

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL070124\
 Data File : VL041375.D
 Acq On : 1 Jul 2024 19:52
 Operator : SY/MD
 Sample : CAN 10060
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jul 01 23:33:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL062624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Jul 01 23:27:24 2024
 Response via : Initial Calibration

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

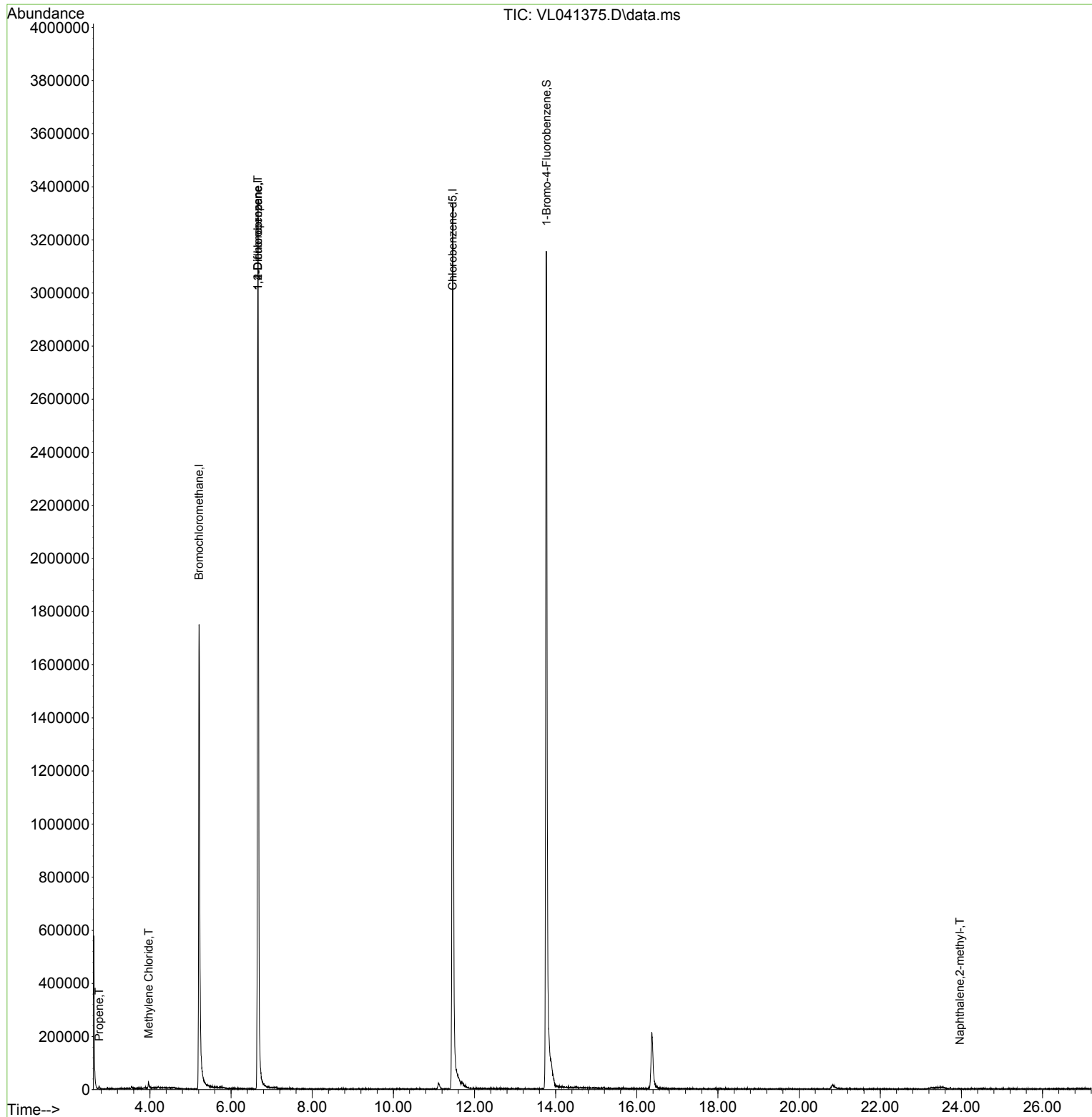
Internal Standards						
1) Bromochloromethane	5.211	49	945042	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.664	114	2592288	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	2241726	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.773	95	1700956	10.124	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.200%
Target Compounds						
					Qvalue	
9) Propene	2.748	41	3252	0.058	ppbv	94
20) Methylene Chloride	3.967	84	4223	0.093	ppbv #	92
39) 1,2-Dichloropropane	6.664	63	631295	7.615	ppbv #	22
80) Naphthalene,2-methyl-	23.966	142	51	0.128	ppbv #	1

