

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100423\
 Data File : VL040735.D
 Acq On : 4 Oct 2023 10:52
 Operator : SY/MD
 Sample : VL1004ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Oct 05 04:25:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091423AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Sep 19 05:12:43 2023
 Response via : Initial Calibration

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

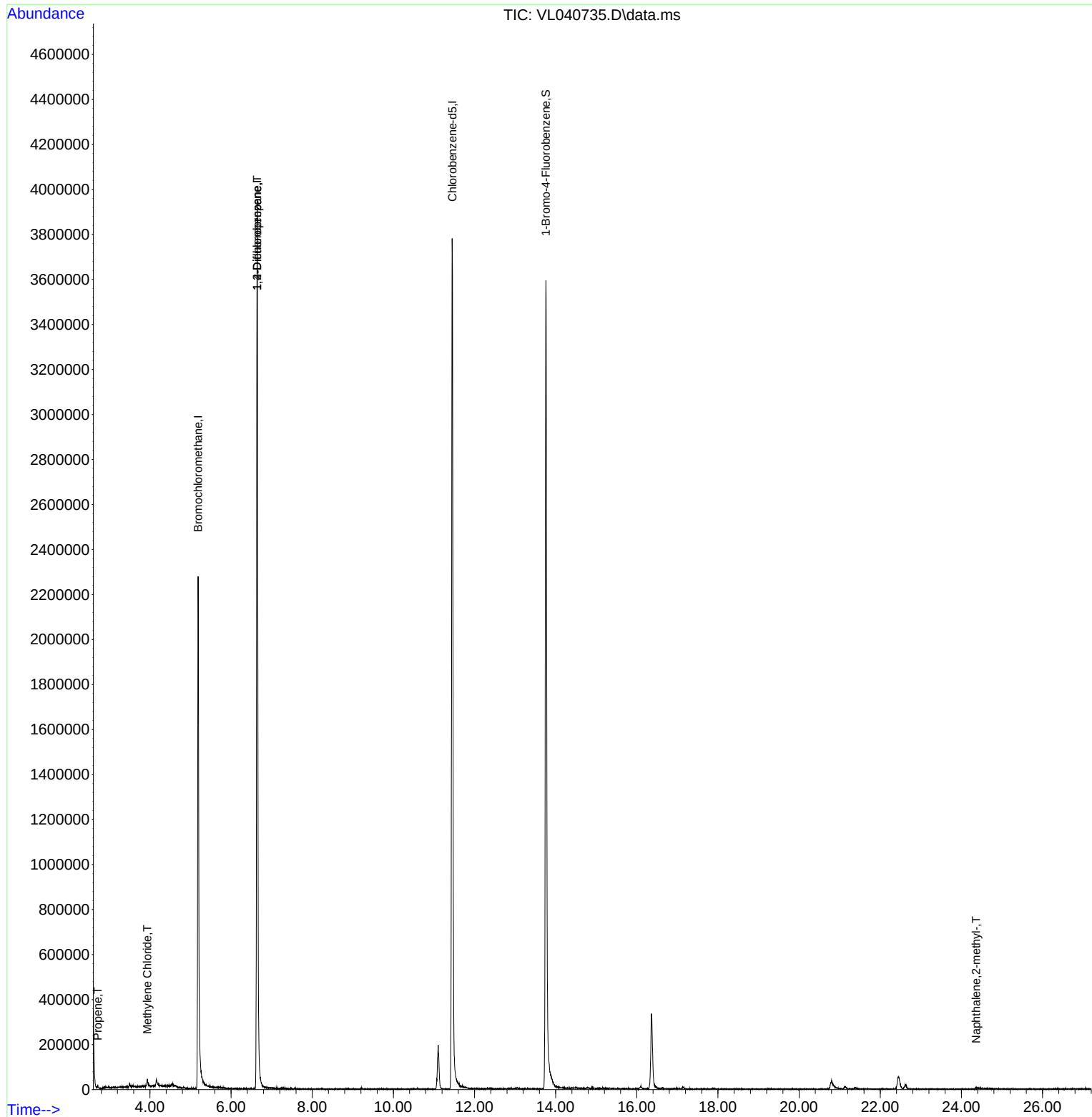
Internal Standards						
1) Bromochloromethane	5.189	49	1132838	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.642	114	3156080	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.452	117	2602500	10.000	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.761	95	1859606	9.248	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	92.500%
Target Compounds						
					Qvalue	
9) Propene	2.716	41	4176	0.079	ppbv	91
20) Methylene Chloride	3.938	84	7541	0.094	ppbv #	67
39) 1,2-Dichloropropane	6.642	63	741309	8.241	ppbv #	23
80) Naphthalene,2-methyl-	24.365	142	6073	0.122	ppbv #	64

