

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL013023\
 Data File : VL040131.D
 Acq On : 30 Jan 2023 14:01
 Operator : SY/MD
 Sample : QC012423 CAN 10652
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jan 31 05:12:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Jan 16 14:40:47 2023
 Response via : Initial Calibration

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

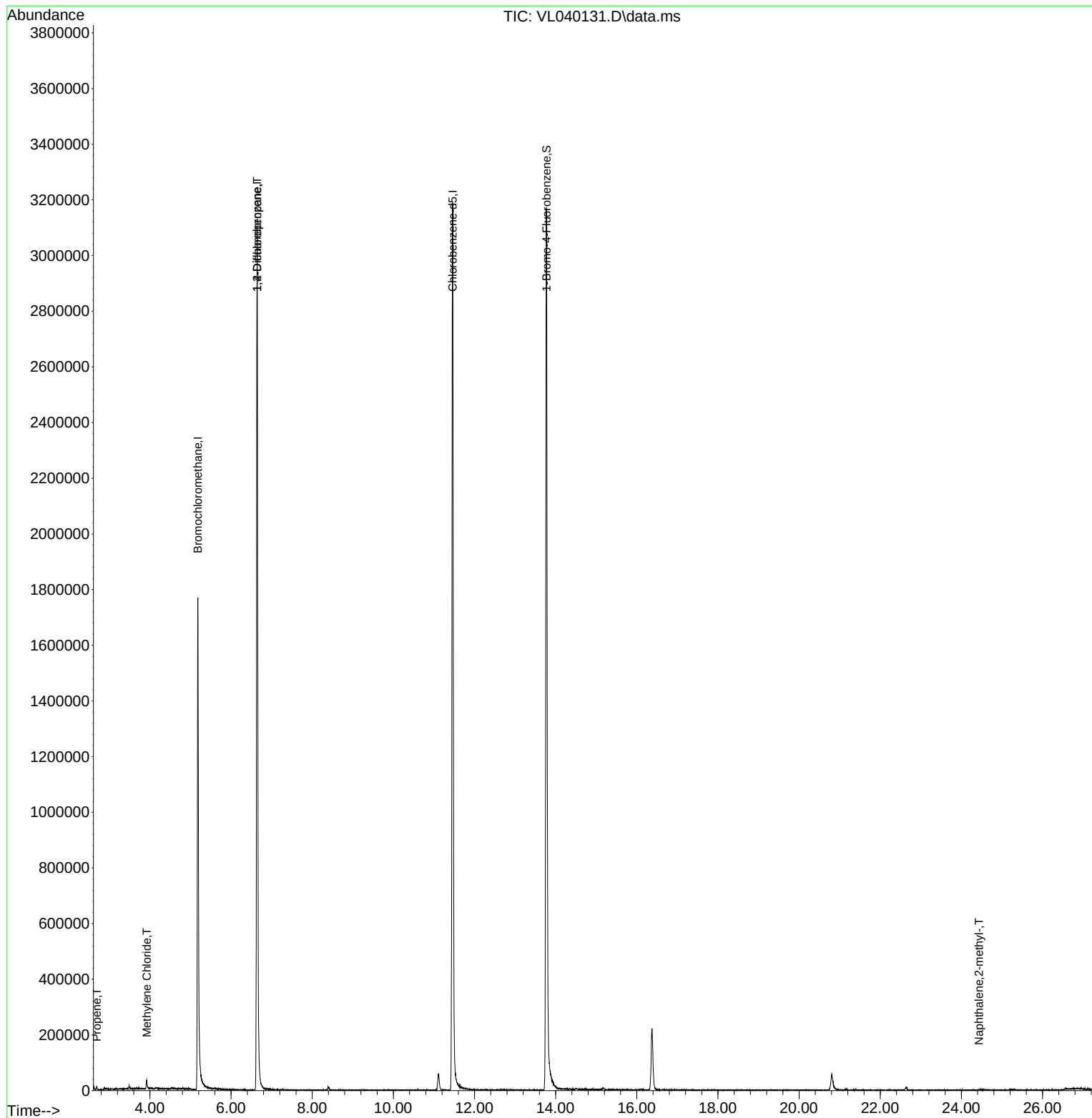
Internal Standards						
1) Bromochloromethane	5.182	49	912601	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.642	114	2449056	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.461	117	2149585	10.000	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.773	95	1707648	9.558	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.600%
Target Compounds						
					Qvalue	
9) Propene	2.690	41	2124	0.047	ppbv	85
20) Methylene Chloride	3.925	84	8472	0.175	ppbv	90
39) 1,2-Dichloropropane	6.642	63	592915	8.364	ppbv #	22
80) Naphthalene,2-methyl-	24.432	142	1668	0.038	ppbv #	27