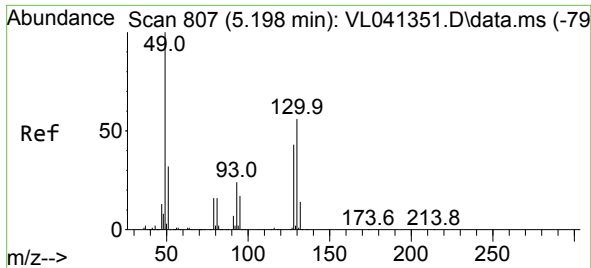
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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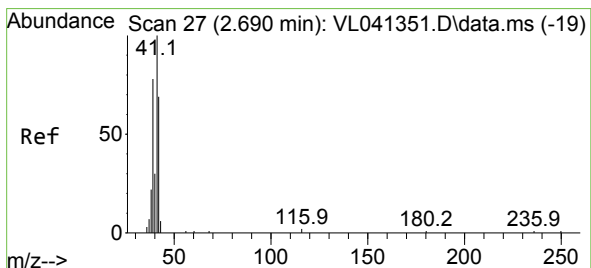
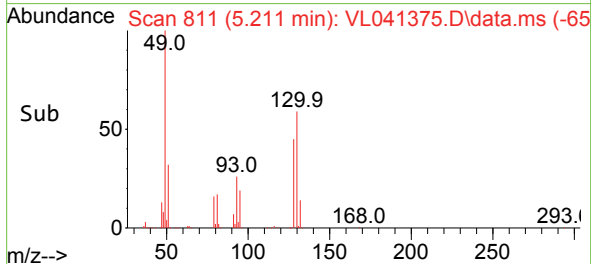
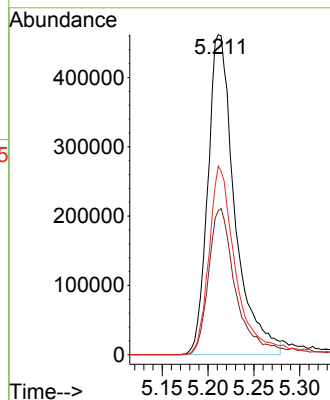
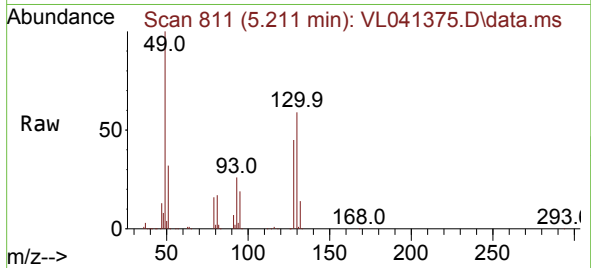




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.211 min Scan# 81
 Delta R.T. -0.007 min
 Lab File: VL041375.D
 Acq: 1 Jul 2024 19:52

