

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091824\
 Data File : VL041602.D
 Acq On : 18 Sep 2024 9:36
 Operator : SY/MD
 Sample : VL0918ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Sep 19 01:29:04 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)

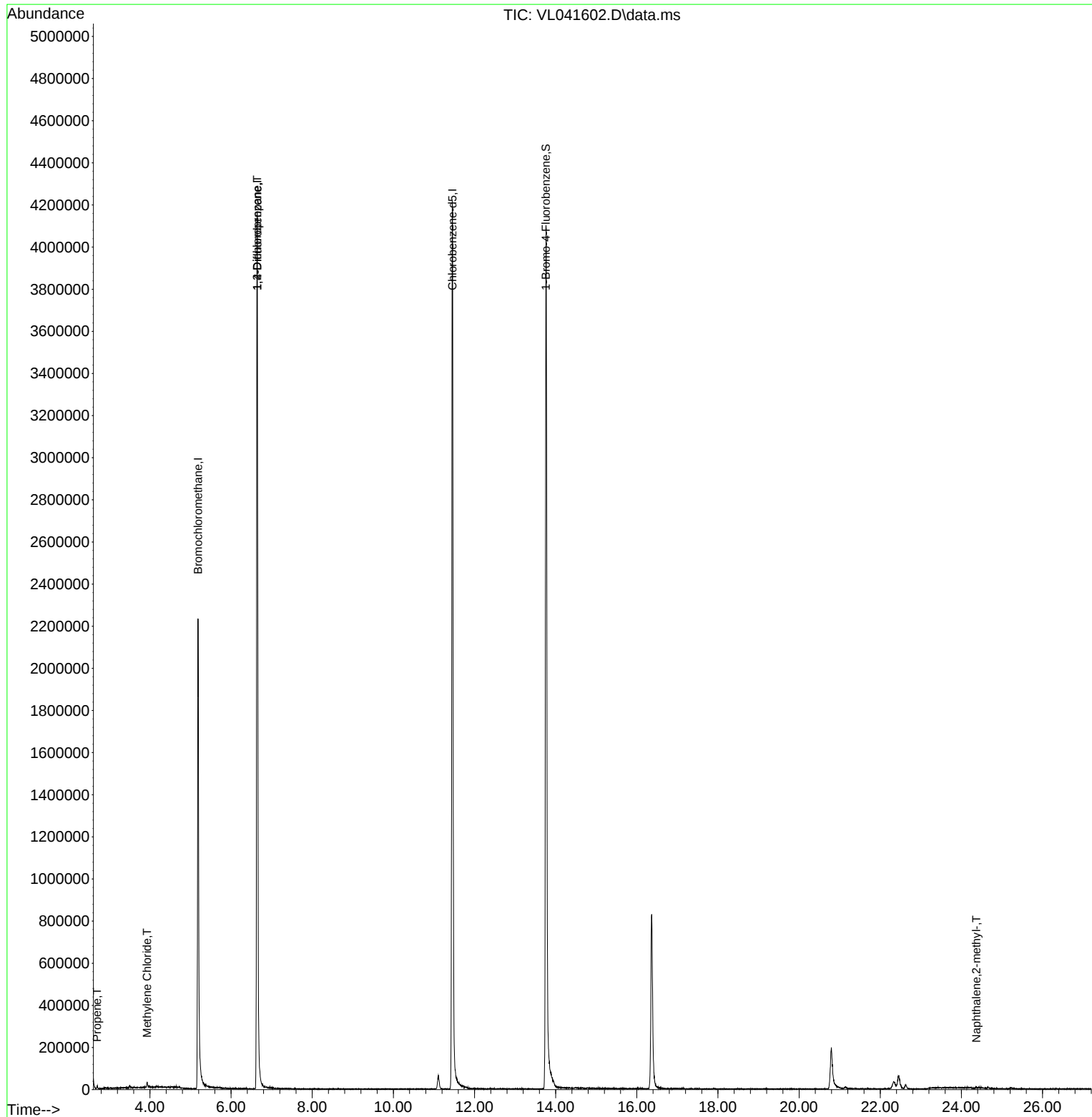
Internal Standards						
1) Bromochloromethane	5.185	49	1177899	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.645	114	3241896	10.000	ppbv	0.02
55) Chlorobenzene-d5	11.452	117	2826139	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.761	95	2076380	9.981	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.800%
Target Compounds						
					Qvalue	
9) Propene	2.697	41	4417	0.073	ppbv	100
20) Methylene Chloride	3.932	84	4963	0.089	ppbv #	76
39) 1,2-Dichloropropane	6.642	63	793233	8.660	ppbv #	23
80) Naphthalene,2-methyl-	24.368	142	5821	0.036	ppbv	86

