

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL050522\
 Data File : VL038984.D
 Acq On : 5 May 2022 22:34
 Operator : SY/AP
 Sample : OC042522 CAN 10283
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: May 06 07:30:19 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	1013033	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2315810	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	1920704	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	1582036	10.40	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.00%

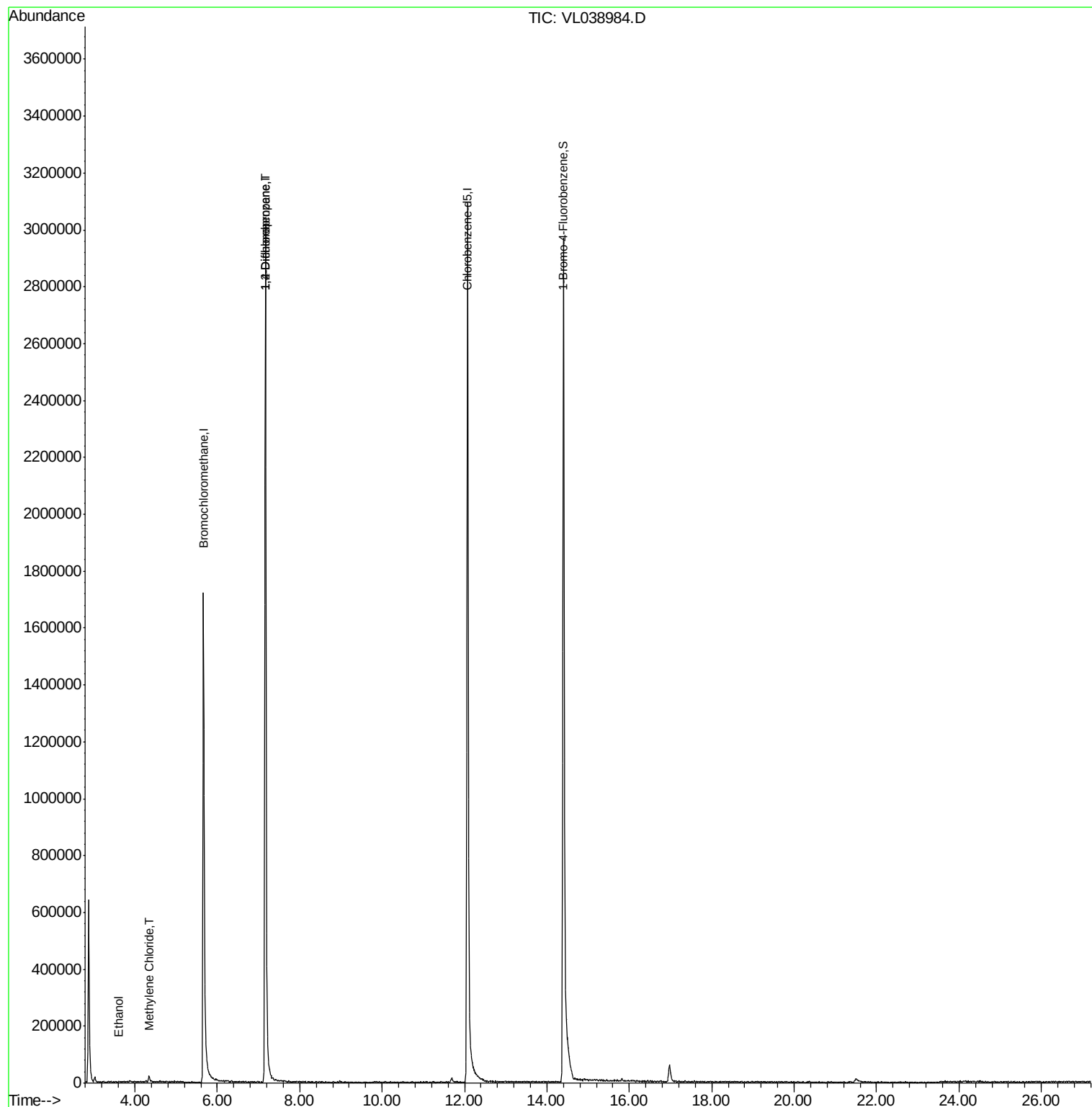
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.61	45	166	0.039	ppbv	64
20) Methylene Chloride	4.34	84	4297	0.119	ppbv #	79
39) 1,2-Dichloropropane	7.17	63	678978	8.805	ppbv #	26

