

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111821\
Data File : VL038059.D
Acq On : 18 Nov 2021 18:32
Operator : SY/AP
Sample : OC111021 CAN 10060
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC111021 CAN 10060

Quant Time: Nov 19 07:30:28 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111821AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Nov 18 13:16:09 2021
QLast Update : Thu Nov 18 13:16:09 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	872199	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2505761	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2153963	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	1574995	10.14	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.40%

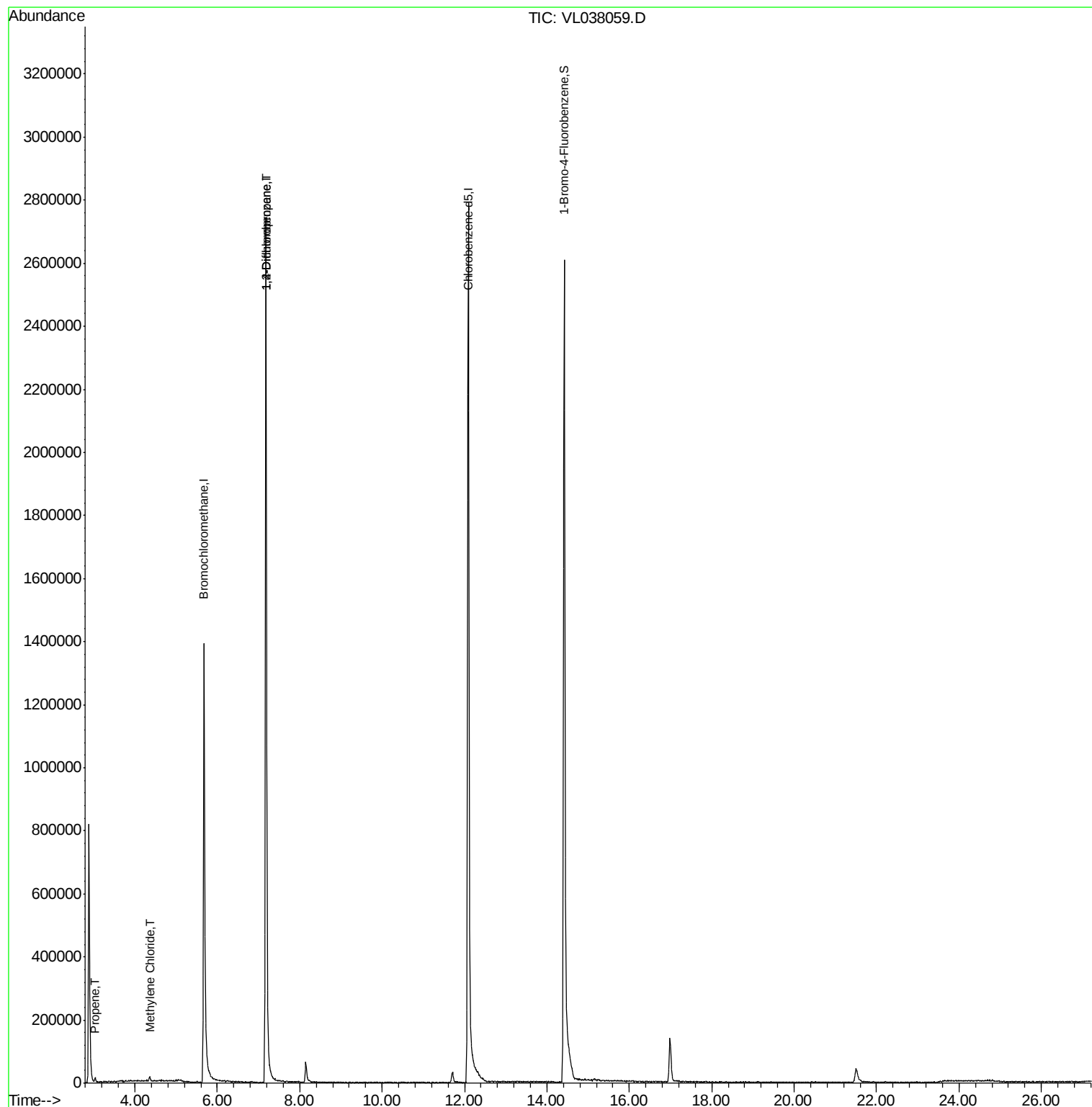
Target Compounds					Ovalue	
9) Propene	3.02	41	1388	0.021	ppbv	# 16
20) Methylene Chloride	4.36	84	2512	0.059	ppbv	# 50
39) 1,2-Dichloropropane	7.18	63	620969	6.476	ppbv	# 26