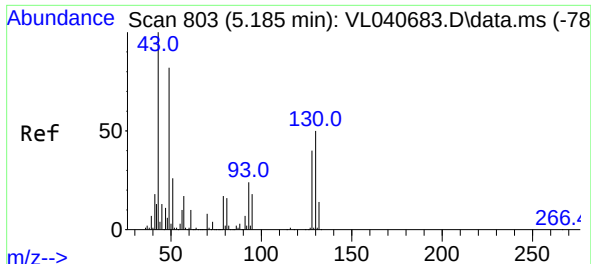
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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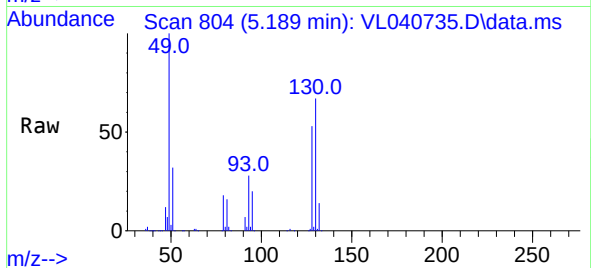
Quant Time: Oct 05 04:25:52 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091423AIR.M
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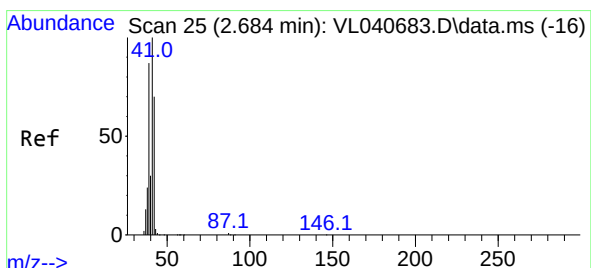
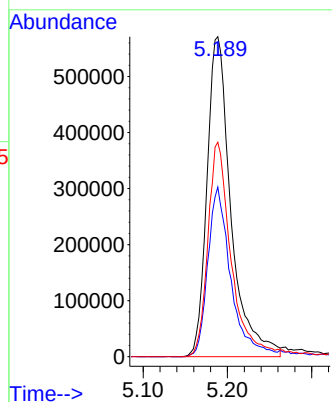
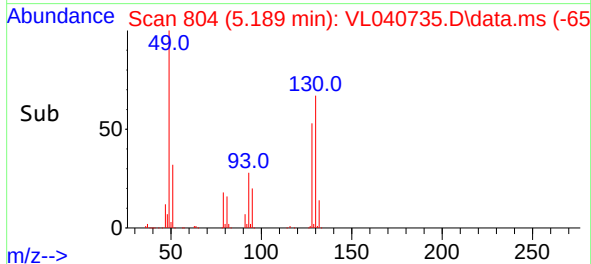


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 80
Delta R.T. -0.009 min
Lab File: VL040735.D
Acq: 4 Oct 2023 10:52

Instrument :
MSVOA_L
ClientSampleId :

