

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL052522\
 Data File : VL039130.D
 Acq On : 26 May 2022 11:18
 Operator : SY/AP
 Sample : OC052522 CAN 10294
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC052522 CAN 10294

Quant Time: May 27 04:26:44 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 10:12:15 2022
 QLast Update : Thu May 05 10:12:15 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	909952	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.15	114	2075307	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.05	117	1685216	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.38	95	1482167	11.11	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	111.10%

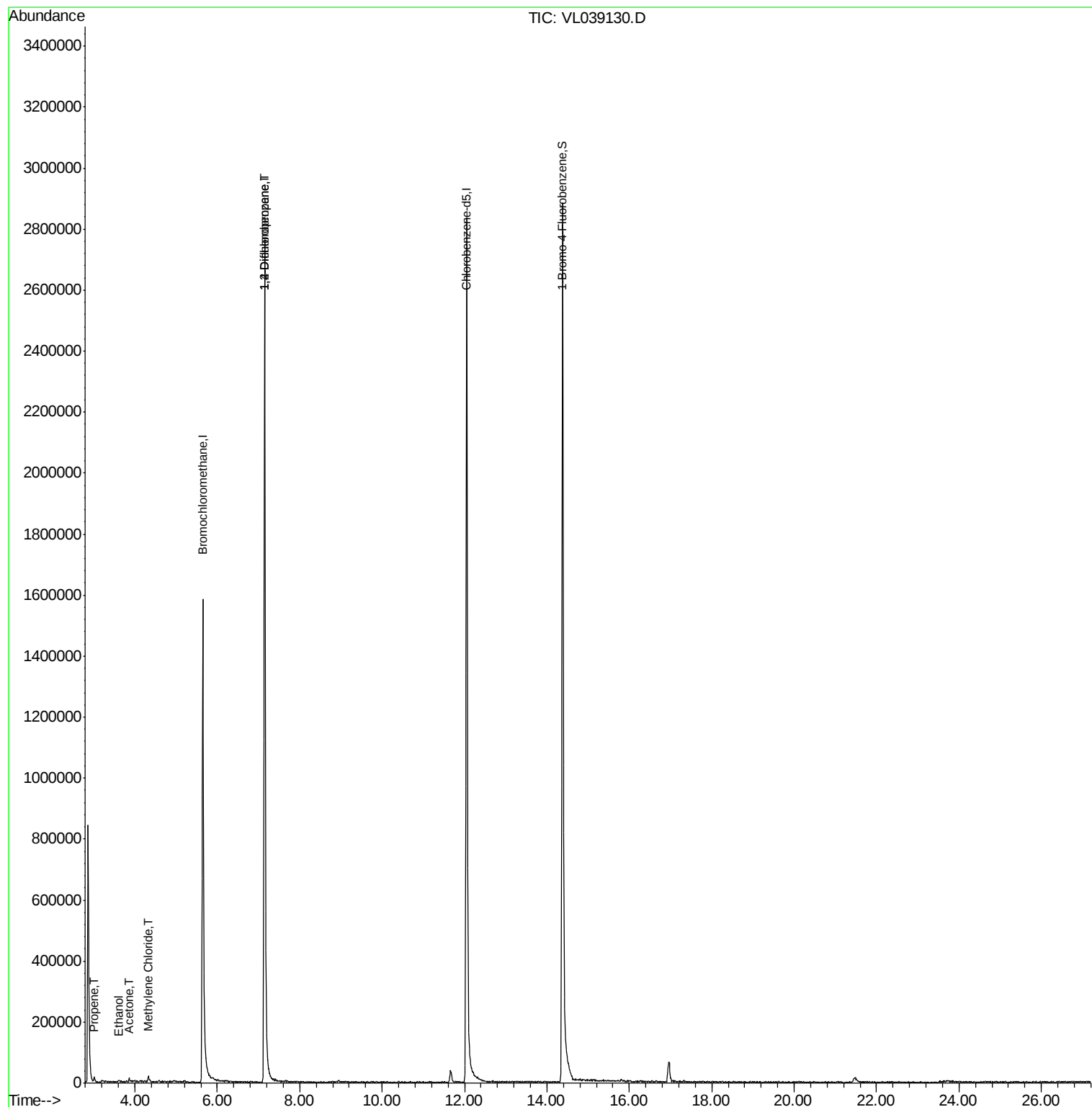
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.01	41	2808	0.057	ppbv #	13
13) Ethanol	3.60	45	565	0.162	ppbv #	31
15) Acetone	3.86	43	7063	0.082	ppbv #	67
20) Methylene Chloride	4.33	84	3952	0.122	ppbv #	44
39) 1,2-Dichloropropane	7.15	63	611077	8.843	ppbv #	27