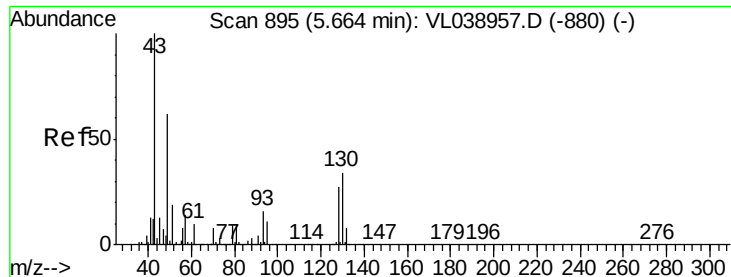
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL050522\
Data File : VL038984.D
Acq On : 5 May 2022 22:34
Operator : SY/AP
Sample : OC042522 CAN 10283
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: May 06 07:30:19 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 22:34

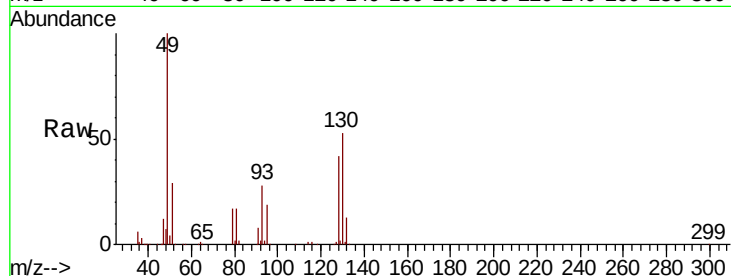
Tot Ion: 49 Resp: 1013033

Ion Ratio Lower Upper

49 100

128 46.0 23.3 69.8

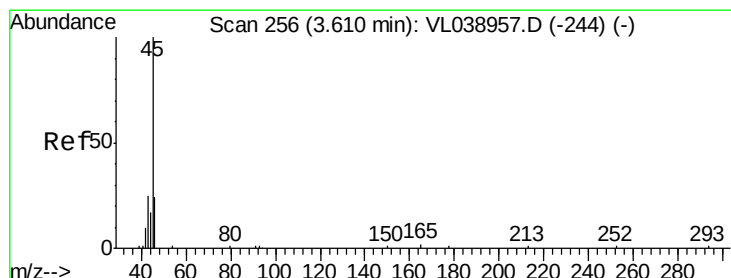
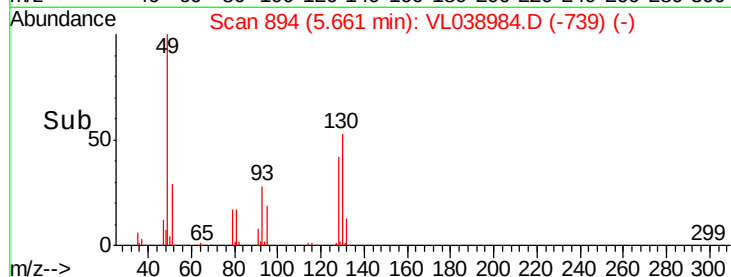
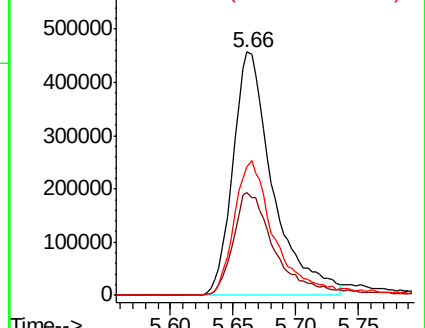
130 58.3 29.8 89.3



