

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL050522\
 Data File : VL038985.D
 Acq On : 5 May 2022 23:12
 Operator : SY/AP
 Sample : OC042722 CAN 10607
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: May 06 07:30:25 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050522AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May 05 07:41:27 2022
 QLast Update : Thu May 05 07:41:27 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	988568	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2262148	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	1890436	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	1547405	10.34	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.40%

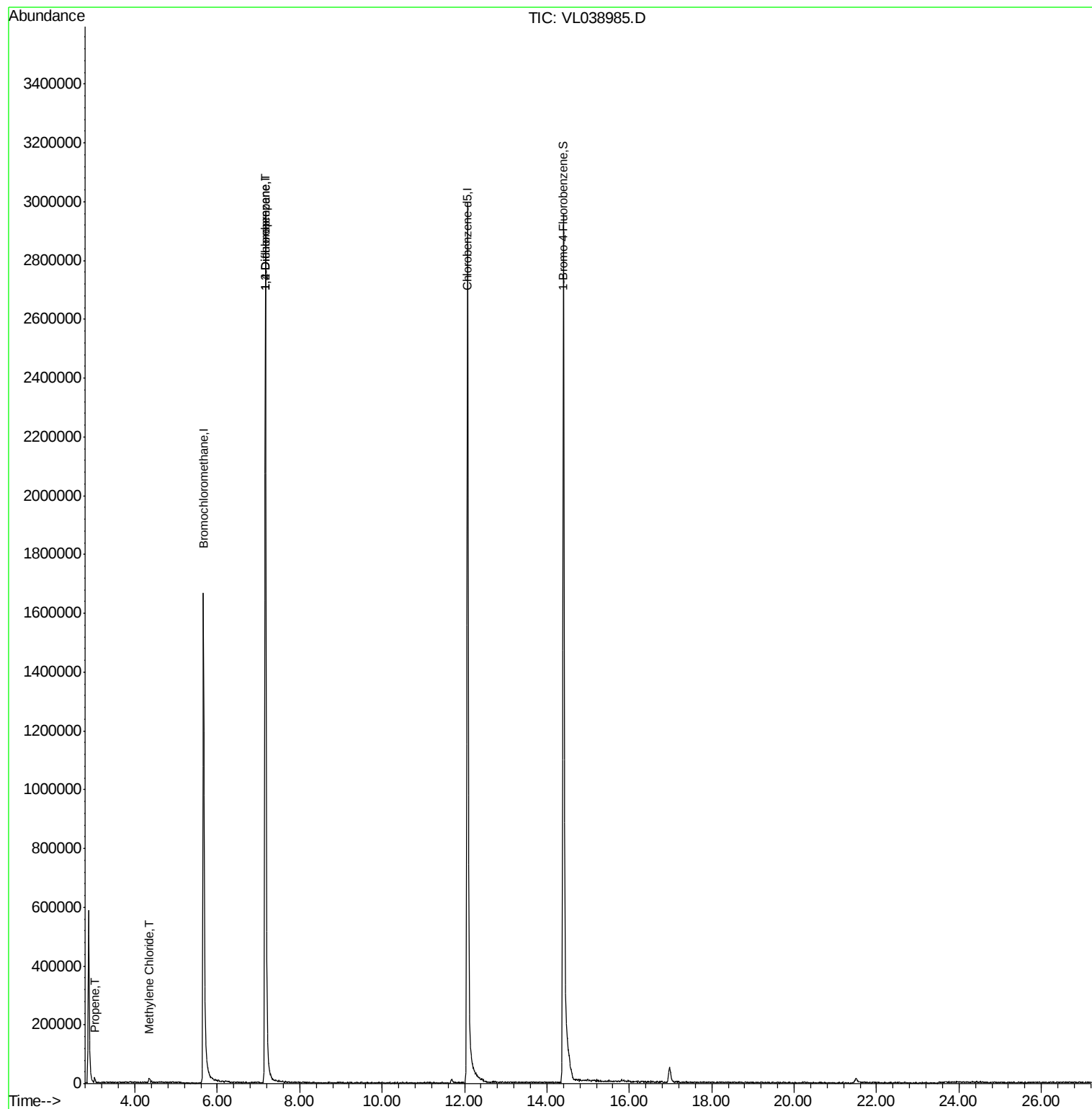
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.02	41	3345	0.062	ppbv	99
20) Methylene Chloride	4.34	84	2298	0.065	ppbv #	84
39) 1,2-Dichloropropane	7.17	63	666197	8.844	ppbv #	27