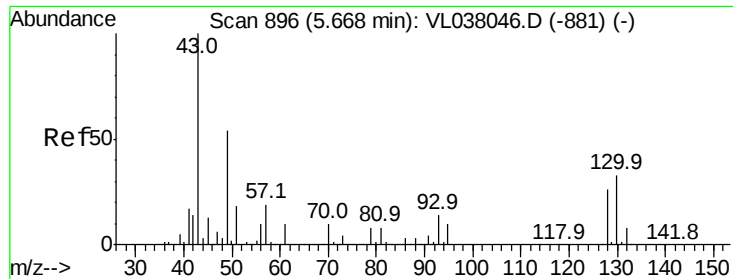
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 18 Nov 2021 18:32 OC111021 CAN 10060

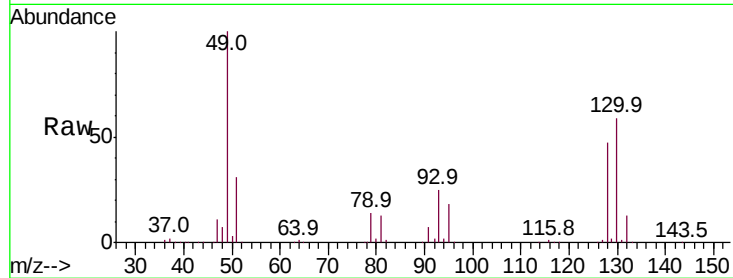
Tot Ion: 49 Resp: 872199

Ion Ratio Lower Upper

49 100

128 51.5 26.5 79.5

130 66.4 32.5 97.4



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V

500000

400000

300000

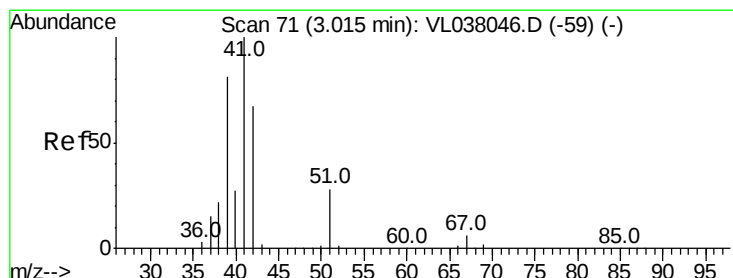
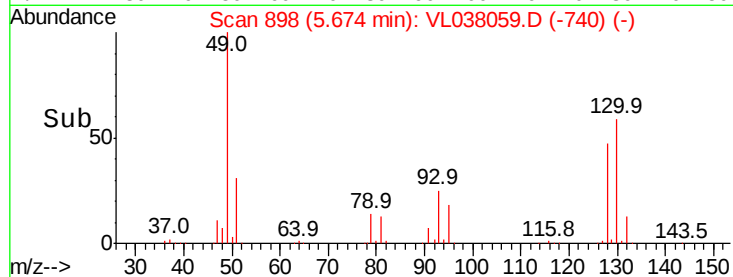
200000