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



#13

Ethanol

Concen: 0.039 ppbv

RT: 3.61 min Scan# 256

Delta R.T. 0.00 min

Lab File: VL038984.D

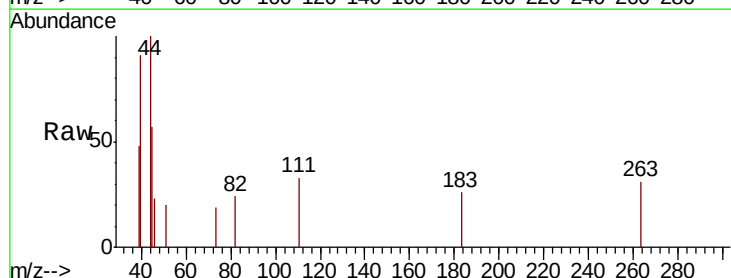
Acq: 5 May 2022 22:34

Tgt Ion: 45 Resp: 166

Ion Ratio Lower Upper

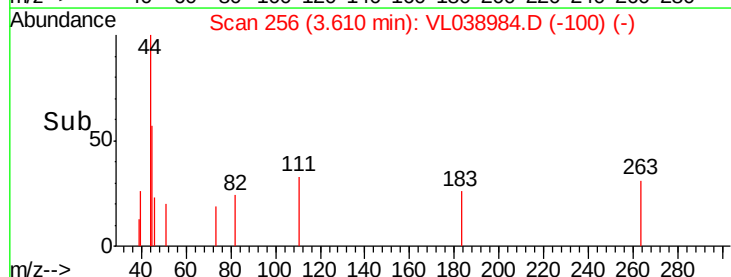
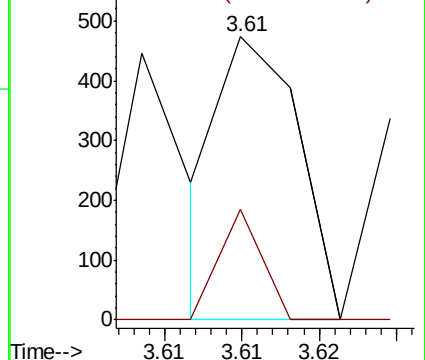
45 100

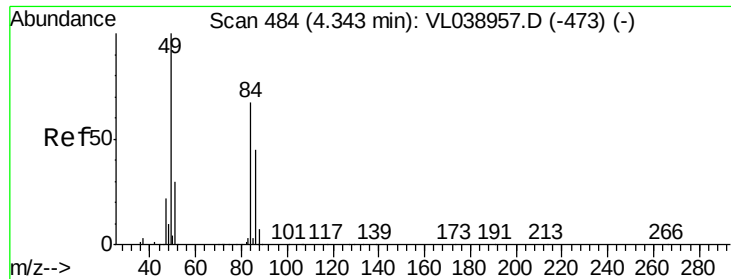
46 21.7 18.0 72.2



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





#20

Methylene Chloride

Concen: 0.119 ppbv

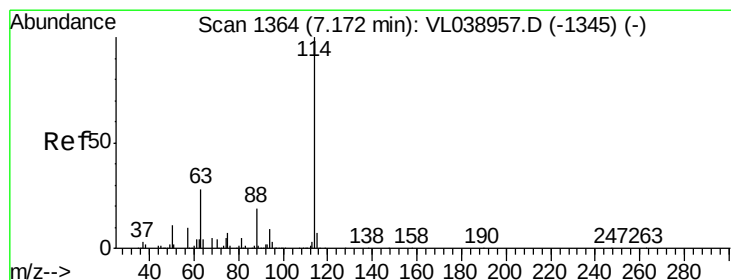
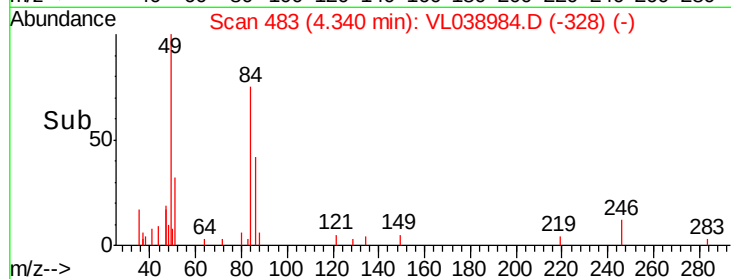
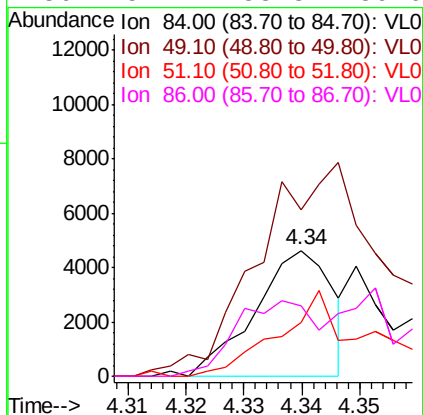
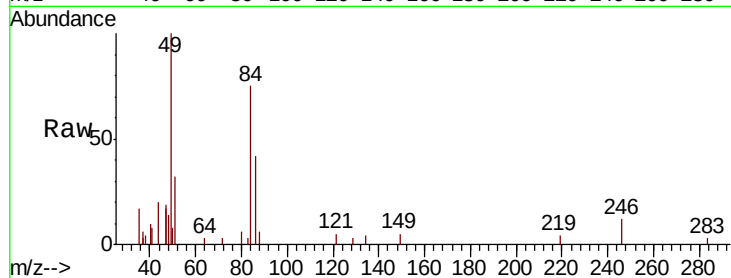
RT: 4.34 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 5 May 2022 22:34

Tot Ion:	84	Resp:	4297
Ion	Ratio	Lower	Upper
84	100		
49	115.6	119.9	179.9#
51	42.3	35.7	53.5
86	52.1	53.8	80.6#