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

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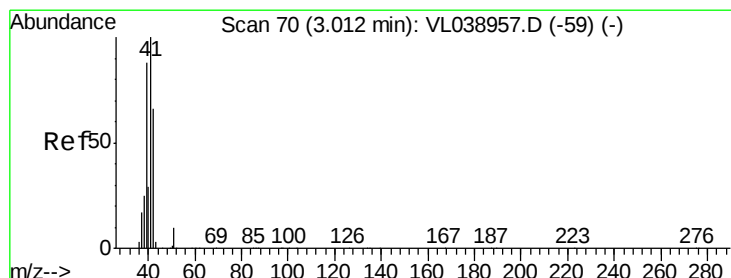
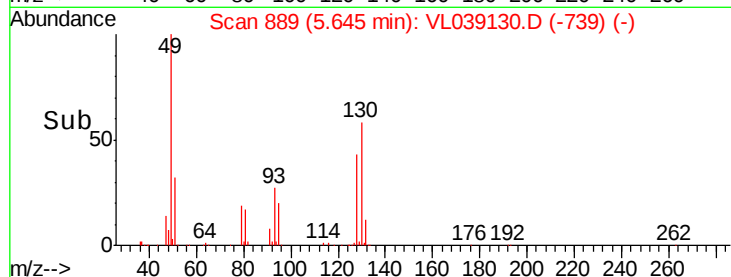
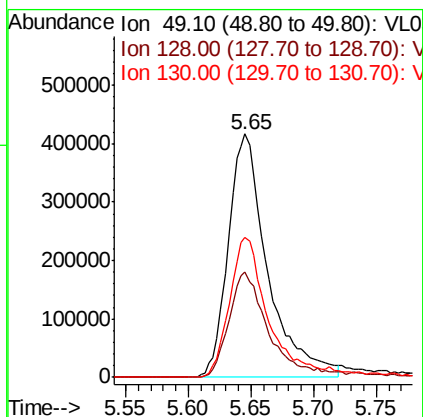
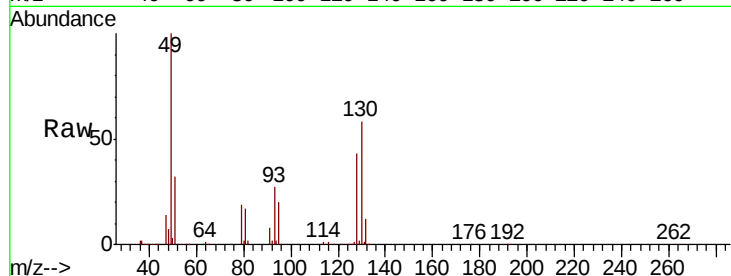
Quant Time: May 27 04:26:44 2022
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL050522AIR.M
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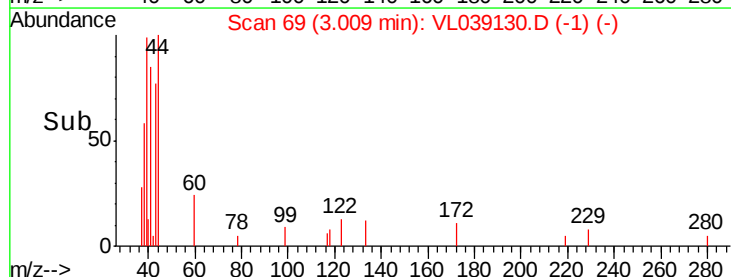
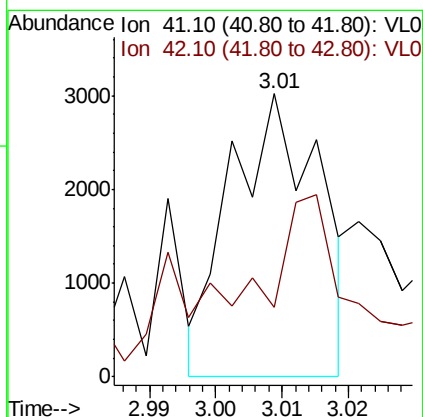
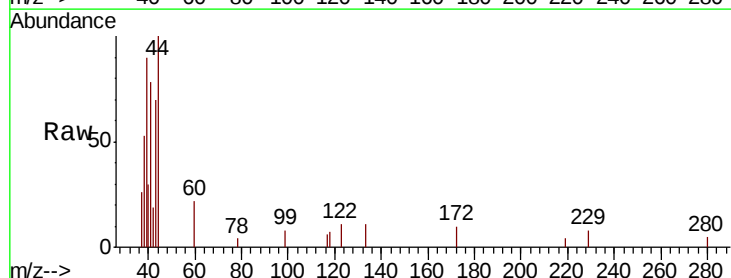
#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.65
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 OC052522 CAN 10294
 Acq: 26 May 2022 11:18