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL050522\
Data File : VL038985.D
Acq On : 5 May 2022 23:12
Operator : SY/AP
Sample : OC042722 CAN 10607
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: May 06 07:30:25 2022
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL050522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May 05 07:41:27 2022
QLast Update : Thu May 05 07:41:27 2022
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 5 May 2022 23:12

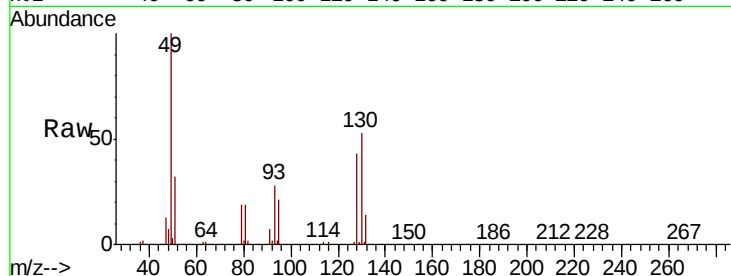
Tot Ion: 49 Resp: 988568

Ion Ratio Lower Upper

49 100

128 46.2 23.3 69.8

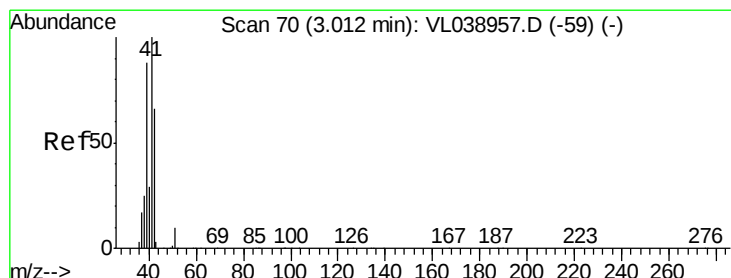
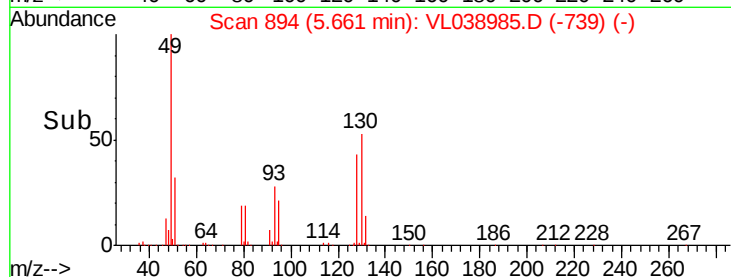
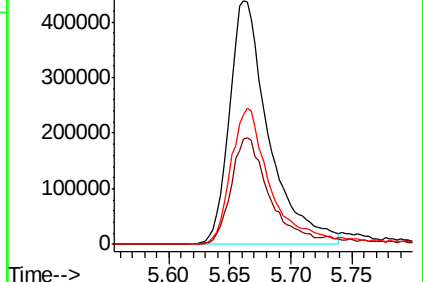
130 58.9 29.8 89.3