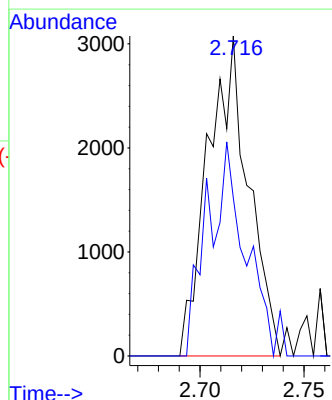
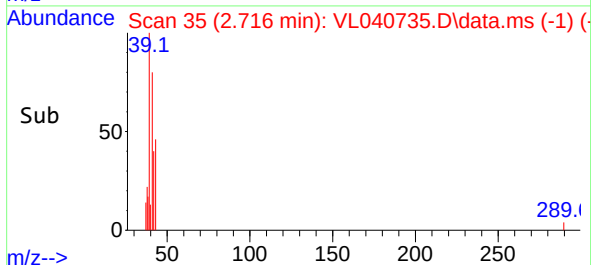
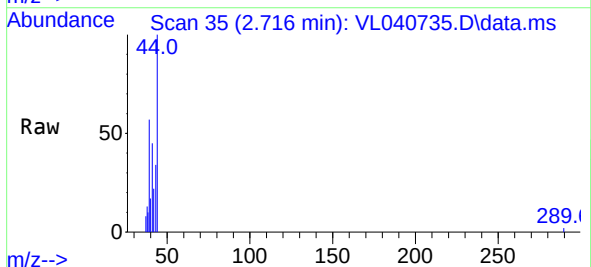


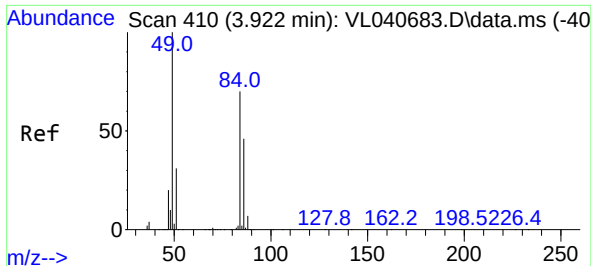
Tgt Ion: 49 Resp: 1132838
Ion Ratio Lower Upper
49 100
128 53.1 25.4 76.0
130 67.0 32.3 96.8



#9
Propene
Concen: 0.079 ppbv
RT: 2.716 min Scan# 35
Delta R.T. 0.019 min
Lab File: VL040735.D
Acq: 4 Oct 2023 10:52

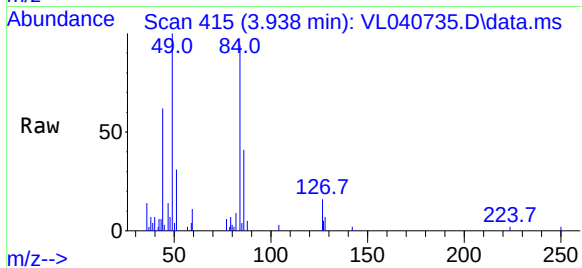
Tgt Ion: 41 Resp: 4176
Ion Ratio Lower Upper
41 100
42 63.7 56.7 85.1



