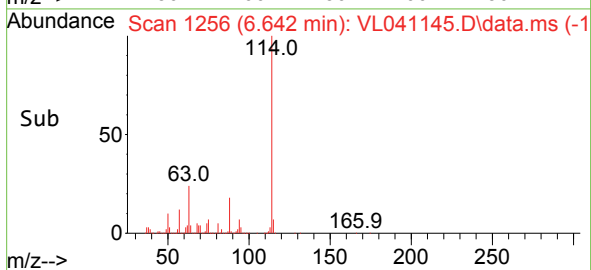
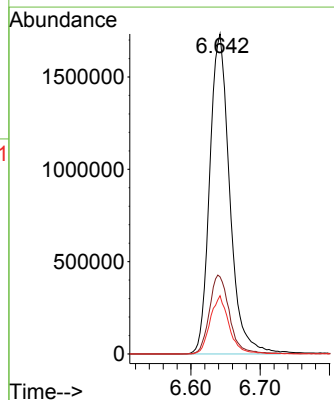
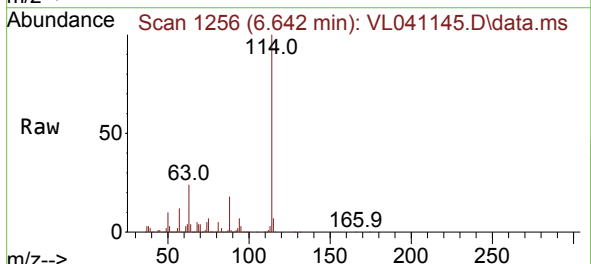
Ion	Ratio	Lower	Upper
84	100		
49	154.8	120.7	181.1
51	45.1	36.6	54.8
86	59.7	49.2	73.8

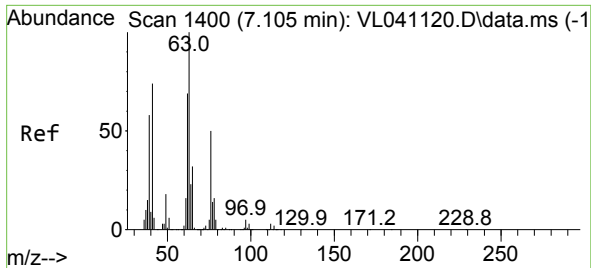


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.642 min Scan# 1256
Delta R.T. 0.003 min
Lab File: VL041145.D
Acq: 8 Apr 2024 11:22

Tgt Ion: 114 Resp: 3474072

Ion	Ratio	Lower	Upper
114	100		
63	24.8	20.9	31.3
88	17.4	14.5	21.7





#39

1,2-Dichloropropane

Concen: 8.506 ppbv

RT: 6.639 min Scan# 1

Delta R.T. -0.421 min

Lab File: VL041145.D

Acq: 8 Apr 2024 11:22

Instrument :

MSVOA_L

ClientSampleId :

VL0408ABL01

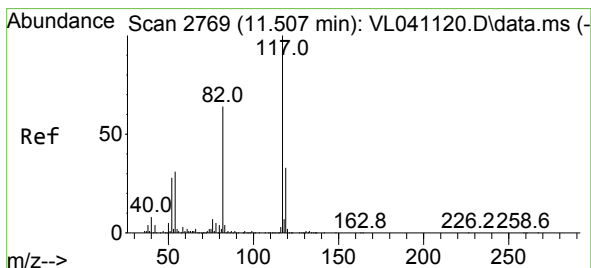
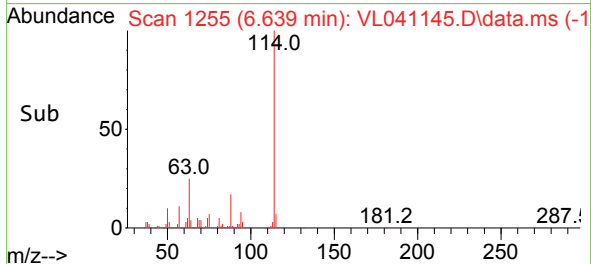
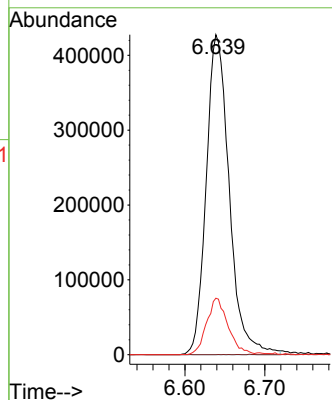
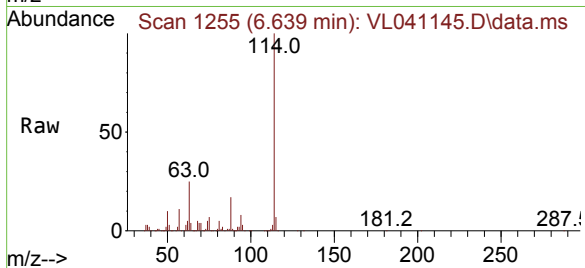
Tgt Ion: 63 Resp: 855651

Ion Ratio Lower Upper

63 100

41 0.0 58.7 88.1#

62 17.7 55.5 83.3#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.452 min Scan# 2752