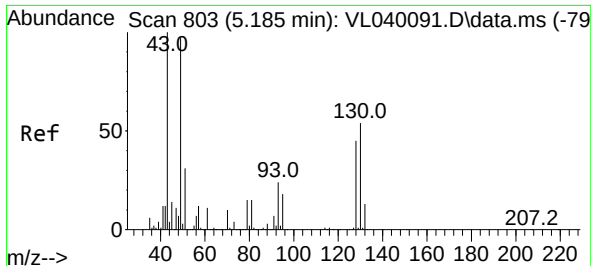
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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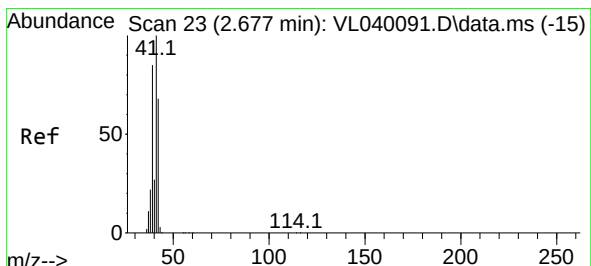
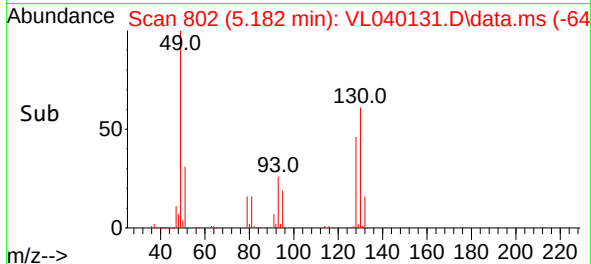
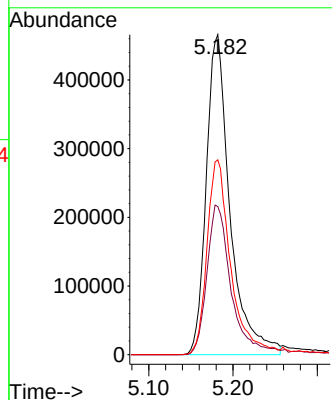
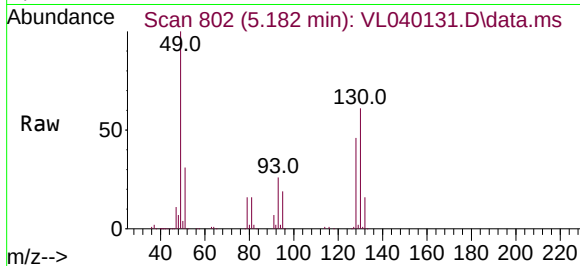




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.182 min Scan# 80
Delta R.T. -0.003 min
Lab File: VL040131.D
Acq: 30 Jan 2023 14:01