100000

0

5.60 5.65 5.70 5.75

Time-->



#9

Propene

Concen: 0.021 ppbv

RT: 3.02 min Scan# 72

Delta R.T. 0.00 min

Lab File: VL038059.D

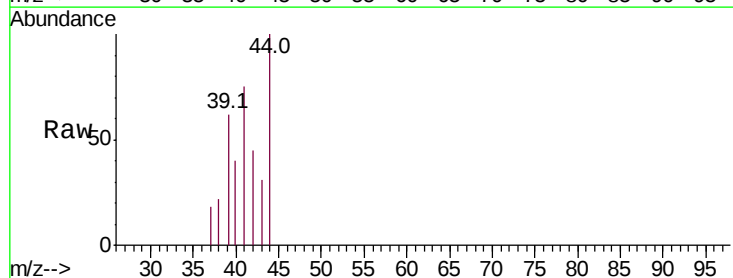
Acq: 18 Nov 2021 18:32

Tgt Ion: 41 Resp: 1388

Ion Ratio Lower Upper

41 100

42 0.0 53.8 80.8#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

3000

2500

2000

1500

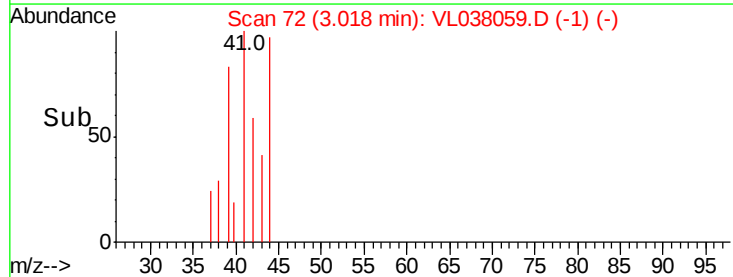
1000

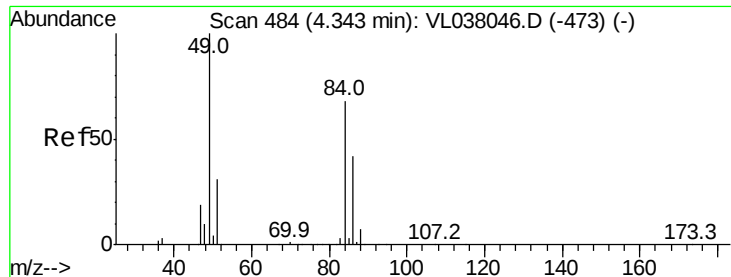
500

0

3.00 3.01 3.02

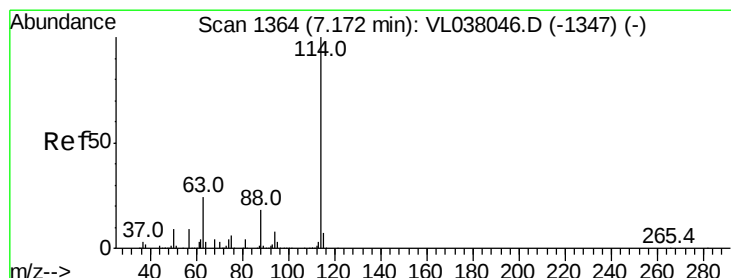
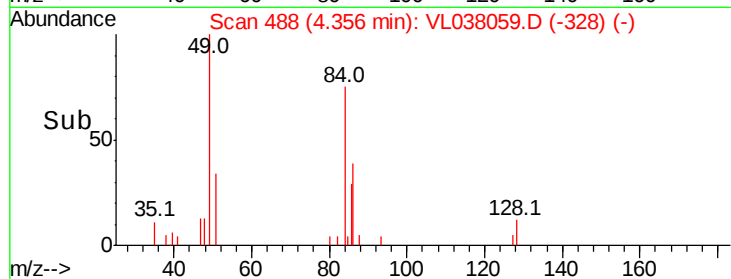
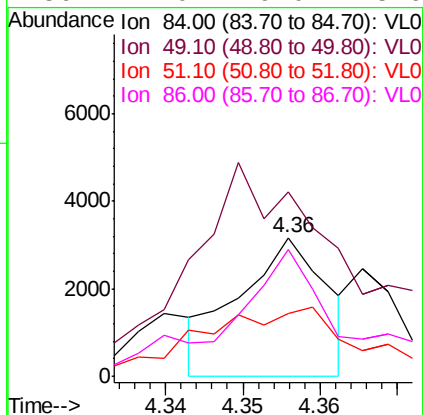
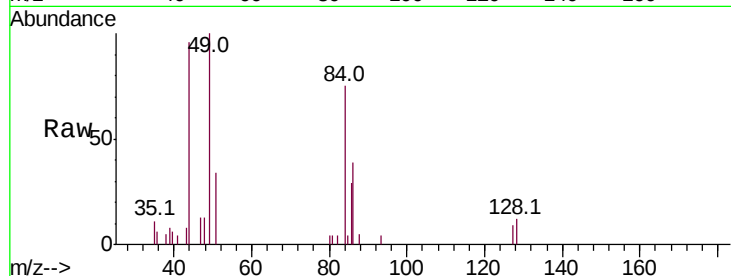
Time-->