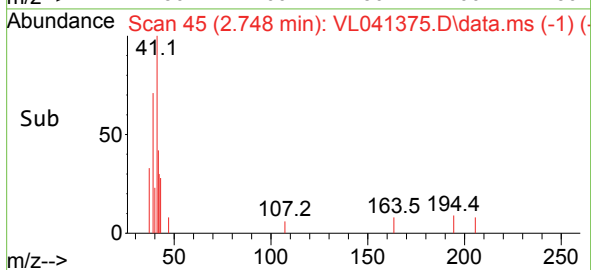
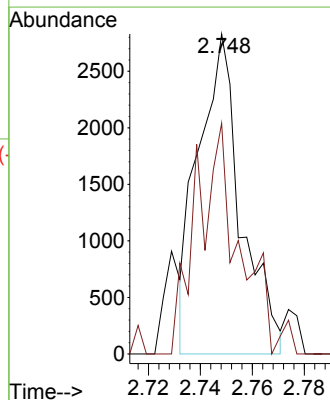
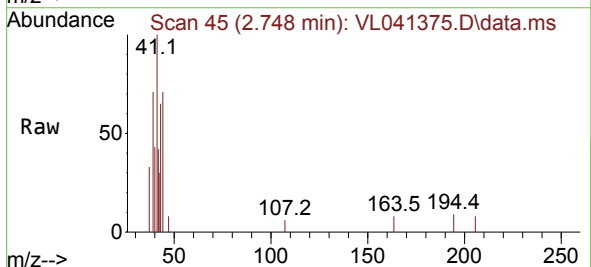
Instrument :
 MSVOA_L
 ClientSampleId :

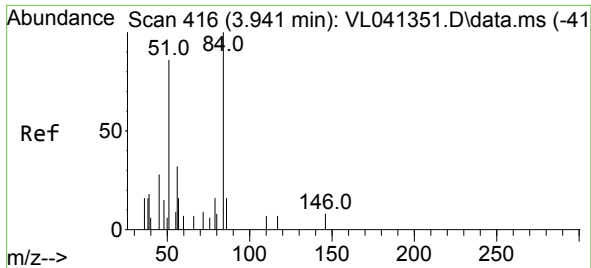
Tgt Ion: 49 Resp: 945042
 Ion Ratio Lower Upper
 49 100
 128 48.5 22.8 68.3
 130 60.8 28.9 86.7



#9
 Propene
 Concen: 0.058 ppbv
 RT: 2.748 min Scan# 45
 Delta R.T. 0.013 min
 Lab File: VL041375.D
 Acq: 1 Jul 2024 19:52

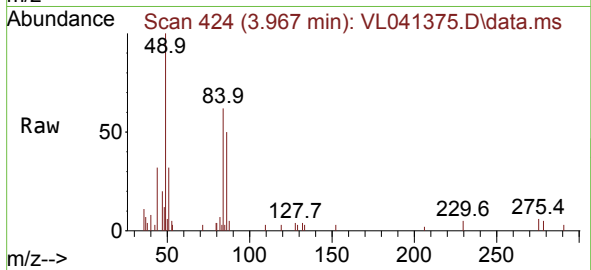
Tgt Ion: 41 Resp: 3252
 Ion Ratio Lower Upper
 41 100
 42 74.5 55.8 83.8



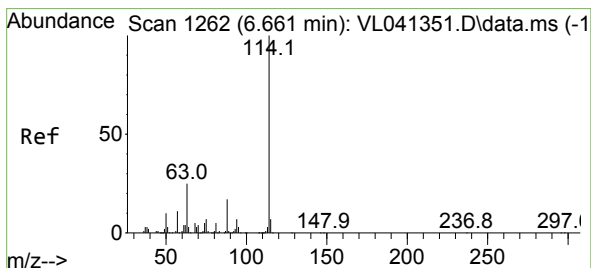
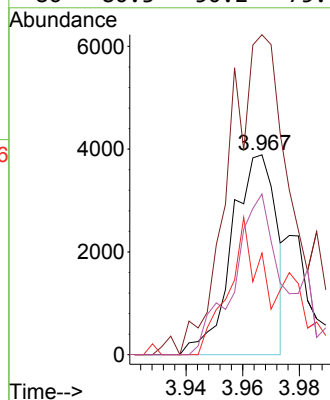
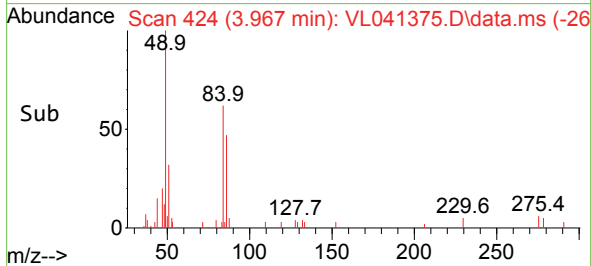