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



#9

Propene

Concen: 0.062 ppbv

RT: 3.02 min Scan# 74

Delta R.T. 0.01 min

Lab File: VL038985.D

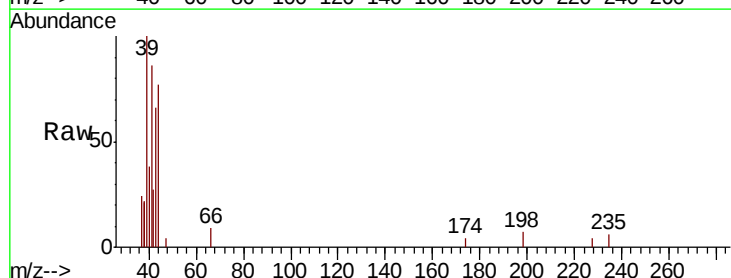
Acq: 5 May 2022 23:12

Tgt Ion: 41 Resp: 3345

Ion Ratio Lower Upper

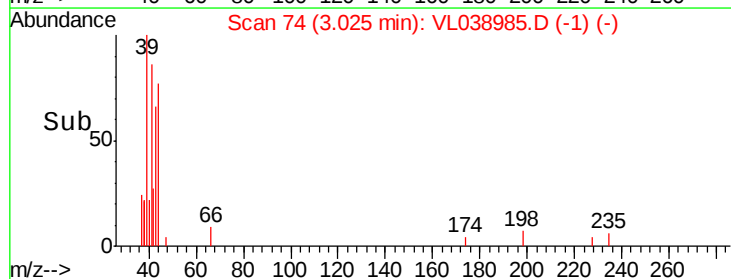
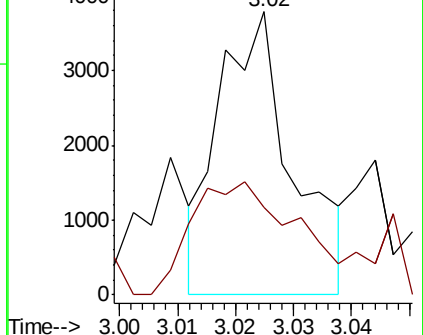
41 100

