

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030322\
 Data File : VL038530.D
 Acq On : 4 Mar 2022 1:41
 Operator : SY/AP
 Sample : CAN 10606
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Mar 04 04:35:28 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL022222AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Feb 22 19:45:51 2022
 QLast Update : Tue Feb 22 19:45:51 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	806834	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.14	114	1795941	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.04	117	1635016	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.37	95	1310085	9.68	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.80%

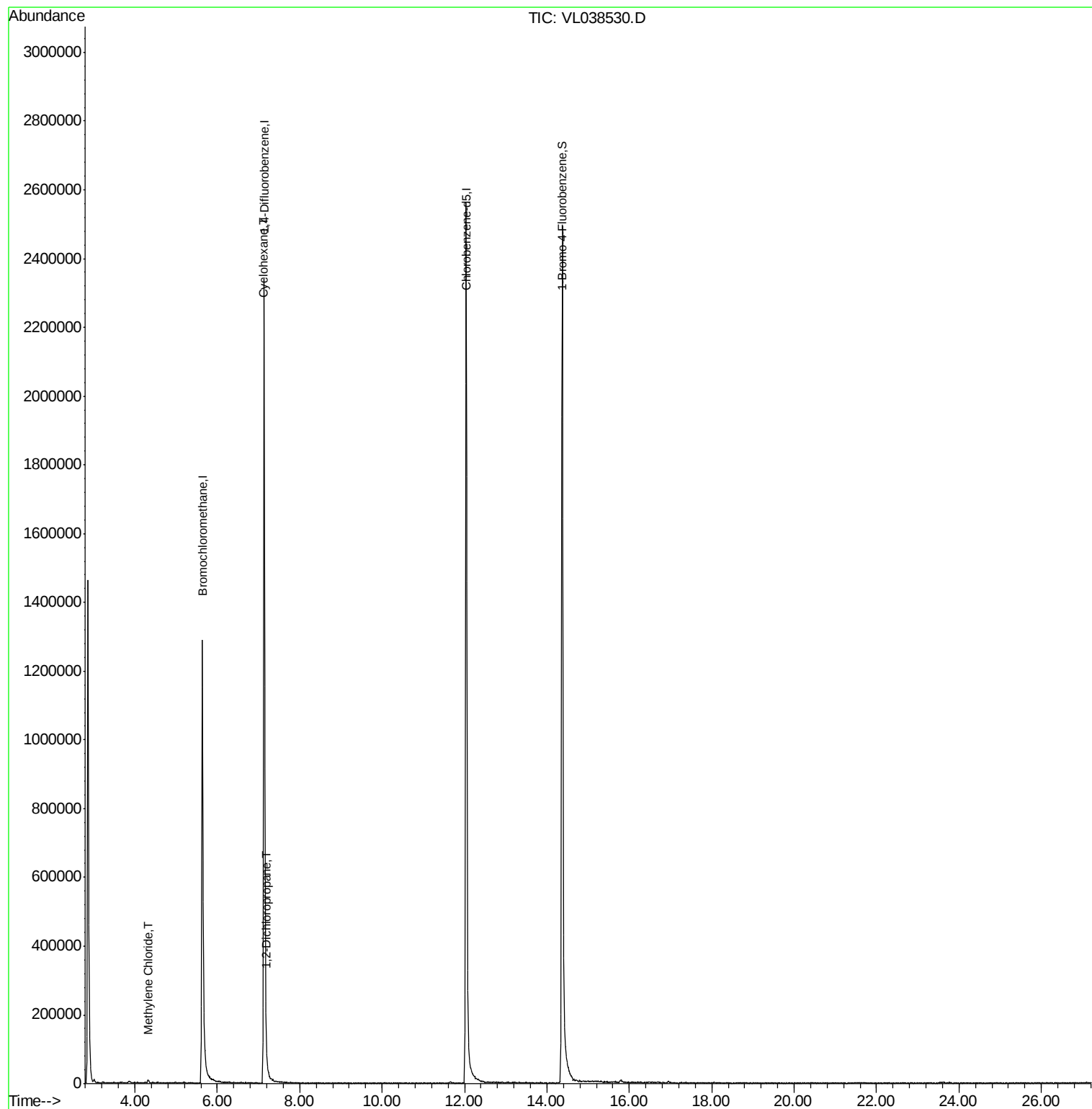
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
20) Methylene Chloride	4.32	84	1807	0.053	ppbv #	79
30) Cyclohexane	7.12	84	3402	0.050	ppbv #	1
39) 1,2-Dichloropropane	7.19	63	8612	0.137	ppbv #	25