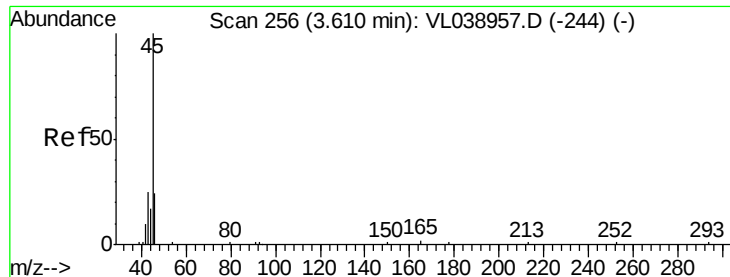
Tot Ion: 49 Resp: 909952
 Ion Ratio Lower Upper
 49 100
 128 45.8 23.3 69.8
 130 59.9 29.8 89.3



#9
 Propene
 Concen: 0.057 ppbv
 RT: 3.01 min Scan# 69
 Delta R.T.: -0.00 min
 Lab File: VL039130.D
 Acq: 26 May 2022 11:18

Tgt Ion: 41 Resp: 2808
 Ion Ratio Lower Upper
 41 100
 42 0.0 58.3 87.5#





#13

Ethanol

Concen: 0.162 ppbv

RT: 3.60 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

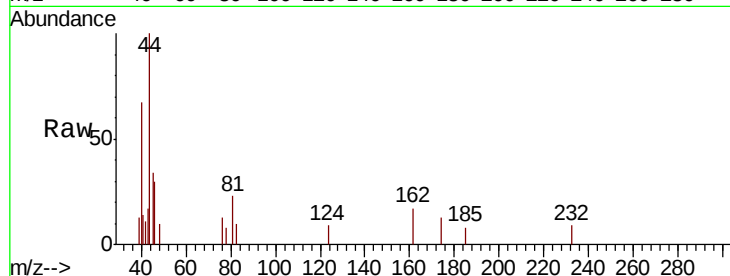
Acq: 26 May 2022 11:18 OC052522 CAN 10294