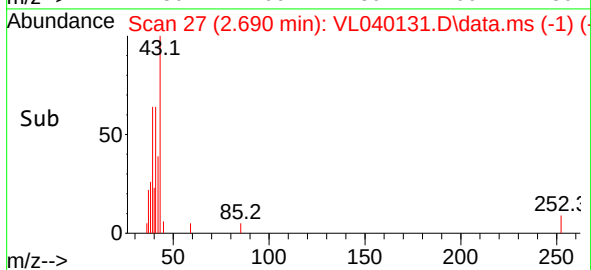
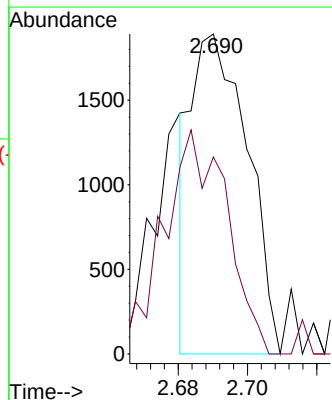
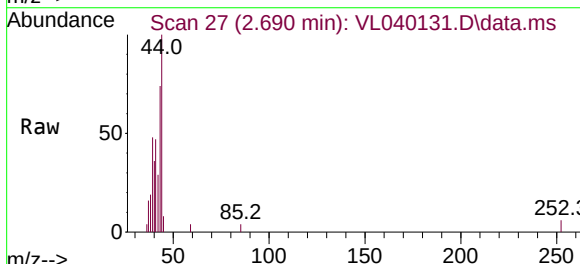
Instrument :
MSVOA_L
ClientSampleId :

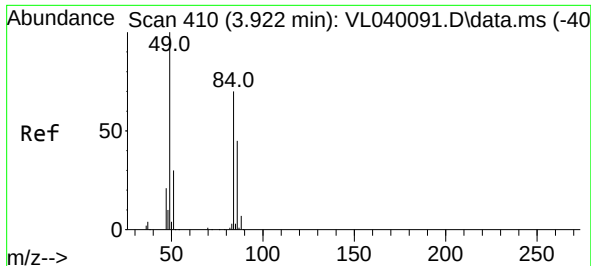
Tgt Ion: 49 Resp: 912601
Ion Ratio Lower Upper
49 100
128 50.2 23.6 71.0
130 64.2 29.8 89.3



#9
Propene
Concen: 0.047 ppbv
RT: 2.690 min Scan# 27
Delta R.T. 0.013 min
Lab File: VL040131.D
Acq: 30 Jan 2023 14:01

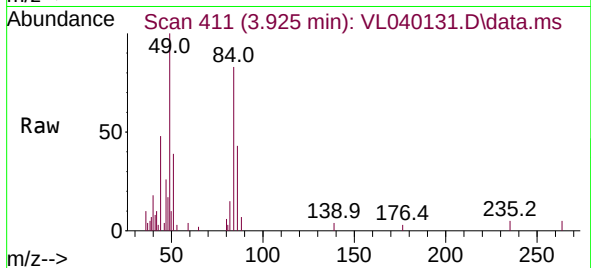
Tgt Ion: 41 Resp: 2124
Ion Ratio Lower Upper
41 100
42 82.2 55.6 83.4