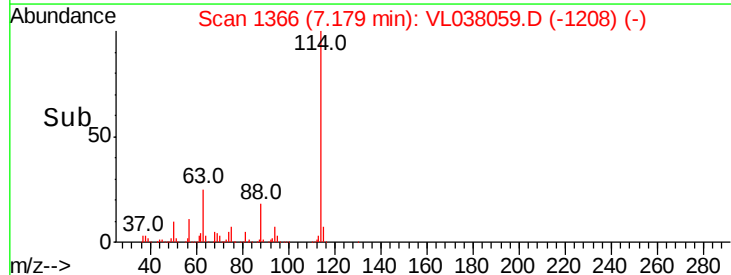
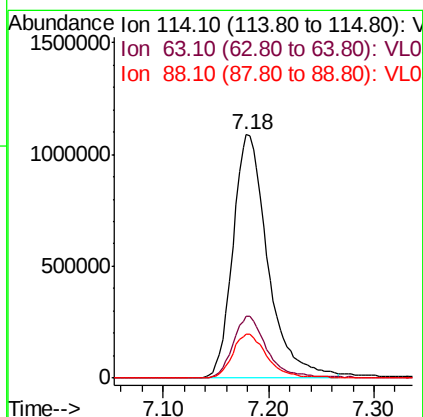
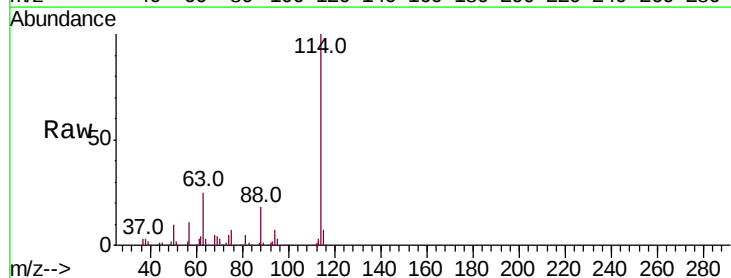
#20
Methylene Chloride
Concen: 0.059 ppbv
RT: 4.36
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
OC111021 CAN 10060
Acq: 18 Nov 2021 18:32

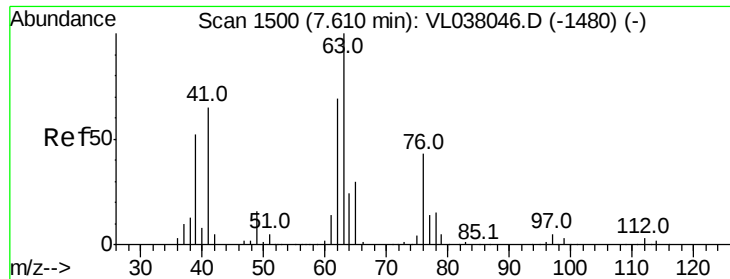
Tot Ion:	84	Resp:	2512
Ion	Ratio	Lower	Upper
84	100		
49	85.9	118.2	177.2#
51	32.9	36.8	55.2#
86	117.0	49.0	73.6#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1366
Delta R.T. 0.01 min
Lab File: VL038059.D
Acq: 18 Nov 2021 18:32