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

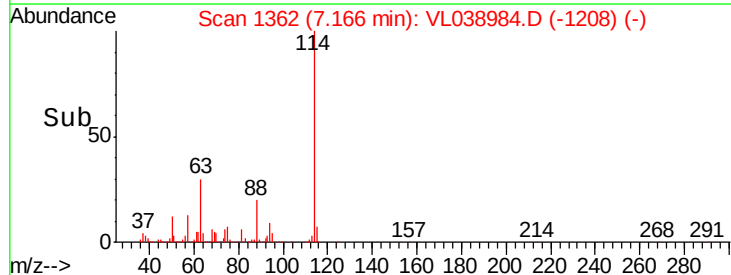
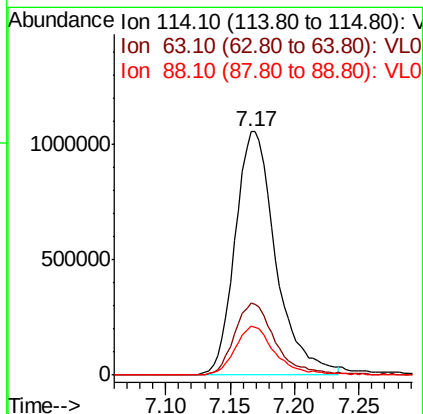
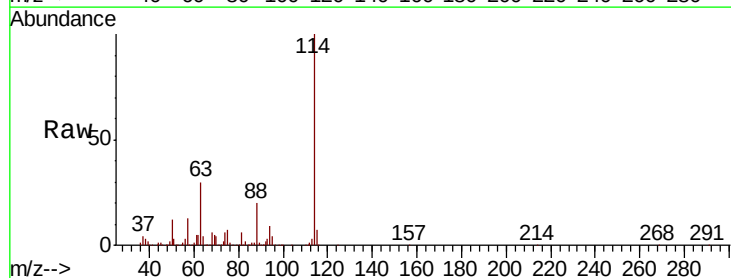
RT: 7.17 min Scan# 1362

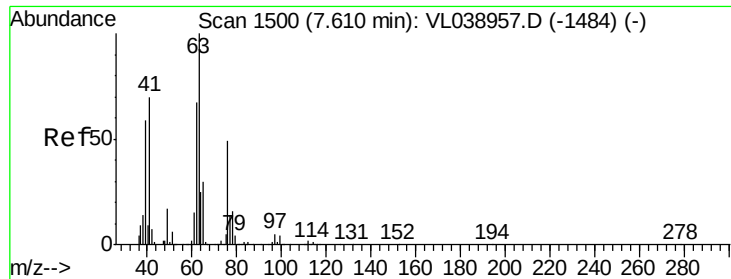
Delta R.T. -0.01 min

Lab File: VL038984.D

Acq: 5 May 2022 22:34

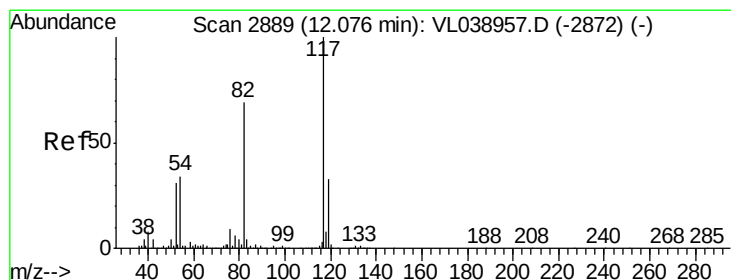
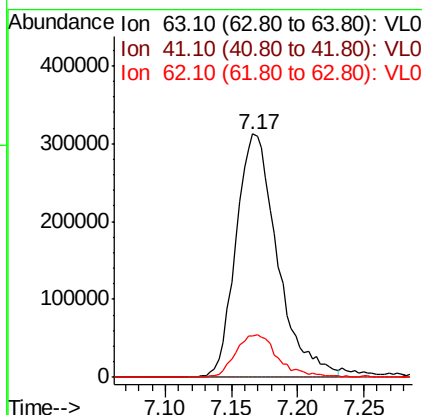
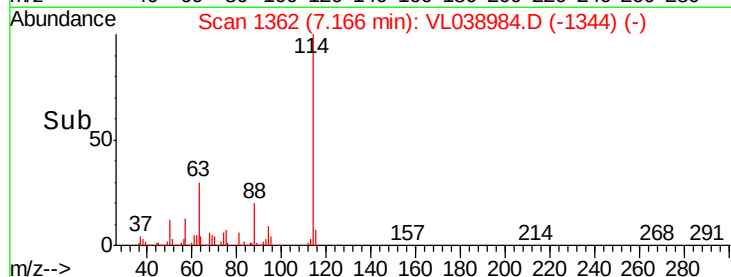
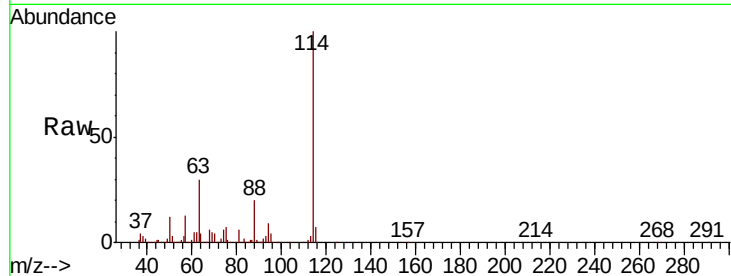
Tgt Ion:	114	Resp:	2315810
Ion	Ratio	Lower	Upper
114	100		
63	30.5	22.6	33.8
88	20.1	15.4	23.0