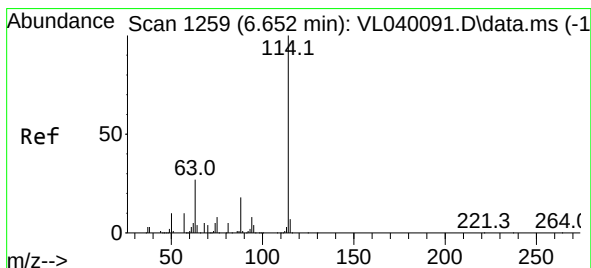
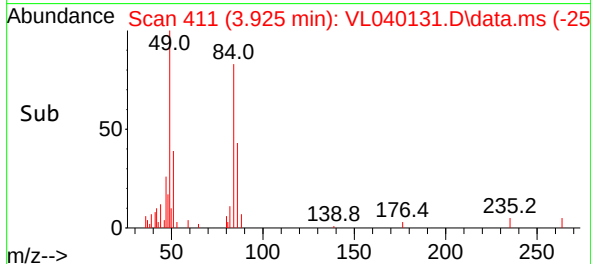
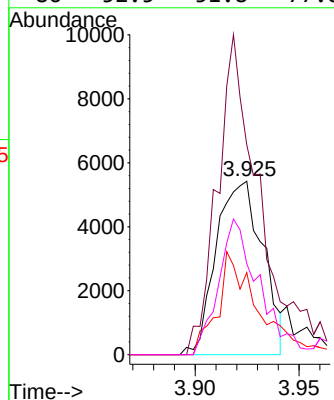
#20
Methylene Chloride
Concen: 0.175 ppbv
RT: 3.925 min Scan# 410
Delta R.T. 0.003 min
Lab File: VL040131.D
Acq: 30 Jan 2023 14:01

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion: 84 Resp: 8472

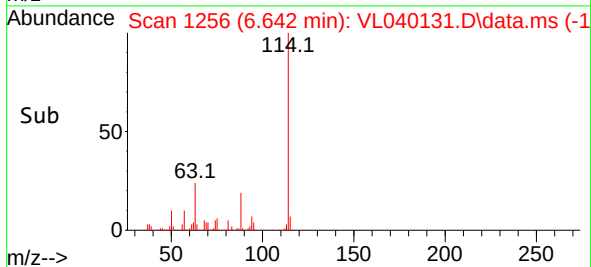
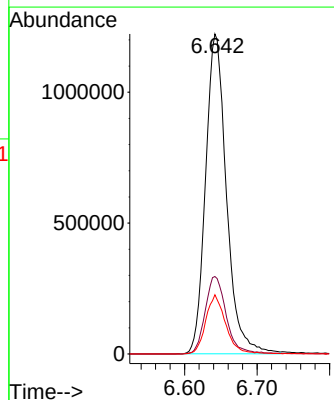
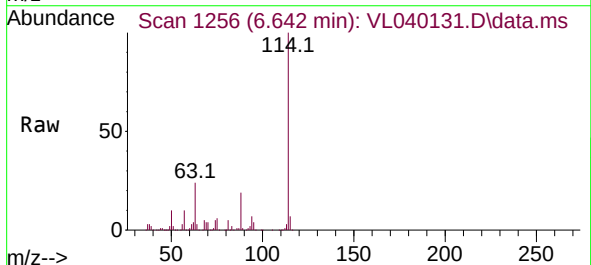
Ion	Ratio	Lower	Upper
84	100		
49	133.4	114.6	171.8
51	47.3	34.3	51.5
86	52.5	51.8	77.8

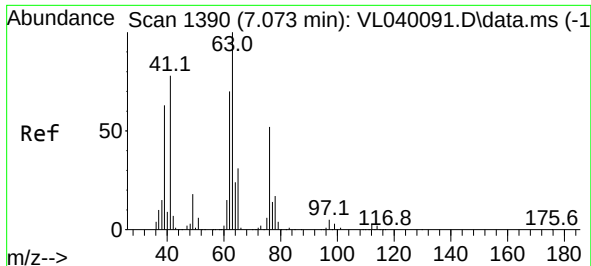


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.642 min Scan# 1256
Delta R.T. -0.010 min
Lab File: VL040131.D
Acq: 30 Jan 2023 14:01

Tgt Ion: 114 Resp: 2449056

Ion	Ratio	Lower	Upper
114	100		
63	24.7	21.8	32.8
88	17.8	14.8	22.2





#39

1,2-Dichloropropane

Concen: 8.364 ppbv

RT: 6.642 min Scan# 11

Delta R.T. -0.431 min

Lab File: VL040131.D

Acq: 30 Jan 2023 14:01

Instrument :