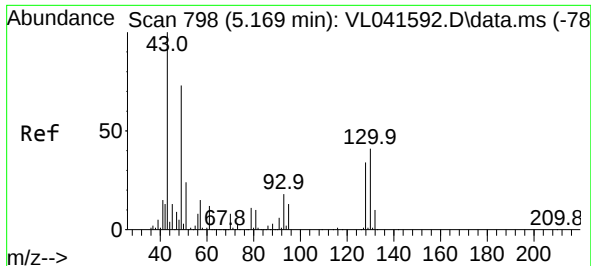
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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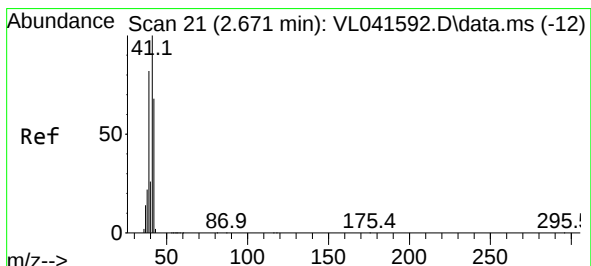
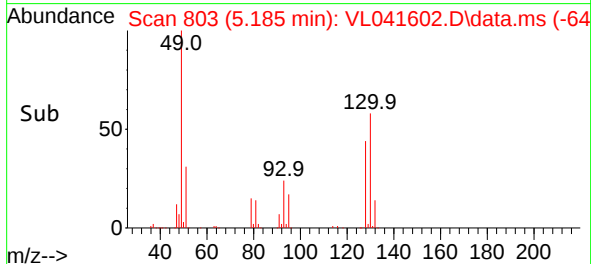
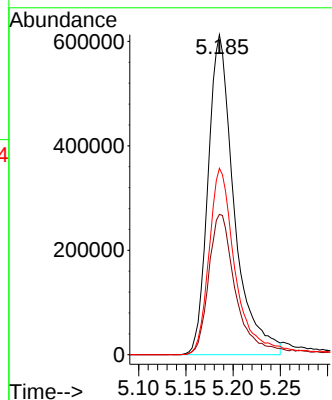
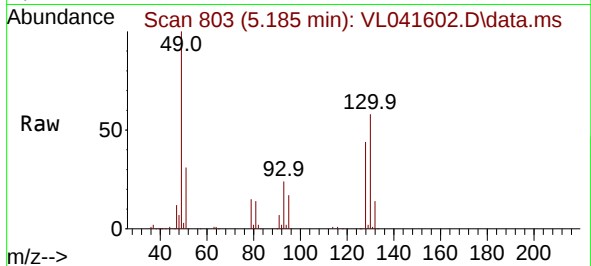




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.185 min Scan# 80
Delta R.T. 0.016 min
Lab File: VL041602.D
Acq: 18 Sep 2024 9:36