Tot Ion: 45 Resp: 565

Ion Ratio Lower Upper

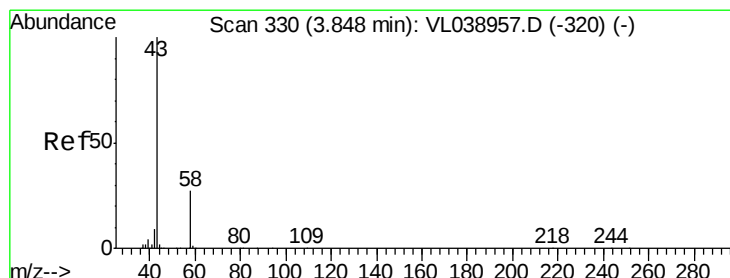
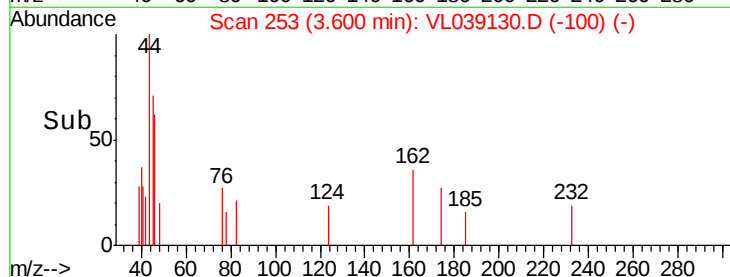
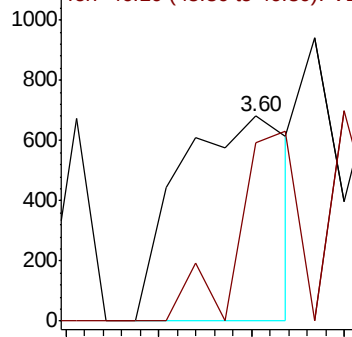
45 100

46 0.0 18.0 72.2#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0



#15

Acetone

Concen: 0.082 ppbv

RT: 3.86 min Scan# 333

Delta R.T. 0.01 min

Lab File: VL039130.D

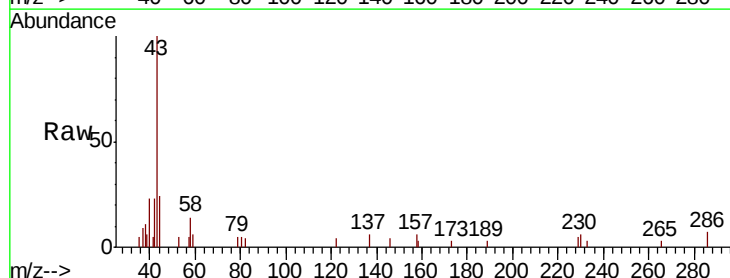
Acq: 26 May 2022 11:18

Tgt Ion: 43 Resp: 7063

Ion Ratio Lower Upper

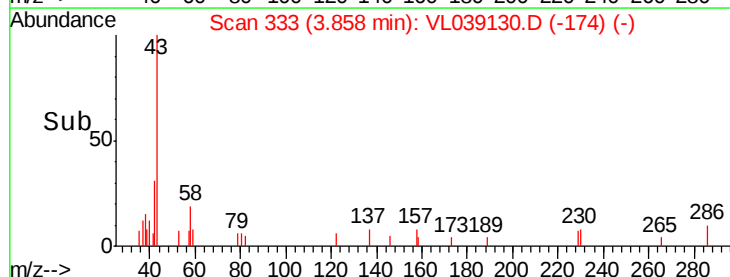
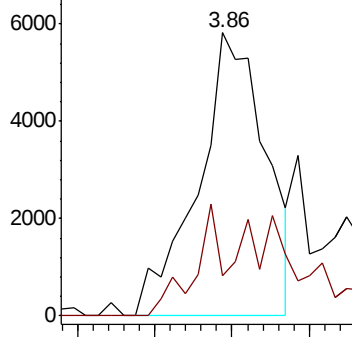
43 100