#20
Methylene Chloride
Concen: 0.093 ppbv
RT: 3.967 min Scan# 416
Delta R.T. 0.003 min
Lab File: VL041375.D
Acq: 1 Jul 2024 19:52

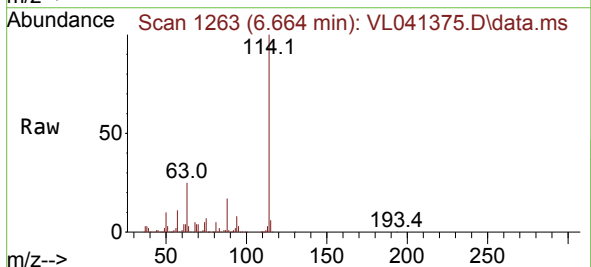
Instrument :
MSVOA_L
ClientSampleId :



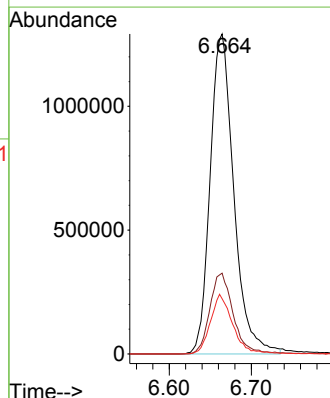
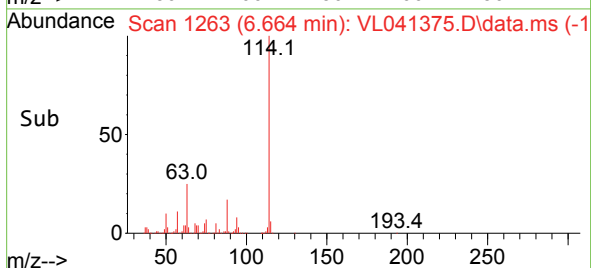
Tgt Ion: 84 Resp: 4223
Ion Ratio Lower Upper
84 100
49 160.1 131.8 197.6
51 50.8 39.6 59.4
86 80.3 50.2 75.4#

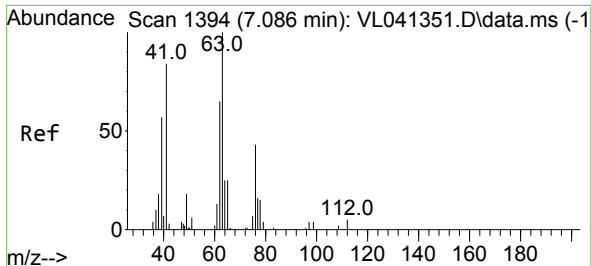


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.664 min Scan# 1263
Delta R.T. -0.006 min
Lab File: VL041375.D
Acq: 1 Jul 2024 19:52



Tgt Ion: 114 Resp: 2592288
Ion Ratio Lower Upper
114 100
63 25.3 20.6 31.0
88 17.6 14.6 21.8