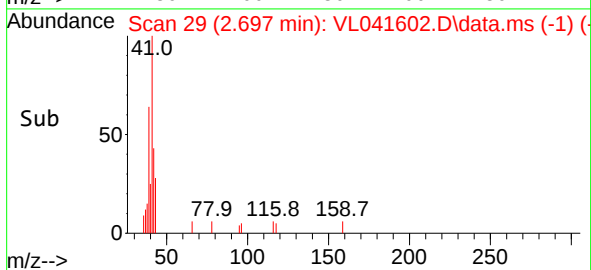
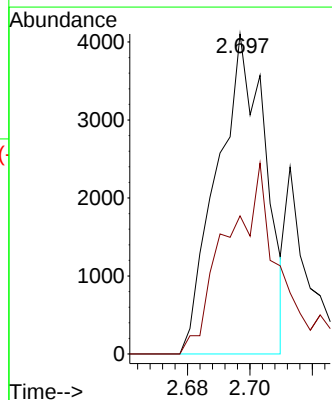
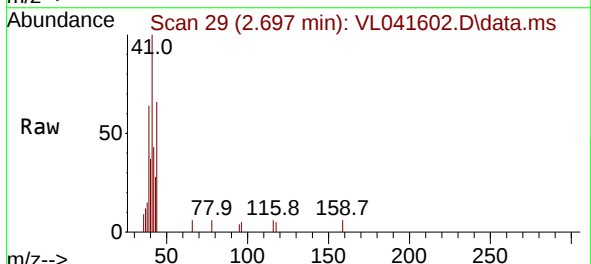
Instrument :
MSVOA_L
ClientSampleId :

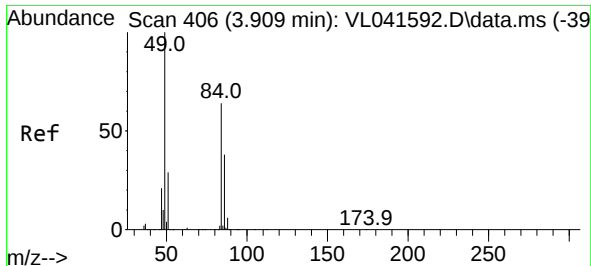
Tgt Ion: 49 Resp: 1177899
Ion Ratio Lower Upper
49 100
128 47.8 23.8 71.5
130 61.1 30.4 91.3



#9
Propene
Concen: 0.073 ppbv
RT: 2.697 min Scan# 29
Delta R.T. 0.026 min
Lab File: VL041602.D
Acq: 18 Sep 2024 9:36

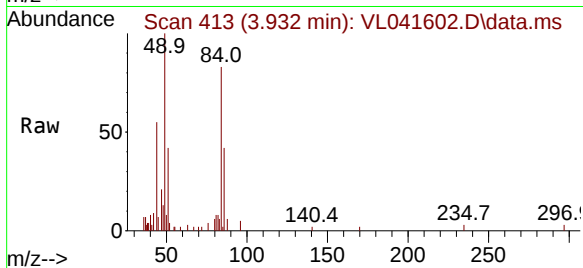
Tgt Ion: 41 Resp: 4417
Ion Ratio Lower Upper
41 100
42 69.2 55.2 82.8