MSVOA_L

ClientSampleId :

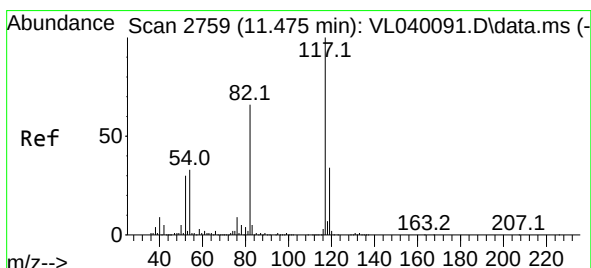
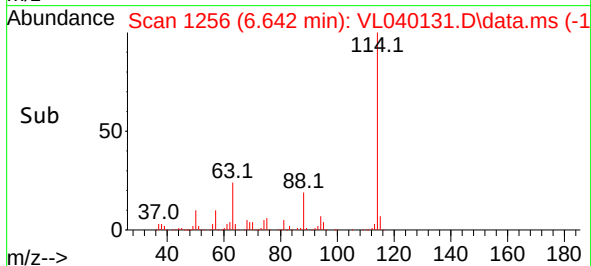
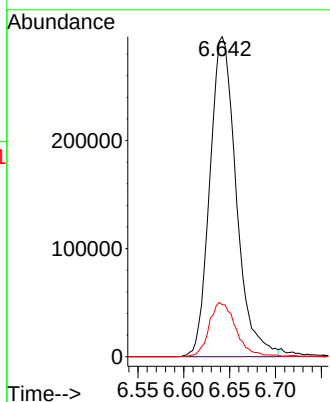
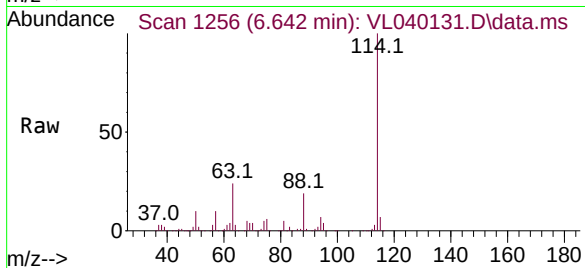
Tgt Ion: 63 Resp: 592915

Ion Ratio Lower Upper

63 100

41 0.1 62.2 93.4#

62 16.3 55.8 83.8#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.461 min Scan# 2755

Delta R.T. -0.013 min

Lab File: VL040131.D

Acq: 30 Jan 2023 14:01

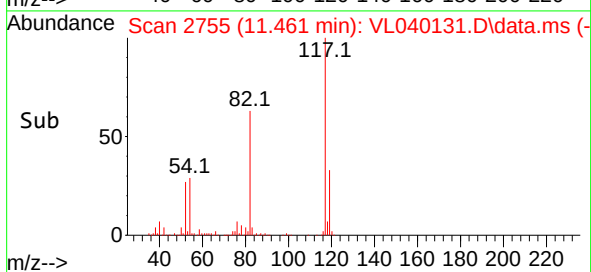
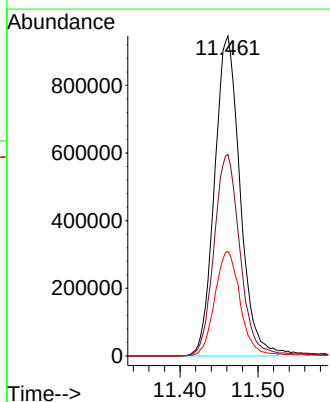
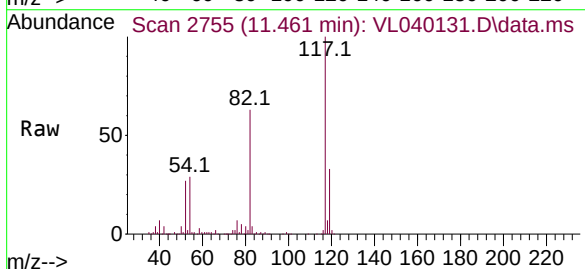
Tgt Ion: 117 Resp: 2149585