#39

1,2-Dichloropropane

Concen: 7.615 ppbv

RT: 6.664 min Scan# 11

Delta R.T. -0.424 min

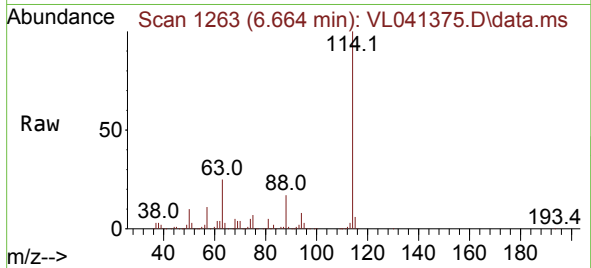
Lab File: VL041375.D

Acq: 1 Jul 2024 19:52

Instrument :

MSVOA_L

ClientSampleId :



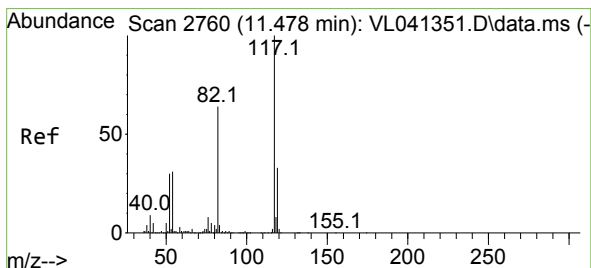
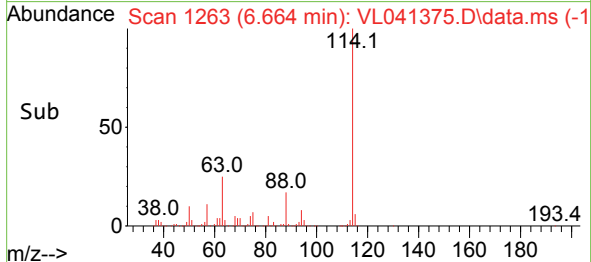
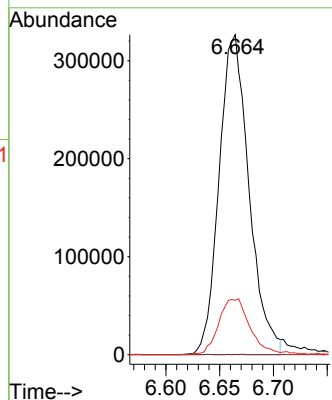
Tgt Ion: 63 Resp: 631295

Ion Ratio Lower Upper

63 100

41 0.1 64.0 96.0#

62 17.0 55.2 82.8#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.462 min Scan# 2755

Delta R.T. -0.010 min

Lab File: VL041375.D

Acq: 1 Jul 2024 19:52

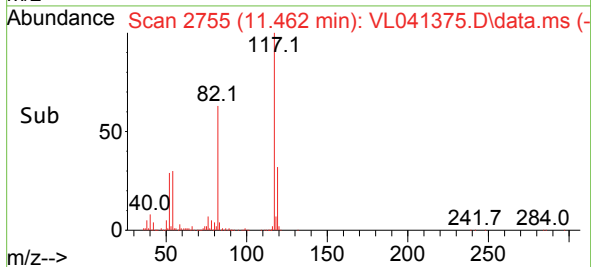
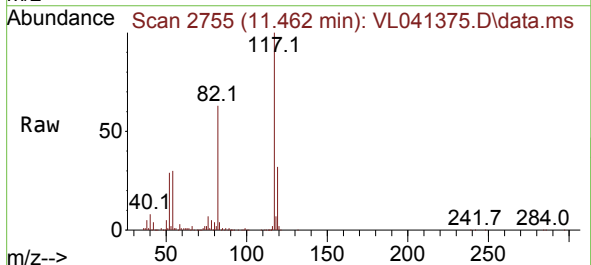
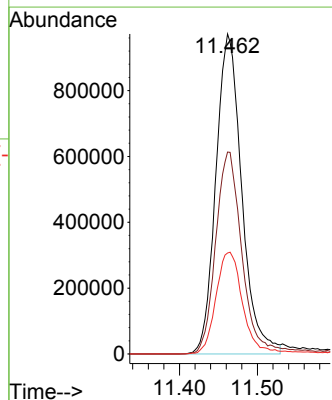
Tgt Ion: 117 Resp: 2241726