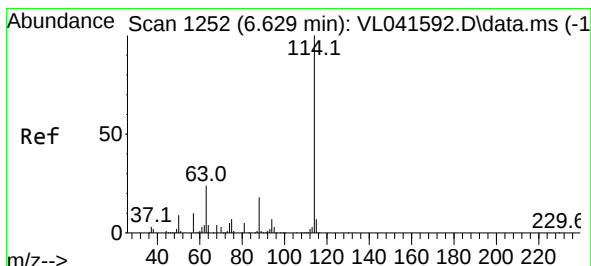
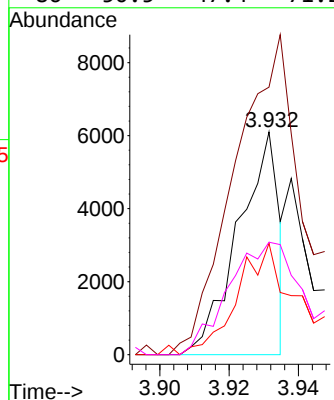
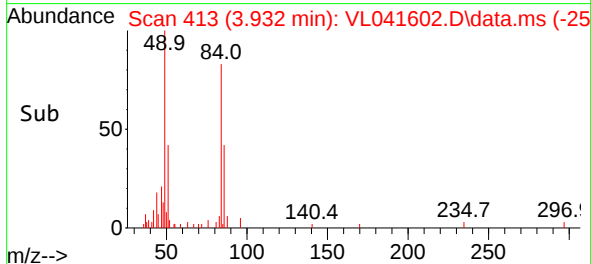
#20
Methylene Chloride
Concen: 0.089 ppbv
RT: 3.932 min Scan# 413
Delta R.T. 0.023 min
Lab File: VL041602.D
Acq: 18 Sep 2024 9:36

Instrument :
MSVOA_L
ClientSampleId :

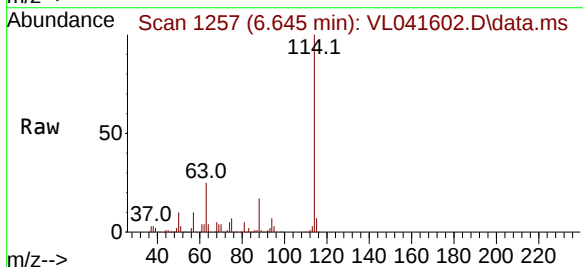


Tgt Ion: 84 Resp: 4963

Ion	Ratio	Lower	Upper
84	100		
49	111.7	124.3	186.5#
51	50.0	36.3	54.5
86	50.5	47.4	71.2

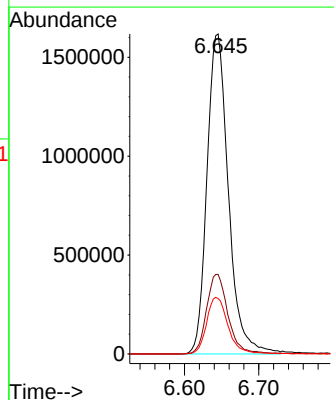
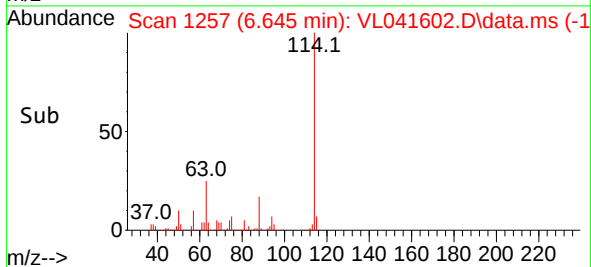


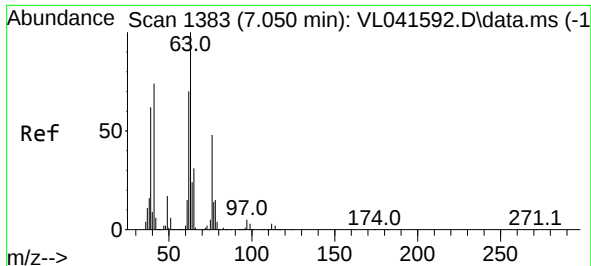
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.645 min Scan# 1257
Delta R.T. 0.016 min
Lab File: VL041602.D
Acq: 18 Sep 2024 9:36



Tgt Ion: 114 Resp: 3241896

Ion	Ratio	Lower	Upper
114	100		
63	25.2	20.2	30.2
88	17.8	14.2	21.4





#39

1,2-Dichloropropane

Concen: 8.660 ppbv

RT: 6.642 min Scan# 11

Delta R.T. -0.408 min

Lab File: VL041602.D

Acq: 18 Sep 2024 9:36

Instrument :