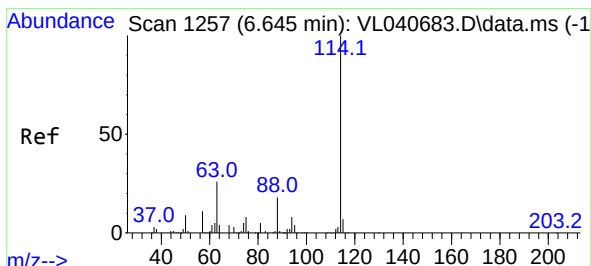
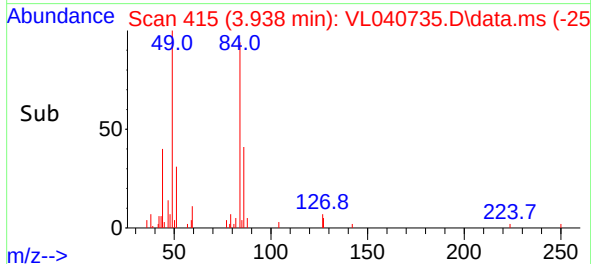
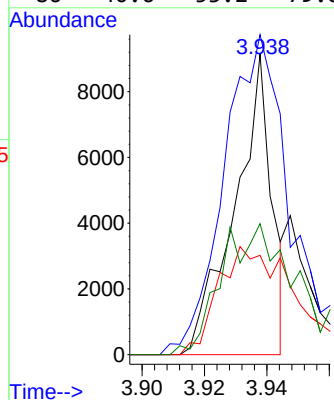


#20
Methylene Chloride
Concen: 0.094 ppbv
RT: 3.938 min Scan# 410
Delta R.T. 0.000 min
Lab File: VL040735.D
Acq: 4 Oct 2023 10:52

Instrument :
MSVOA_L
ClientSampleId :

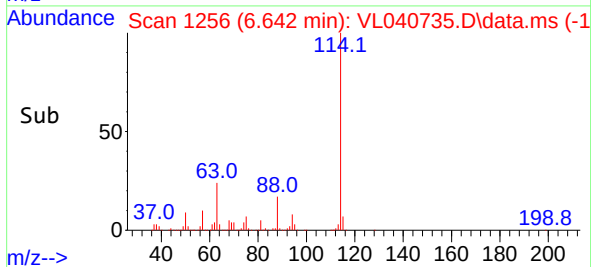
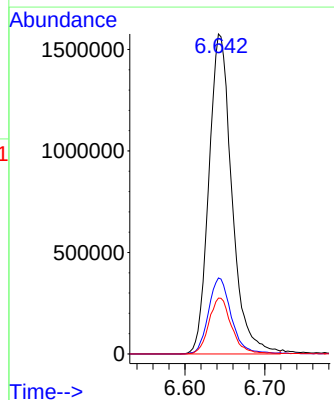
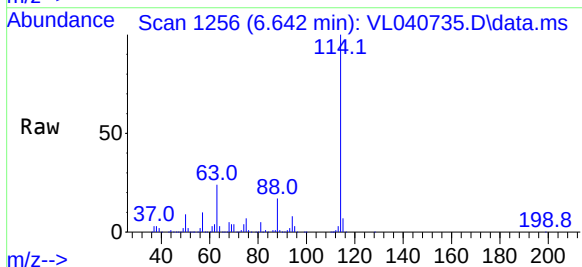


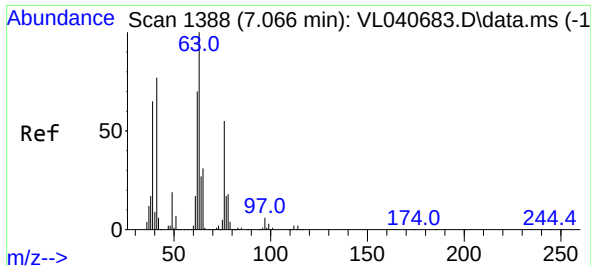
Tgt Ion: 84 Resp: 7541
Ion Ratio Lower Upper
84 100
49 97.1 114.4 171.6#
51 33.0 35.5 53.3#
86 40.6 53.2 79.8#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.642 min Scan# 1256
Delta R.T. -0.019 min
Lab File: VL040735.D
Acq: 4 Oct 2023 10:52

Tgt Ion: 114 Resp: 3156080
Ion Ratio Lower Upper
114 100
63 23.8 21.1 31.7
88 17.5 14.5 21.7





#39

1,2-Dichloropropane

Concen: 8.241 ppbv

RT: 6.642 min Scan# 11

Delta R.T. -0.440 min

Lab File: VL040735.D

Acq: 4 Oct 2023 10:52

Instrument :