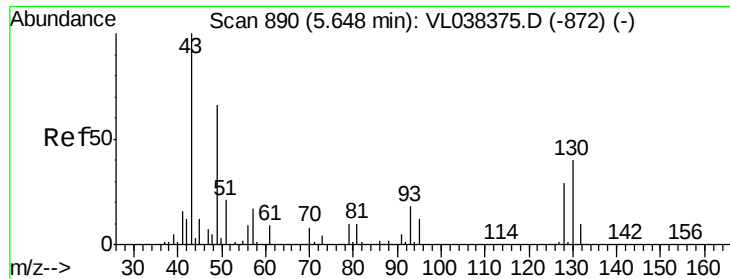
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.64 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 4 Mar 2022 1:41

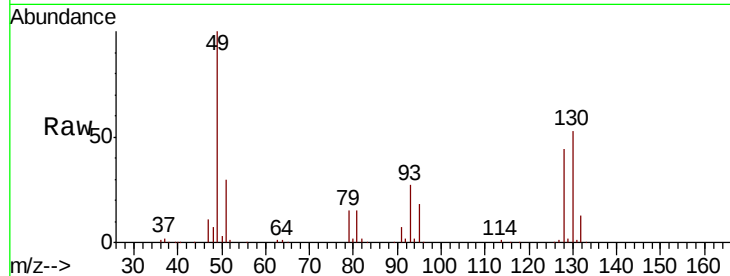
Tot Ion: 49 Resp: 806834

Ion Ratio Lower Upper

49 100

128 45.5 24.3 72.9

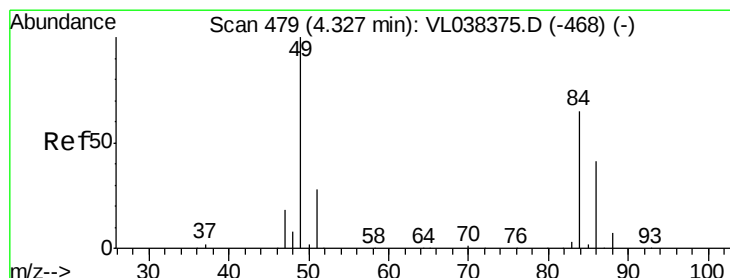
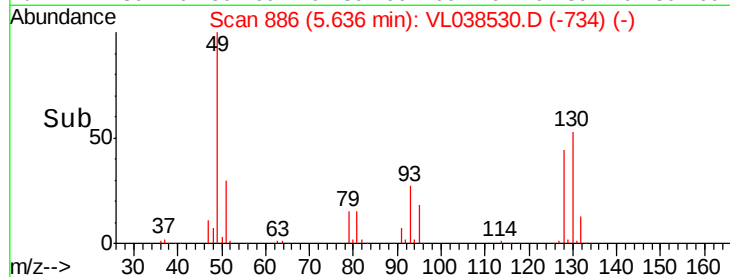
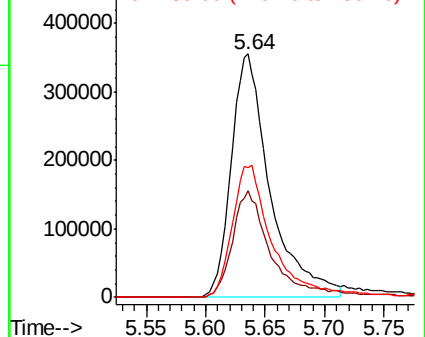
130 57.3 30.1 90.5