Delta R.T. -0.000 min

Lab File: VL041145.D

Acq: 8 Apr 2024 11:22

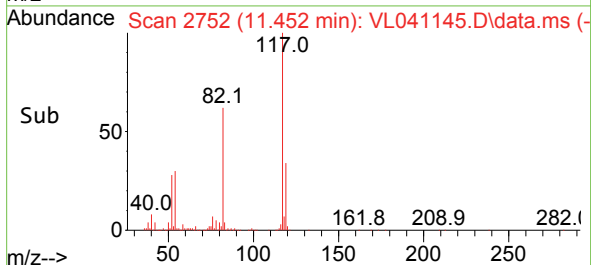
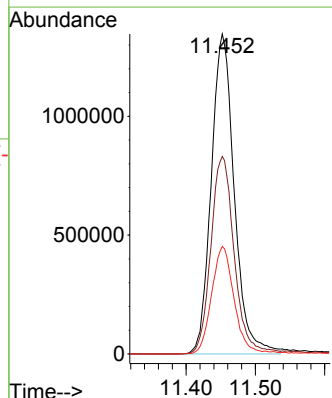
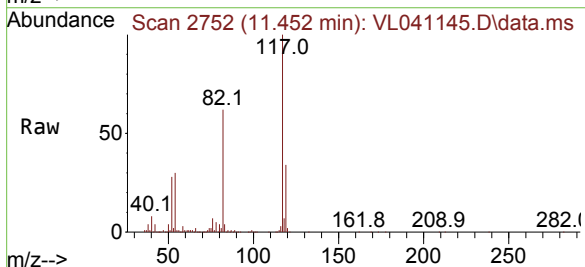
Tgt Ion: 117 Resp: 3106042

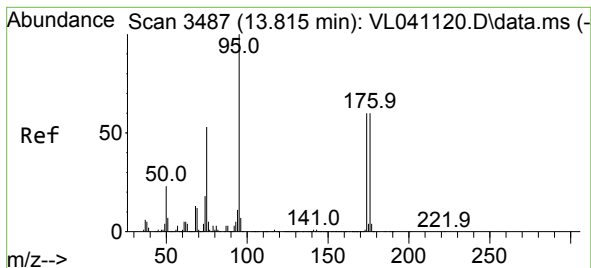
Ion Ratio Lower Upper

117 100

82 64.2 51.0 76.6

119 33.2 25.2 37.8

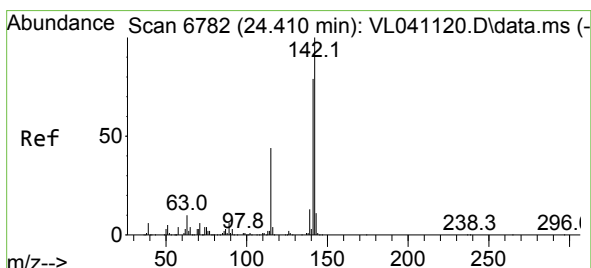
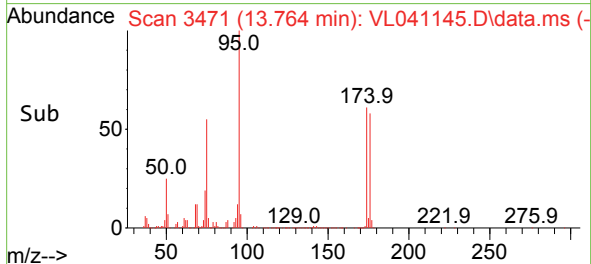
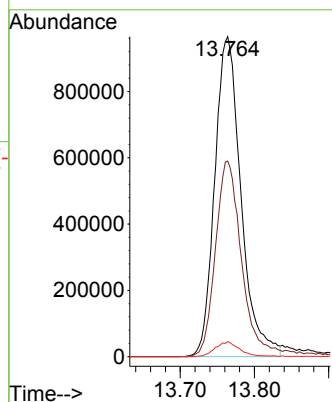
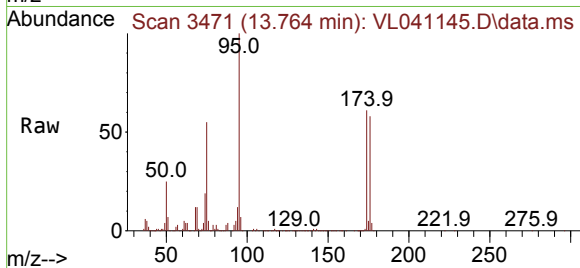




#68
1-Bromo-4-Fluorobenzene
Concen: 9.501 ppbv
RT: 13.764 min Scan# 3487
Delta R.T. 0.003 min
Lab File: VL041145.D
Acq: 8 Apr 2024 11:22

Instrument :
MSVOA_L
ClientSampleId :
VL0408ABL01

Tgt Ion: 95 Resp: 2373103
Ion Ratio Lower Upper
95 100
174 63.5 49.3 73.9
175 4.5 3.6 5.4



#80
Naphthalene,2-methyl-
Concen: 0.074 ppbv
RT: 24.365 min Scan# 6768
Delta R.T. -0.000 min
Lab File: VL041145.D
Acq: 8 Apr 2024 11:22

Tgt Ion:142 Resp: 3043
Ion Ratio Lower Upper
142 100
141 117.2 64.4 96.6#
115 57.0 33.5 50.3#