MSVOA_L

ClientSampleId :

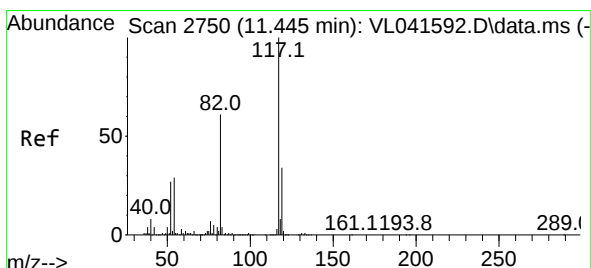
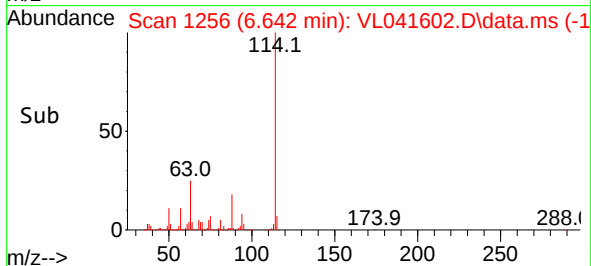
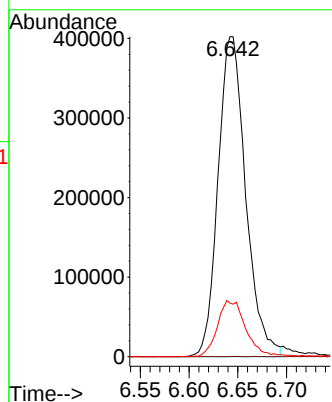
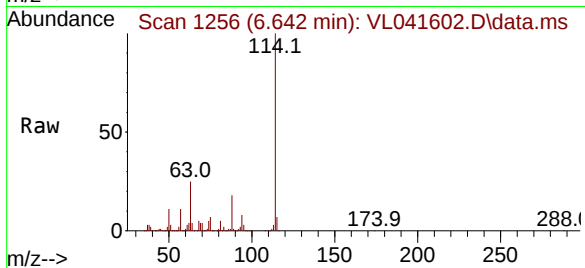
Tgt Ion: 63 Resp: 793233

Ion Ratio Lower Upper

63 100

41 0.1 59.5 89.3#

62 16.7 56.2 84.2#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.452 min Scan# 2752

Delta R.T. 0.007 min

Lab File: VL041602.D

Acq: 18 Sep 2024 9:36

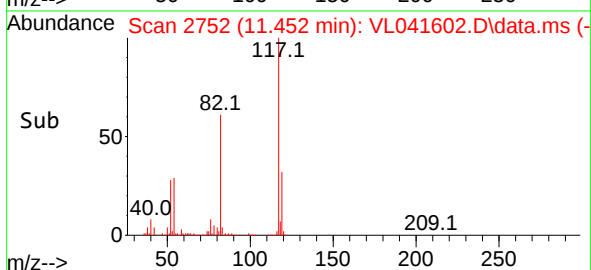
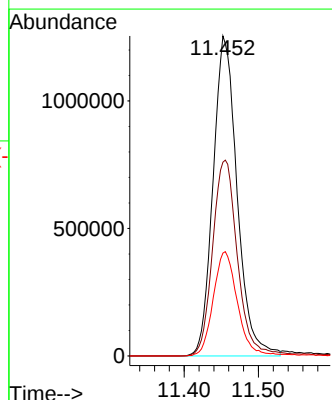
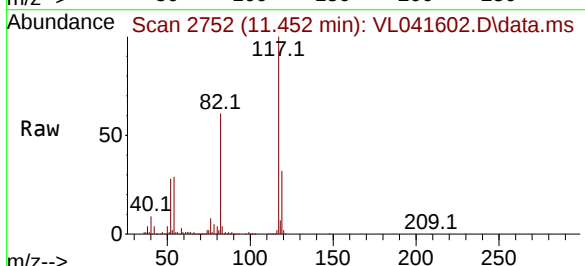
Tgt Ion: 117 Resp: 2826139