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#20

Methylene Chloride

Concen: 0.053 ppbv

RT: 4.32 min Scan# 476

Delta R.T. -0.01 min

Lab File: VL038530.D

Acq: 4 Mar 2022 1:41

Tgt Ion: 84 Resp: 1807

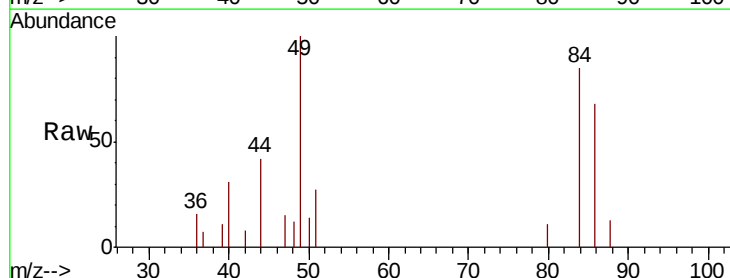
Ion Ratio Lower Upper

84 100

49 117.8 122.4 183.6#

51 31.4 33.3 49.9#

86 71.6 50.7 76.1

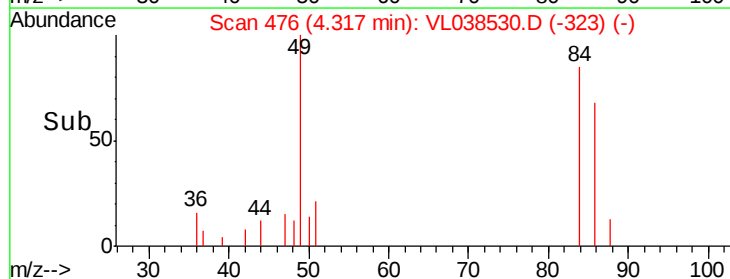
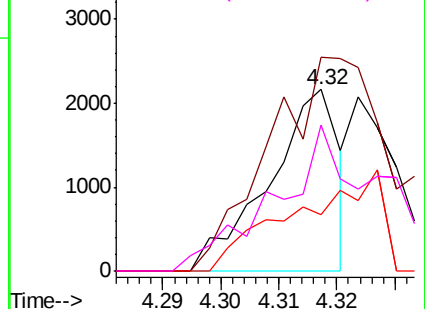


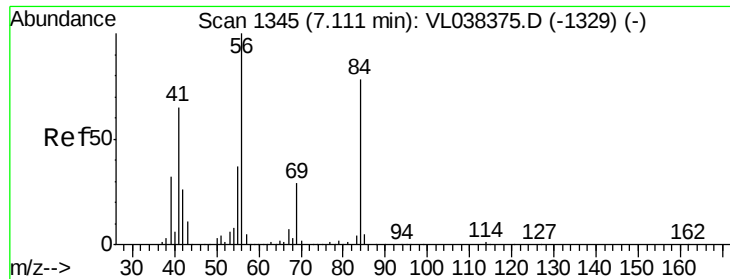
Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

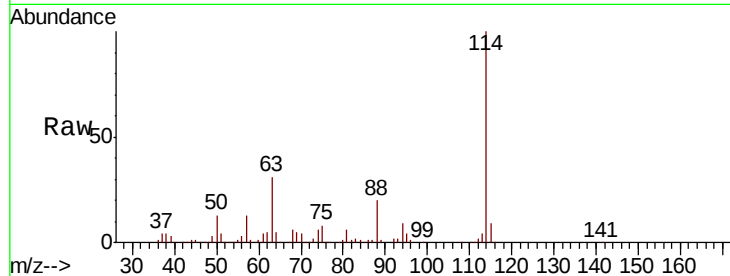
Ion 86.00 (85.70 to 86.70): VL0





#30
Cyclohexane
Concen: 0.050 ppbv
RT: 7.12 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 4 Mar 2022 1:41