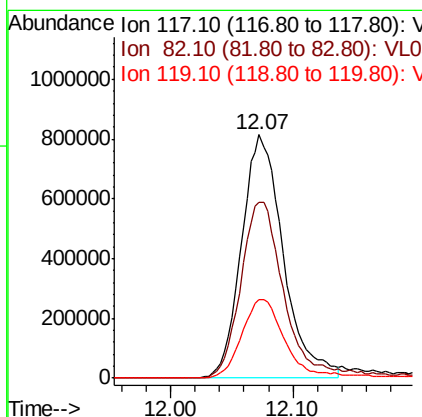
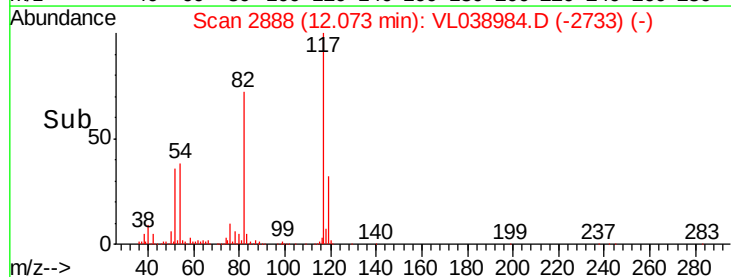
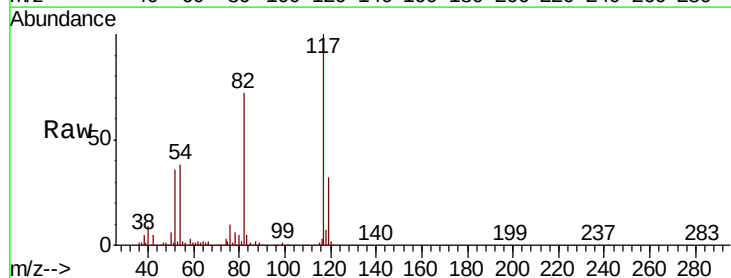
#39
 1,2-Dichloropropane
 Concen: 8.805 ppbv
 RT: 7.17
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 5 May 2022 22:34

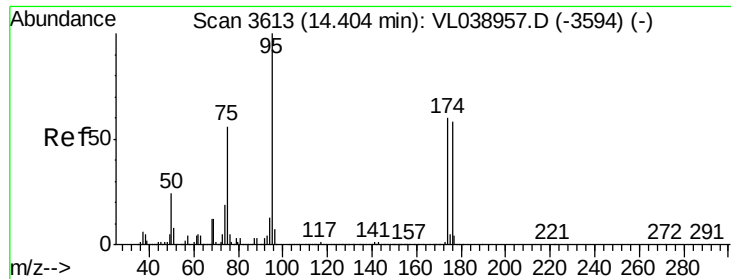
Tot Ion	Ratio	Lower	Upper
63	100		
41	0.1	55.9	83.9#
62	16.8	53.8	80.6#



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.07 min Scan# 2888
 Delta R.T. -0.00 min
 Lab File: VL038984.D
 Acq: 5 May 2022 22:34

Tgt Ion	Ratio	Lower	Upper
117	100		
82	76.1	57.0	85.6
119	34.4	27.2	40.8





#68

1-Bromo-4-Fluorobenzene

Concen: 10.401 ppbv

RT: 14.40

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 5 May 2022 22:34

Tot Ion: 95 Resp: 1582036

Ion Ratio Lower Upper

95 100

174 63.2 50.8 76.2

175 4.6 3.8 5.6