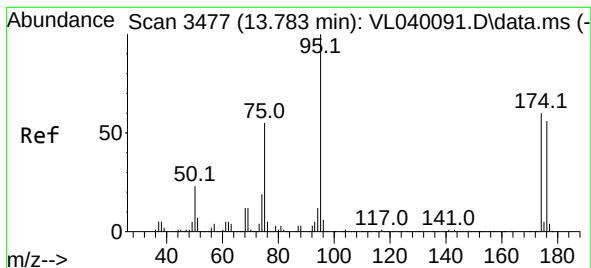
Ion Ratio Lower Upper

117 100

82 65.5 54.4 81.6

119 33.1 26.8 40.2

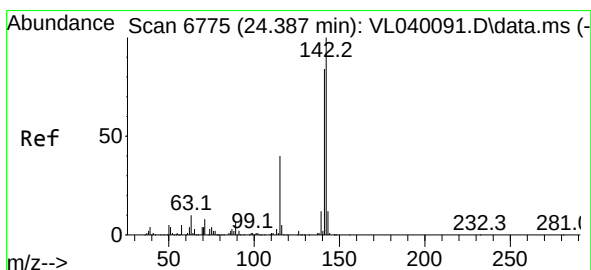
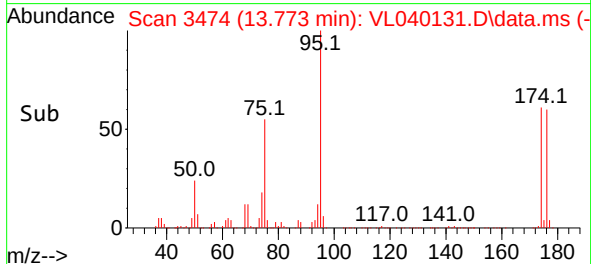
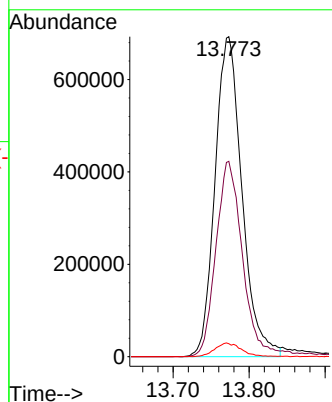
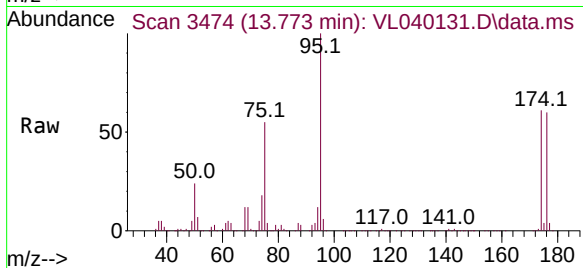




#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.558 ppbv
 RT: 13.773 min Scan# 3477
 Delta R.T. -0.010 min
 Lab File: VL040131.D
 Acq: 30 Jan 2023 14:01

Instrument :
 MSVOA_L
 ClientSampleId :

Tgt Ion: 95 Resp: 1707648
 Ion Ratio Lower Upper
 95 100
 174 62.4 47.7 71.5
 175 4.3 3.4 5.2



#80
 Naphthalene, 2-methyl-
 Concen: 0.038 ppbv
 RT: 24.432 min Scan# 6789
 Delta R.T. 0.045 min
 Lab File: VL040131.D
 Acq: 30 Jan 2023 14:01

Tgt Ion: 142 Resp: 1668
 Ion Ratio Lower Upper
 142 100
 141 0.0 65.0 97.6#
 115 18.6 31.8 47.8#