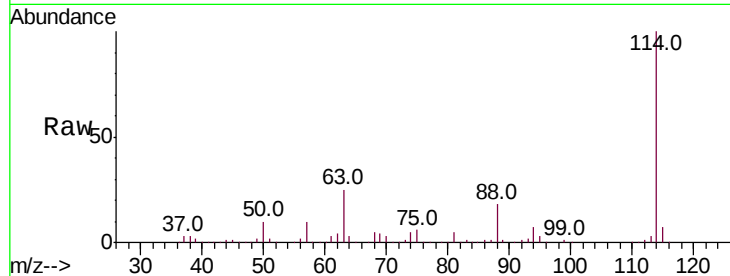
Tgt Ion:	114	Resp:	2505761
Ion	Ratio	Lower	Upper
114	100		
63	25.3	19.7	29.5
88	18.2	14.4	21.6



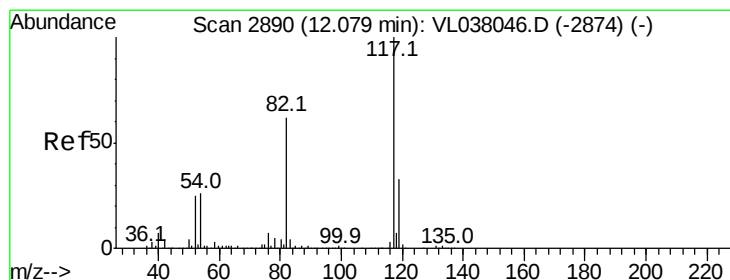
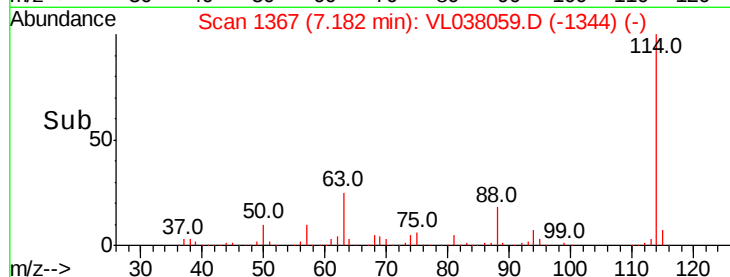
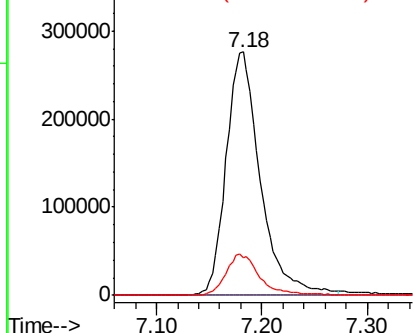


#39
 1,2-Dichloropropane
 Concen: 6.476 ppbv
 RT: 7.18
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 OC111021 CAN 10060
 Acq: 18 Nov 2021 18:32

Tot Ion: 63 Resp: 620969
 Ion Ratio Lower Upper
 63 100
 41 0.2 52.3 78.5#
 62 15.4 55.1 82.7#

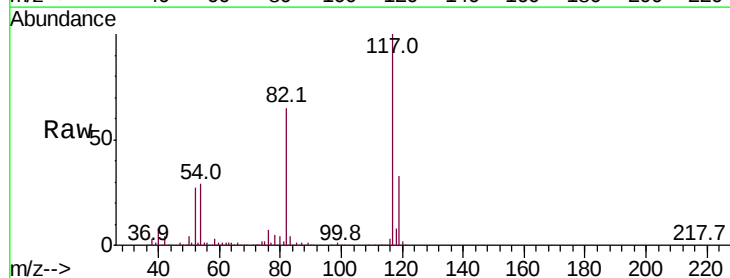


Abundance Ion 63.10 (62.80 to 63.80): VL0
 Ion 41.10 (40.80 to 41.80): VL0
 Ion 62.10 (61.80 to 62.80): VL0