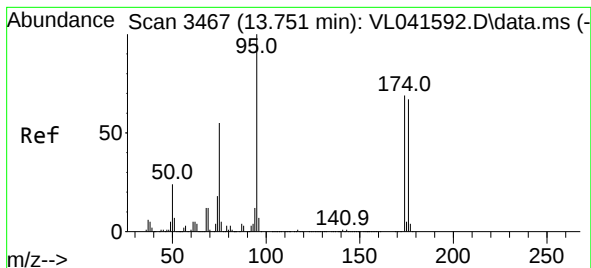
Ion Ratio Lower Upper

117 100

82 64.4 49.4 74.2

119 33.2 24.4 36.6

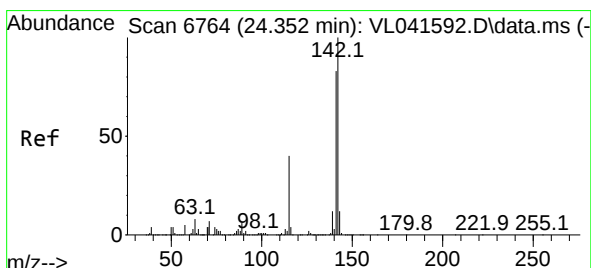
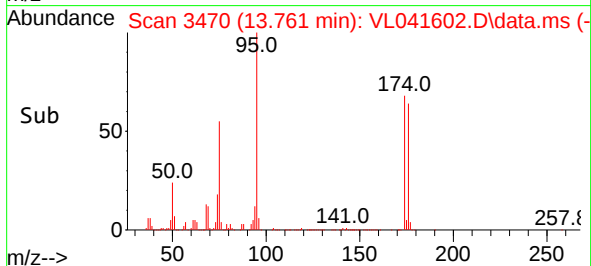
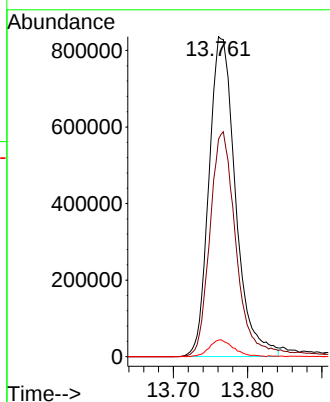
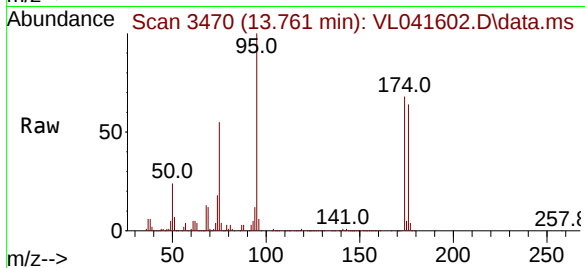




#68
1-Bromo-4-Fluorobenzene
Concen: 9.981 ppbv
RT: 13.761 min Scan# 3467
Delta R.T. 0.010 min
Lab File: VL041602.D
Acq: 18 Sep 2024 9:36

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 95 Resp: 2076380
Ion Ratio Lower Upper
95 100
174 71.6 55.8 83.8
175 5.1 4.1 6.1



#80
Naphthalene,2-methyl-
Concen: 0.036 ppbv
RT: 24.368 min Scan# 6769
Delta R.T. 0.016 min
Lab File: VL041602.D
Acq: 18 Sep 2024 9:36

Tgt Ion:142 Resp: 5821
Ion Ratio Lower Upper
142 100
141 98.3 66.3 99.5
115 44.2 31.4 47.2