Tot Ion	Ratio	Lower	Upper
84	100		
56	0.0	116.2	174.4#
41	1.0	74.3	111.5#

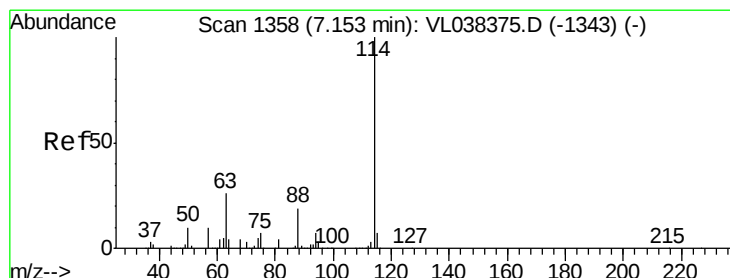
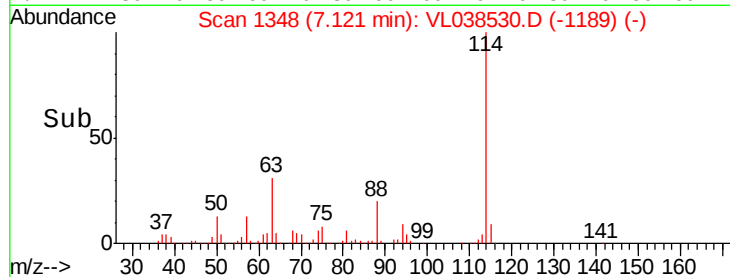
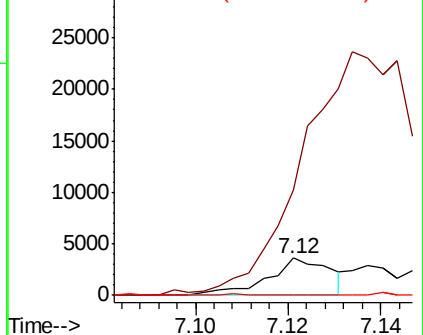


Abundance

Ion 84.20 (83.90 to 84.90): VL0

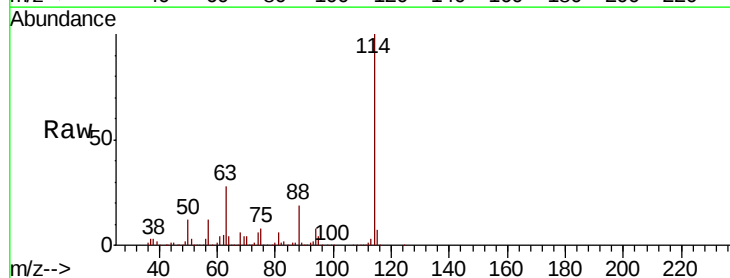
Ion 56.10 (55.80 to 56.80): VL0

Ion 41.10 (40.80 to 41.80): VL0



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.14 min Scan# 1353
Delta R.T. -0.02 min
Lab File: VL038530.D
Acq: 4 Mar 2022 1:41

Tgt Ion	Ratio	Lower	Upper
114	100		
63	29.2	22.2	33.2
88	19.4	15.2	22.8

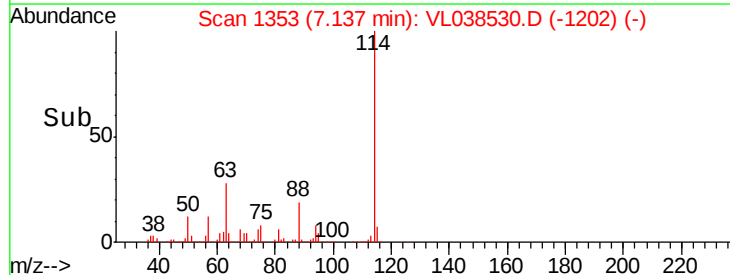
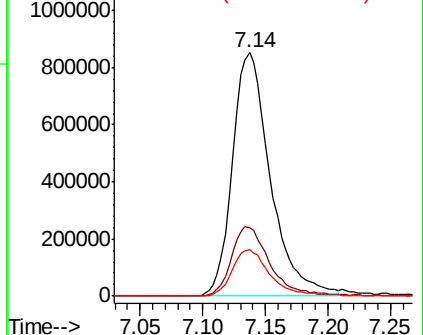