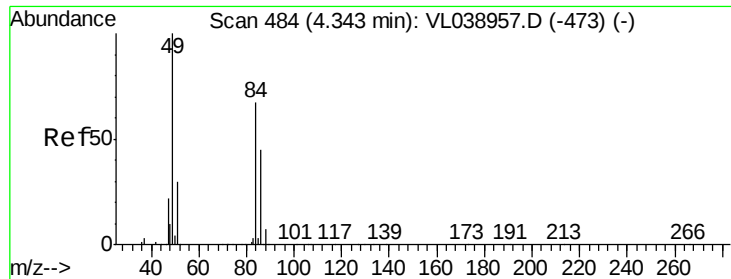
58 43.8 21.3 31.9#



Abundance Ion 43.10 (42.80 to 43.80): VL0

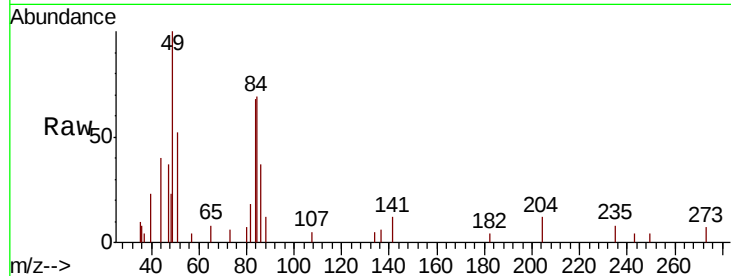
Ion 58.10 (57.80 to 58.80): VL0





#20
Methylene Chloride
Concen: 0.122 ppbv
RT: 4.33
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
OC052522 CAN 10294
Acq: 26 May 2022 11:18

Tot Ion:	84	Resp:	3952
Ion	Ratio	Lower	Upper
84	100		
49	60.5	119.9	179.9#
51	35.5	35.7	53.5#
86	26.9	53.8	80.6#



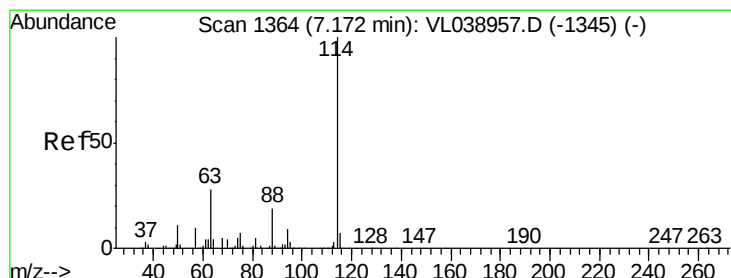
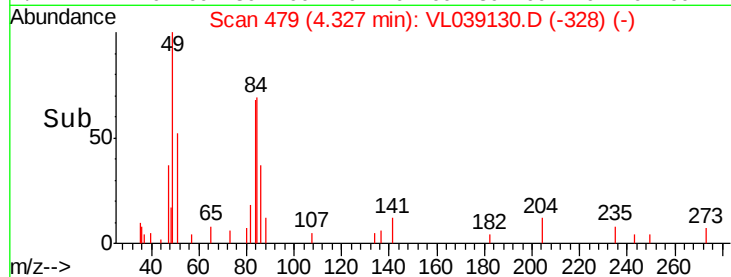
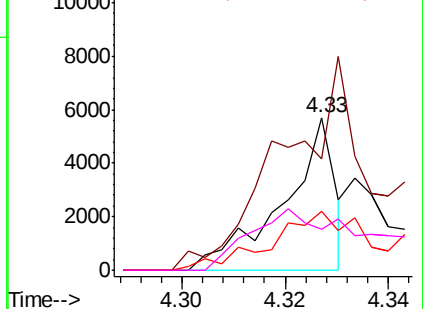
Abundance

Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

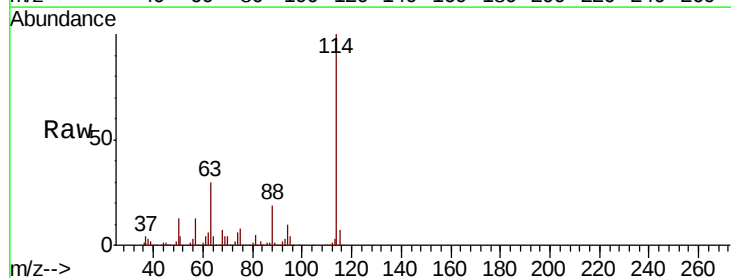
Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.15 min Scan# 1356
Delta R.T. -0.03 min
Lab File: VL039130.D
Acq: 26 May 2022 11:18