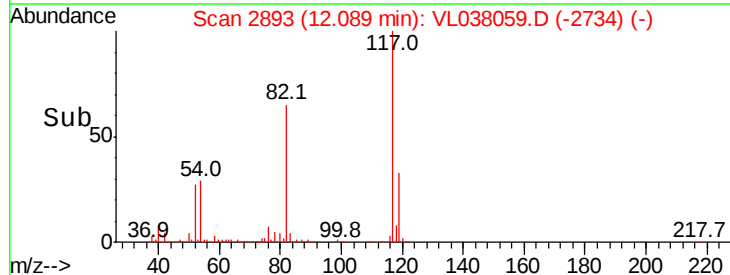
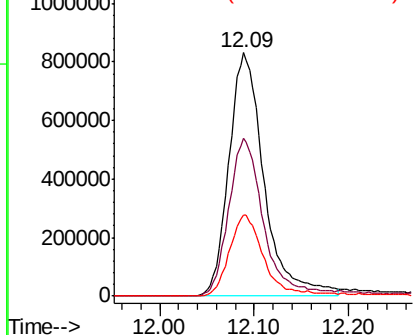


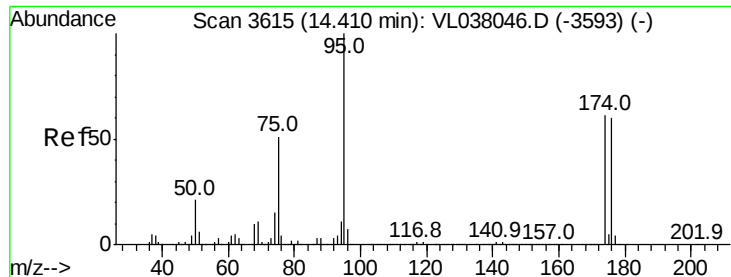
#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.09 min Scan# 2893
 Delta R.T.: 0.01 min
 Lab File: VL038059.D
 Acq: 18 Nov 2021 18:32

Tgt Ion: 117 Resp: 2153963
 Ion Ratio Lower Upper
 117 100
 82 65.9 52.8 79.2
 119 34.2 26.8 40.2



Abundance Ion 117.10 (116.80 to 117.80): V
 Ion 82.10 (81.80 to 82.80): VL0
 Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 10.137 ppbv

RT: 14.42 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

OC111021 CAN 10060

Acq: 18 Nov 2021 18:52

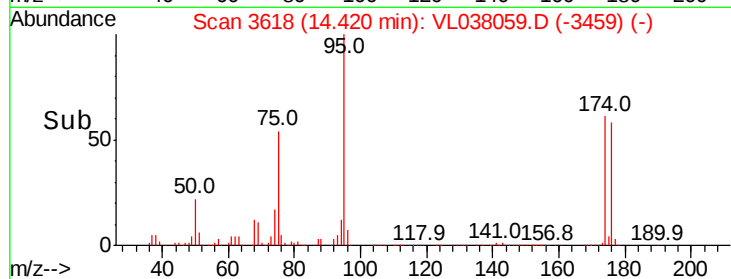
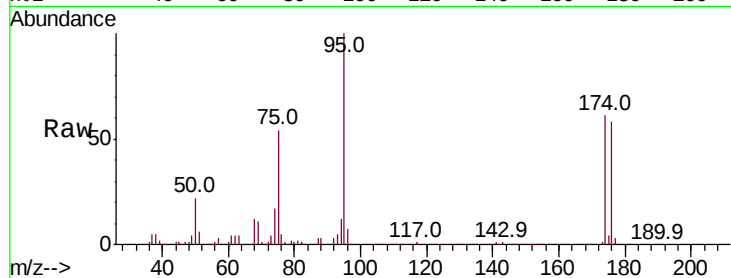
Tot Ion: 95 Resp: 1574995

Ion Ratio Lower Upper

95 100

174 65.8 53.1 79.7

175 4.7 4.0 6.0



Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