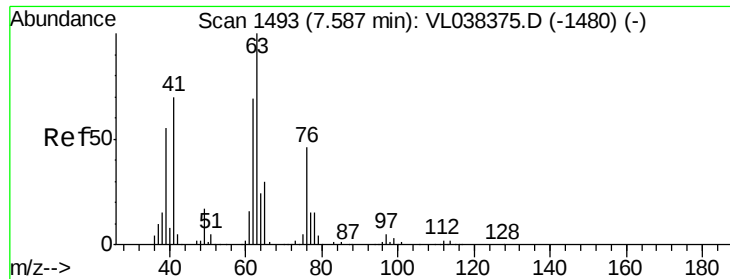
Abundance

Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

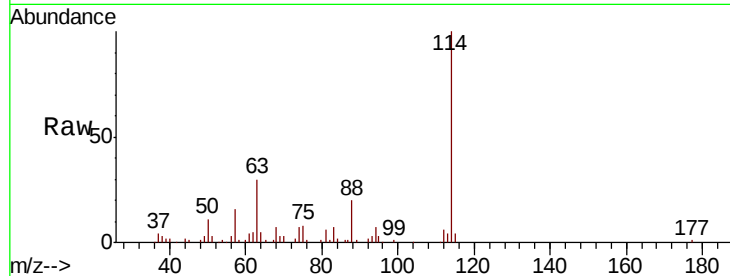
Ion 88.10 (87.80 to 88.80): VL0





#39
 1,2-Dichloropropane
 Concen: 0.137 ppbv
 RT: 7.19
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId:
 Acq: 4 Mar 2022 1:41

Tot Ion	63	Resp	8612
Ion	Ratio	Lower	Upper
63	100		
41	2.2	56.1	84.1#
62	14.5	55.5	83.3#

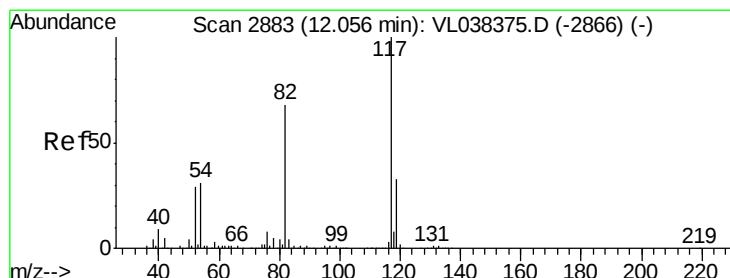
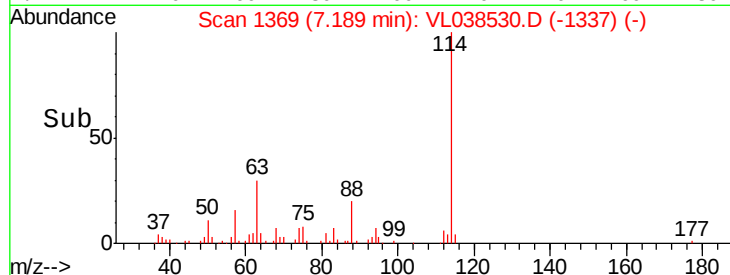
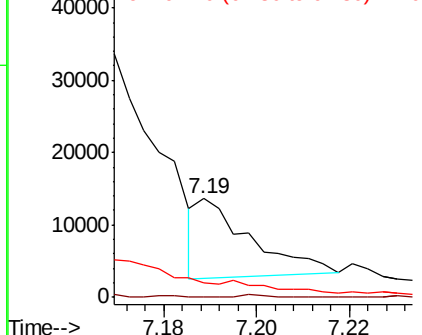


Abundance

Ion 63.10 (62.80 to 63.80): VL0

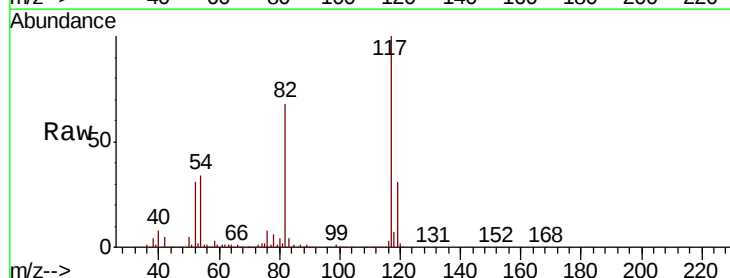
Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.04 min Scan# 2878
 Delta R.T. -0.02 min
 Lab File: VL038530.D
 Acq: 4 Mar 2022 1:41