Tgt Ion:	114	Resp:	2075307
Ion	Ratio	Lower	Upper
114	100		
63	30.3	22.6	33.8
88	19.5	15.4	23.0

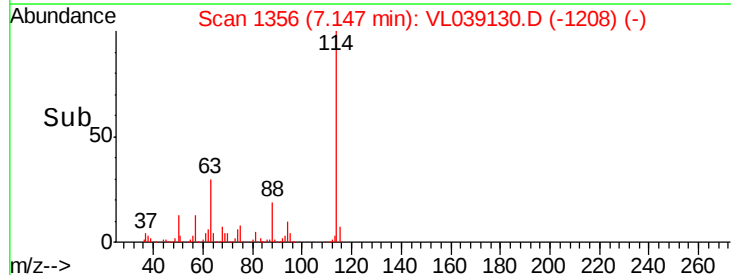
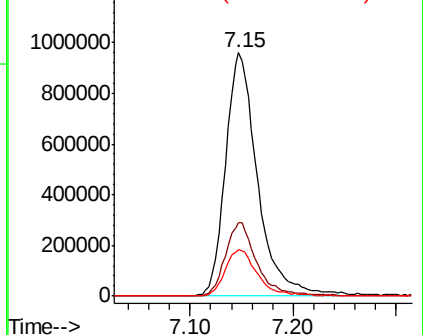


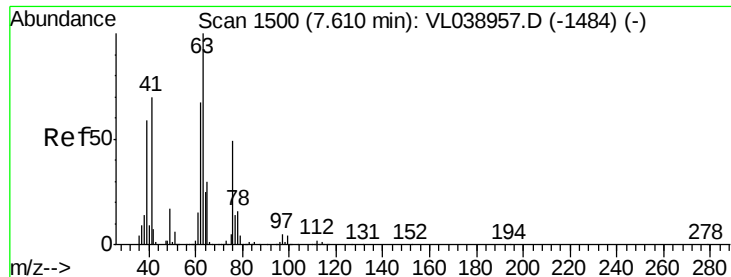
Abundance

Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0





#39

1,2-Dichloropropane

Concen: 8.843 ppbv

RT: 7.15 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 26 May 2022 11:18

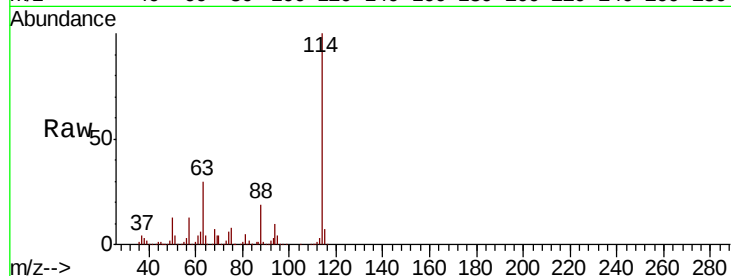
Tot Ion: 63 Resp: 611077

Ion Ratio Lower Upper

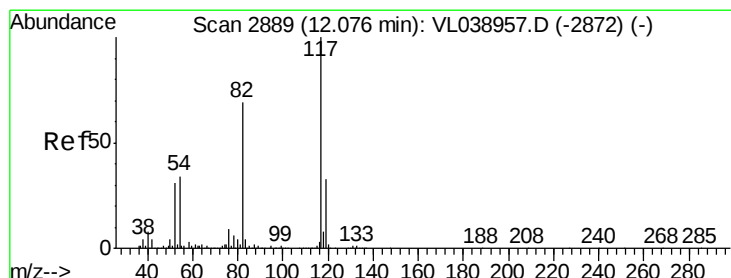
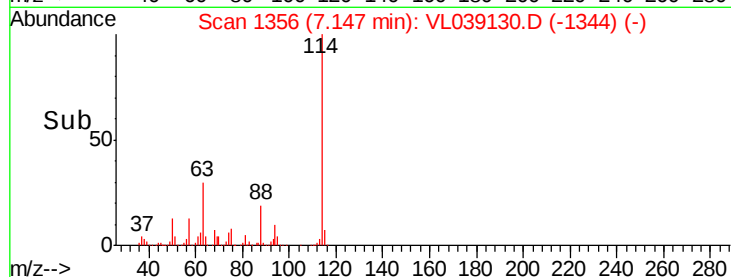
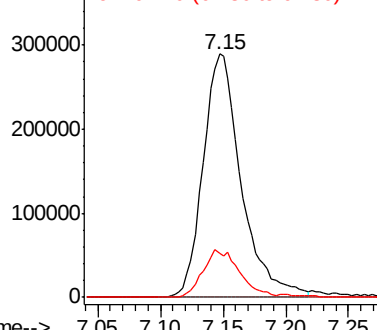
63 100