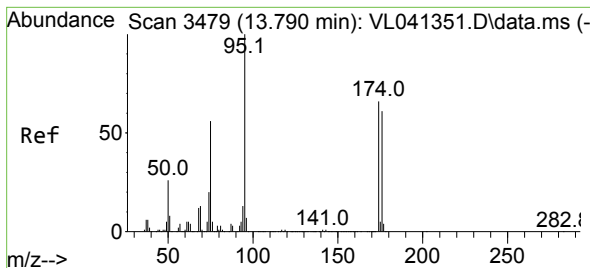
Ion Ratio Lower Upper

117 100

82 66.3 50.6 75.8

119 33.5 24.7 37.1

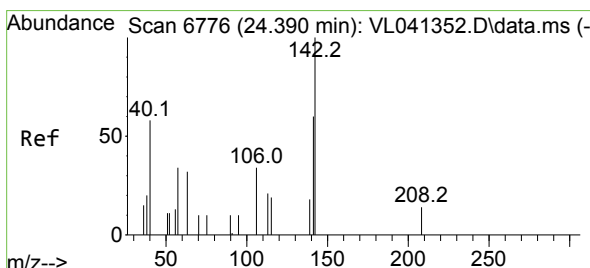
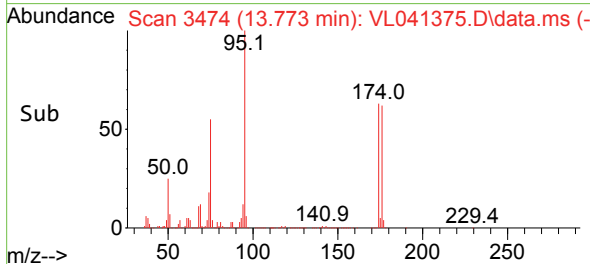
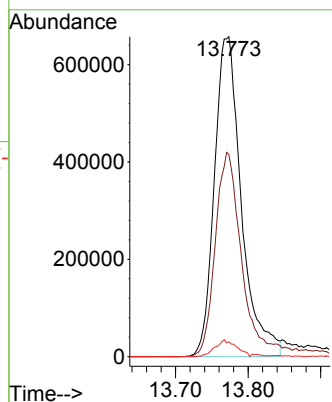
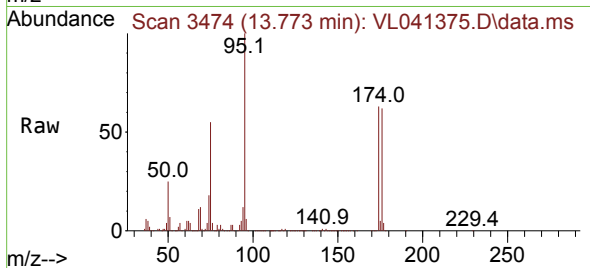




#68
1-Bromo-4-Fluorobenzene
Concen: 10.124 ppbv
RT: 13.773 min Scan# 3479
Delta R.T. -0.003 min
Lab File: VL041375.D
Acq: 1 Jul 2024 19:52

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 95 Resp: 1700956
Ion Ratio Lower Upper
95 100
174 66.4 53.1 79.7
175 4.8 4.0 6.0



#80
Naphthalene,2-methyl-
Concen: 0.128 ppbv
RT: 23.966 min Scan# 6644
Delta R.T. -0.405 min
Lab File: VL041375.D
Acq: 1 Jul 2024 19:52

Tgt Ion:142 Resp: 51
Ion Ratio Lower Upper
142 100
141 76.5 37.9 56.9#
115 145.1 11.0 16.4#