MSVOA_L

ClientSampleId :

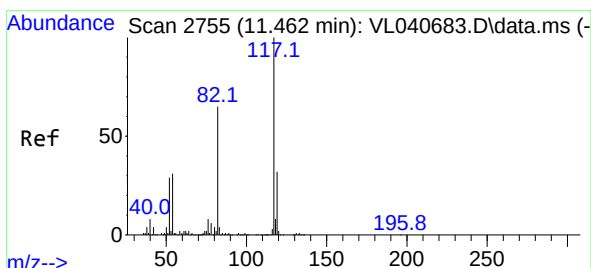
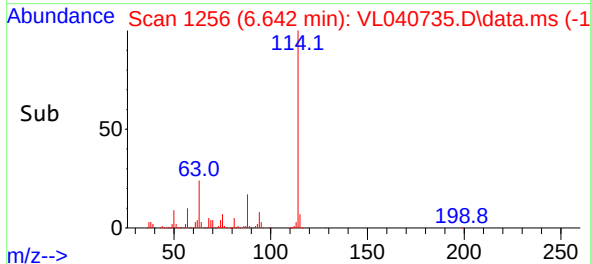
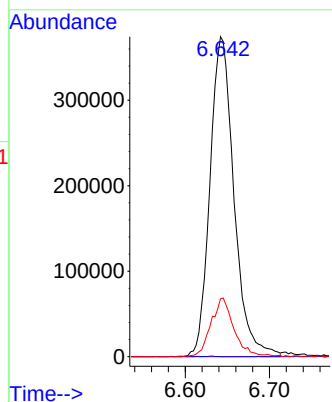
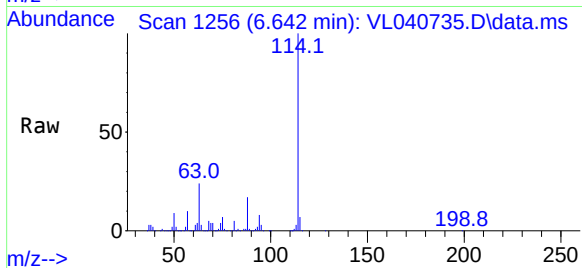
Tgt Ion: 63 Resp: 741309

Ion Ratio Lower Upper

63 100

41 0.0 61.6 92.4#

62 18.1 55.8 83.8#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.452 min Scan# 2752

Delta R.T. -0.026 min

Lab File: VL040735.D

Acq: 4 Oct 2023 10:52

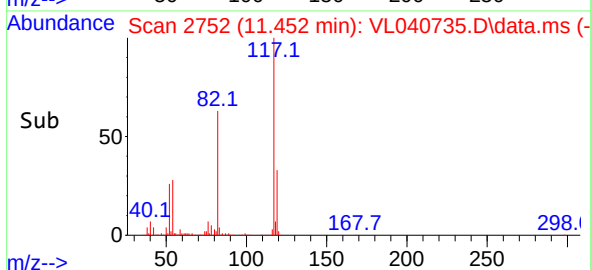
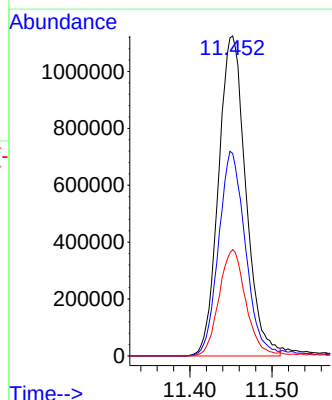
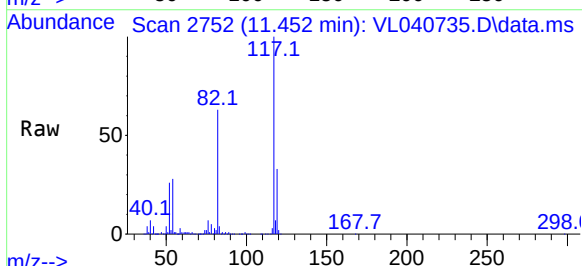
Tgt Ion: 117 Resp: 2602500