41 0.1 55.9 83.9#

62 18.3 53.8 80.6#



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: 12.05 min Scan# 2881

Delta R.T. -0.03 min

Lab File: VL039130.D

Acq: 26 May 2022 11:18

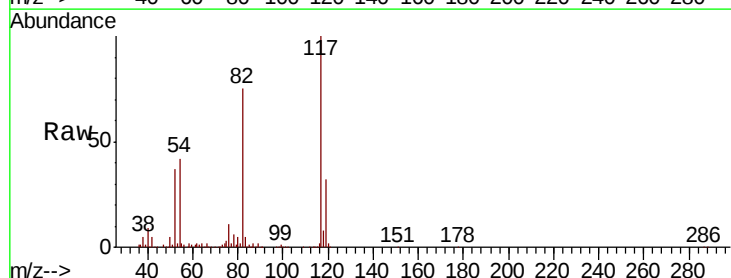
Tgt Ion: 117 Resp: 1685216

Ion Ratio Lower Upper

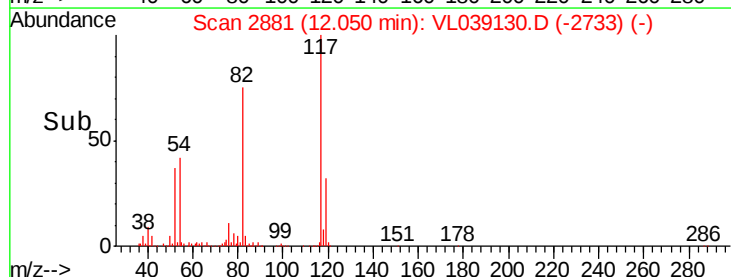
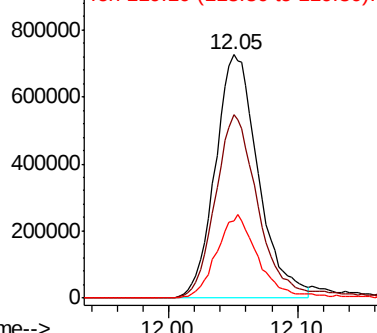
117 100

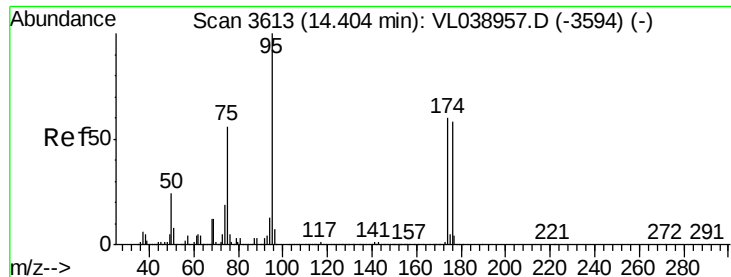
82 78.5 57.0 85.6

119 34.0 27.2 40.8



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: 11.106 ppbv

RT: 14.38

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 26 May 2022 11:10

Tot Ion: 95 Resp: 1482167

Ion Ratio Lower Upper

95 100

174 59.0 50.8 76.2

175 4.1 3.8 5.6