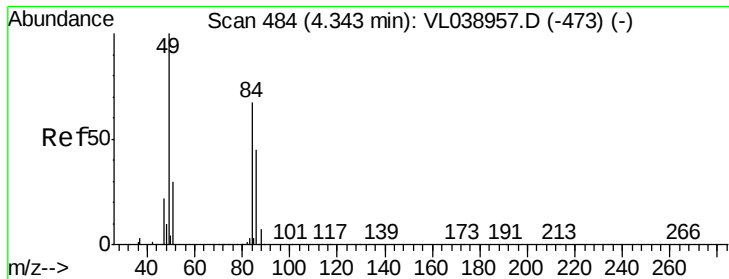
42 72.3 58.3 87.5



Abundance Ion 41.10 (40.80 to 41.80): VL0

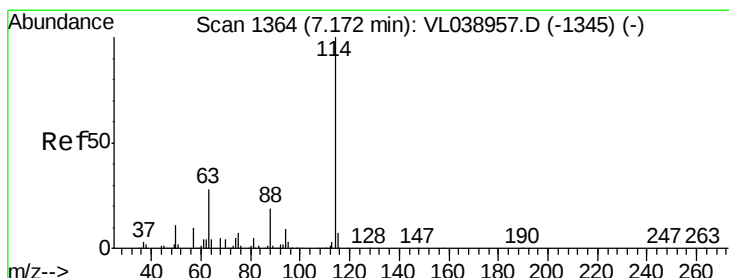
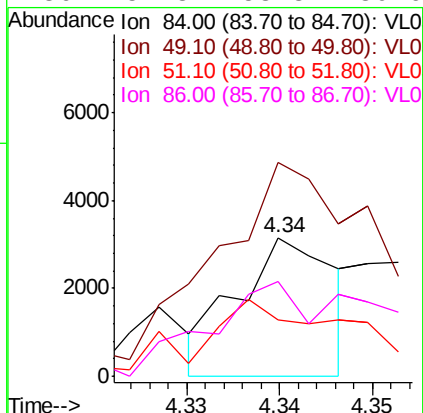
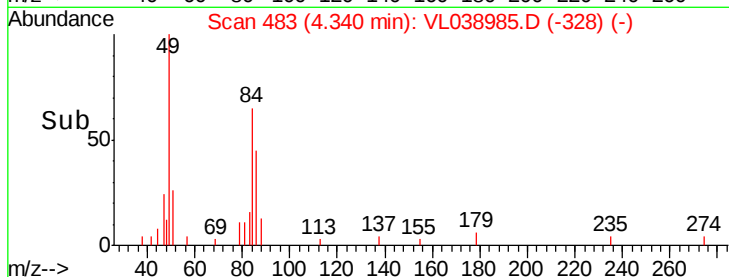
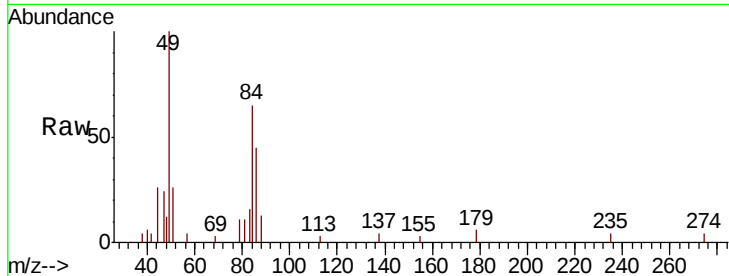
Ion 42.10 (41.80 to 42.80): VL0





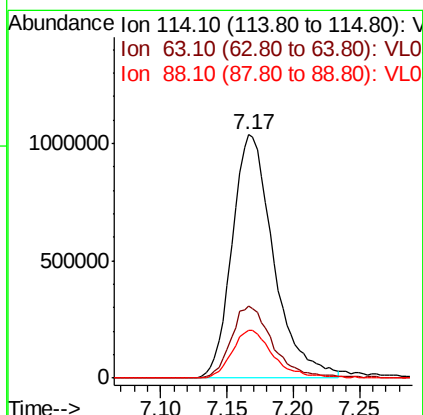
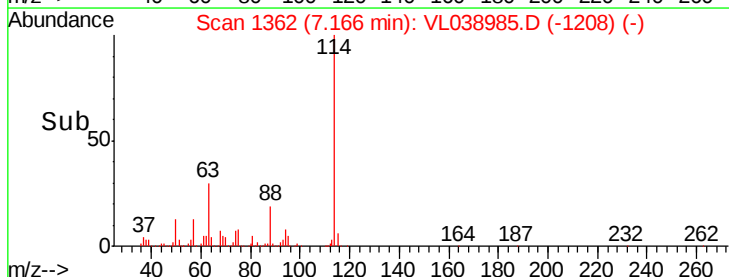
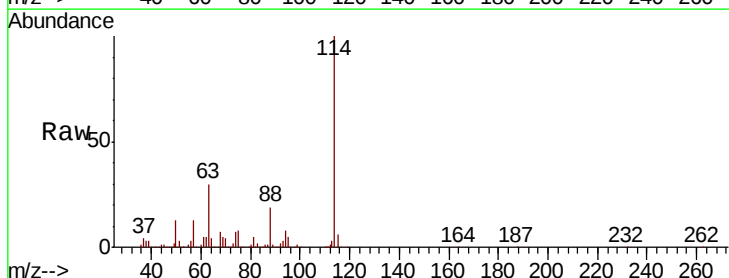
#20
Methvlene Chloride
Concen: 0.065 ppbv
RT: 4.34 Instrument :
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 5 May 2022 23:12