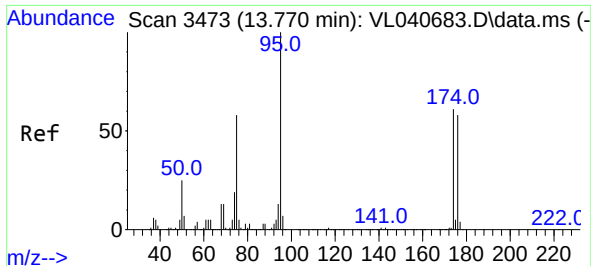
Ion Ratio Lower Upper

117 100

82 64.9 51.4 77.0

119 33.7 24.7 37.1

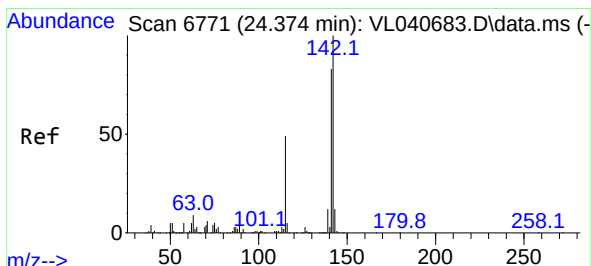
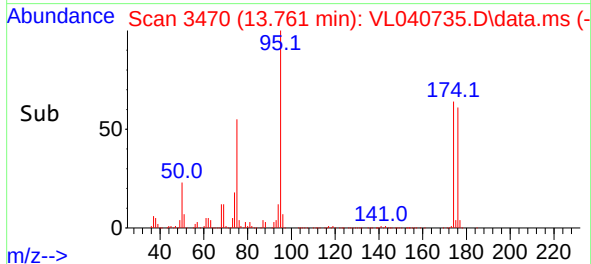
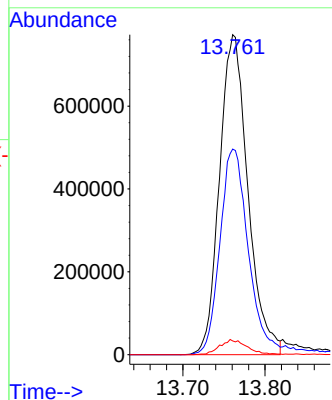
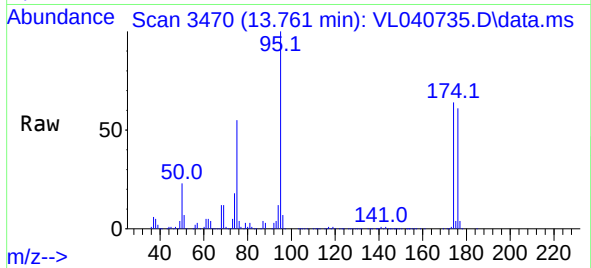




#68
1-Bromo-4-Fluorobenzene
Concen: 9.248 ppbv
RT: 13.761 min Scan# 3473
Delta R.T. -0.026 min
Lab File: VL040735.D
Acq: 4 Oct 2023 10:52

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 95 Resp: 1859606
Ion Ratio Lower Upper
95 100
174 67.7 48.9 73.3
175 4.8 3.5 5.3



#80
Naphthalene,2-methyl-
Concen: 0.122 ppbv
RT: 24.365 min Scan# 6768
Delta R.T. -0.016 min
Lab File: VL040735.D
Acq: 4 Oct 2023 10:52

Tgt Ion:142 Resp: 6073
Ion Ratio Lower Upper
142 100
141 43.7 67.0 100.6#
115 60.1 37.4 56.2#