Tgt Ion	117	Resp	1635016
Ion	Ratio	Lower	Upper
117	100		
82	71.3	54.9	82.3
119	32.8	46.1	69.1#

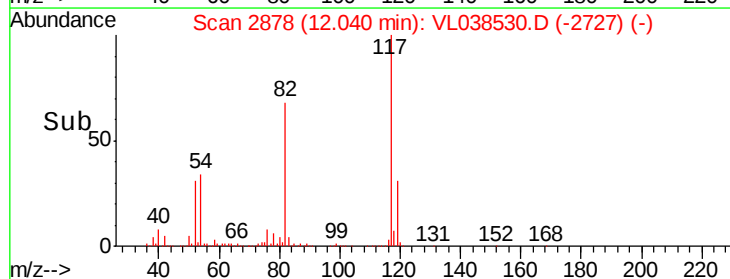
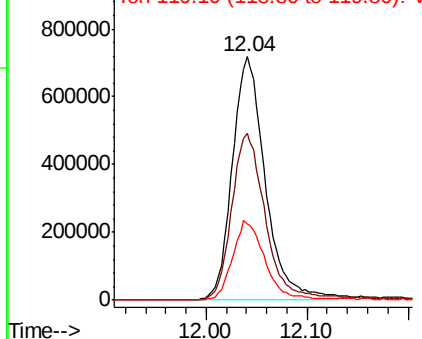


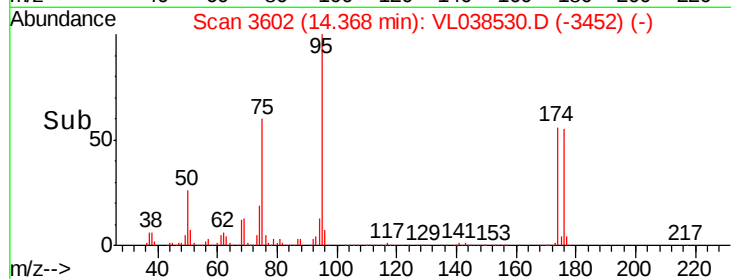
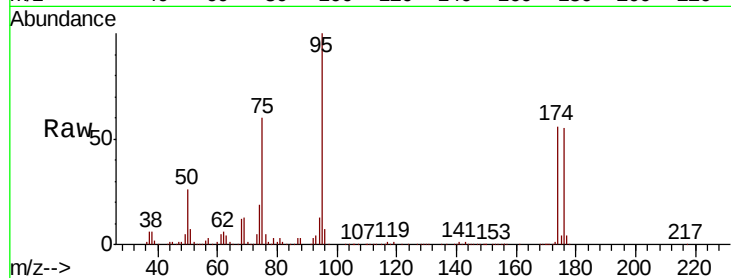
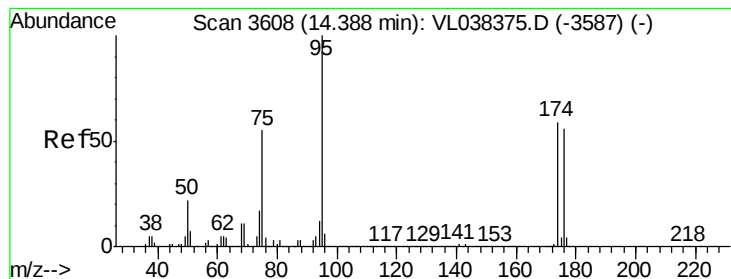
Abundance

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: 9.684 ppbv

RT: 14.37 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 4 Mar 2022 1.41

Tot Ion: 95 Resp: 1310085

Ion Ratio Lower Upper

95 100

174 59.6 49.0 73.4

175 4.3 3.6 5.4