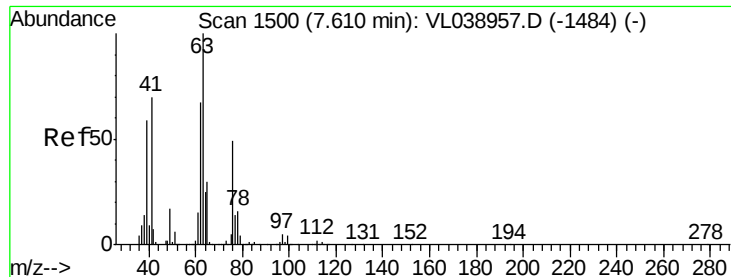
Tot Ion:	84	Resp:	2298
Ion	Ratio	Lower	Upper
84	100		
49	125.5	119.9	179.9
51	44.9	35.7	53.5
86	51.8	53.8	80.6#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1362
Delta R.T. -0.01 min
Lab File: VL038985.D
Acq: 5 May 2022 23:12

Tgt Ion:	114	Resp:	2262148
Ion	Ratio	Lower	Upper
114	100		
63	30.2	22.6	33.8
88	20.0	15.4	23.0





#39

1,2-Dichloropropane

Concen: 8.844 ppbv

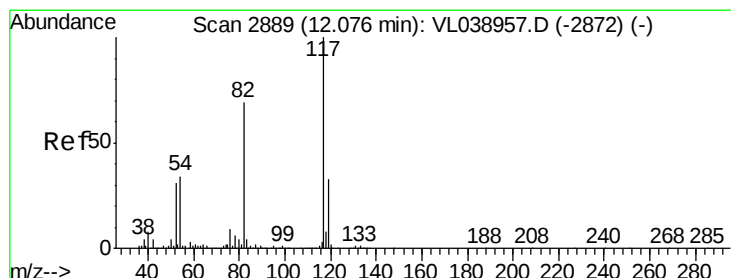
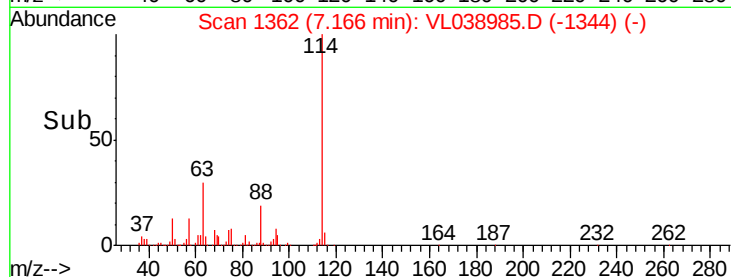
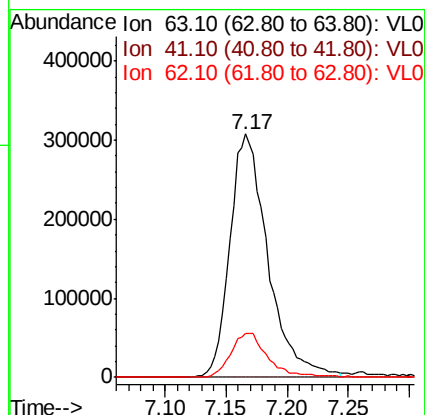
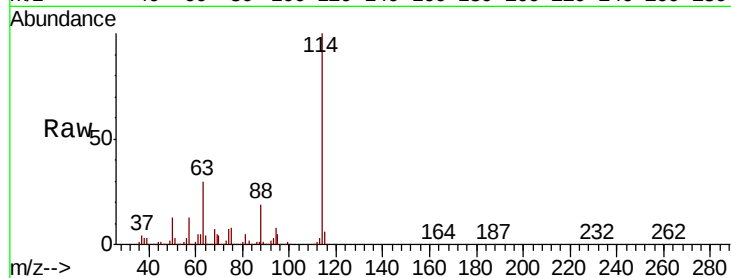
RT: 7.17 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 5 May 2022 23:12

Tot Ion:	63	Resp:	666197
Ion	Ratio	Lower	Upper
63	100		
41	0.2	55.9	83.9#
62	17.9	53.8	80.6#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

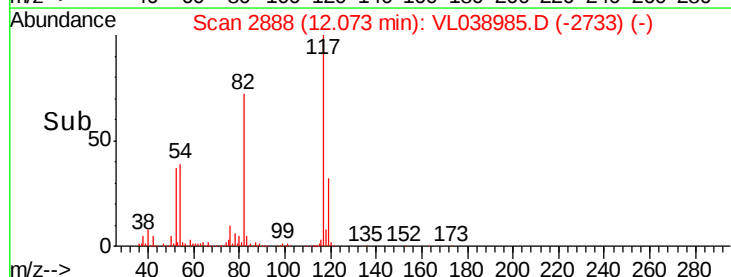
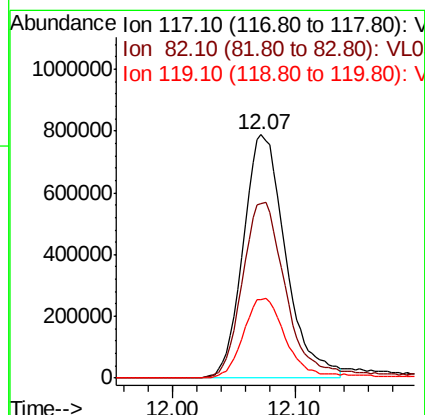
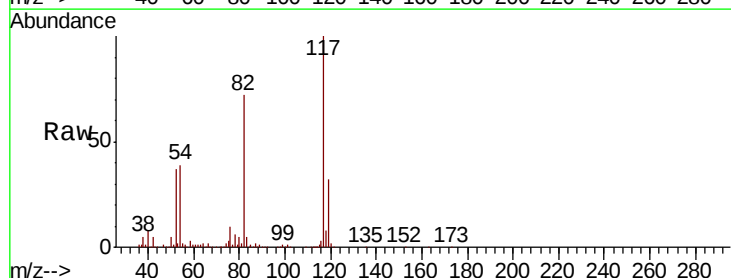
RT: 12.07 min Scan# 2888

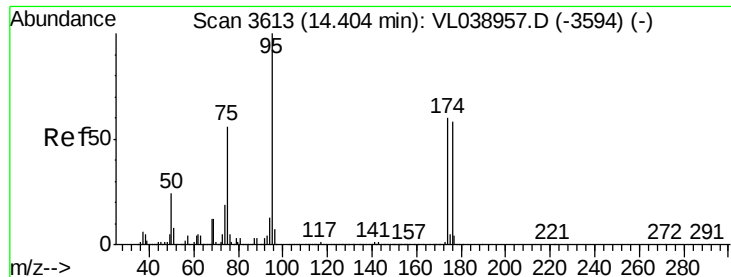
Delta R.T. -0.00 min

Lab File: VL038985.D

Acq: 5 May 2022 23:12

Tgt Ion:	117	Resp:	1890436
Ion	Ratio	Lower	Upper
117	100		
82	78.9	57.0	85.6
119	35.0	27.2	40.8





#68

1-Bromo-4-Fluorobenzene

Concen: 10.336 ppbv

RT: 14.40

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 5 May 2022 23.12

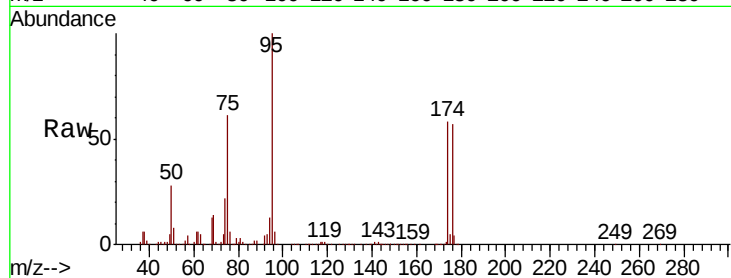
Tot Ion: 95 Resp: 1547405

Ion Ratio Lower Upper

95 100

174 63.3 50.8 76.2

175 4.3 3.8 5.6



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

