

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030922\
 Data File : VL038588.D
 Acq On : 10 Mar 2022 9:14
 Operator : SY/AP
 Sample : QC030922 CAN 10153
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC030922 CAN 10153

Quant Time: Mar 11 00:18:55 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030822AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Mar 08 21:18:44 2022
 QLast Update : Tue Mar 08 21:18:44 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	781559	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	1974061	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.06	117	1742414	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	1329494	10.04	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.40%

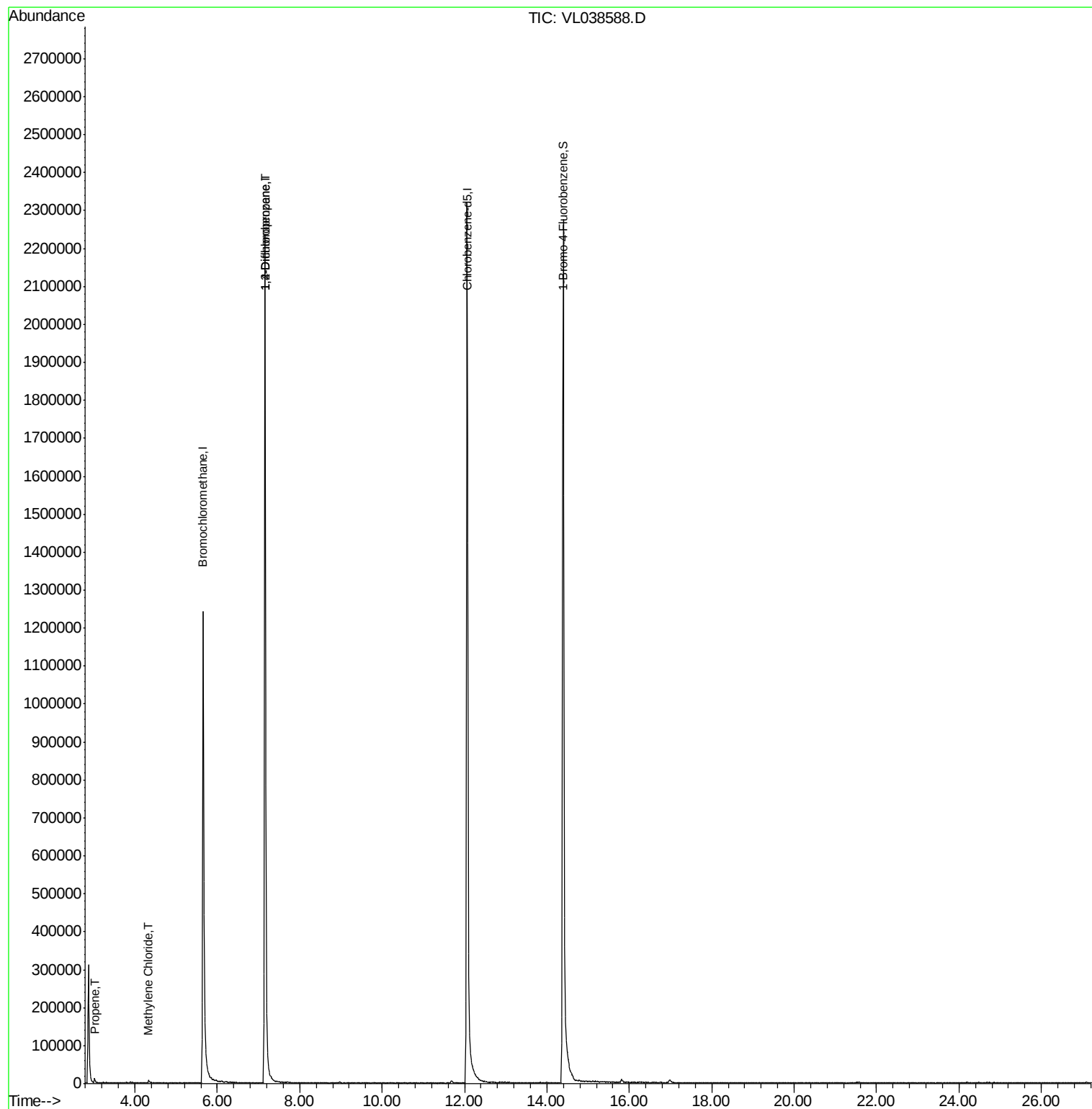
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	3.01	41	1829	0.04	ppbv #	15
20) Methylene Chloride	4.33	84	2531	0.08	ppbv #	65
39) 1,2-Dichloropropane	7.16	63	464966	6.79	ppbv #	27

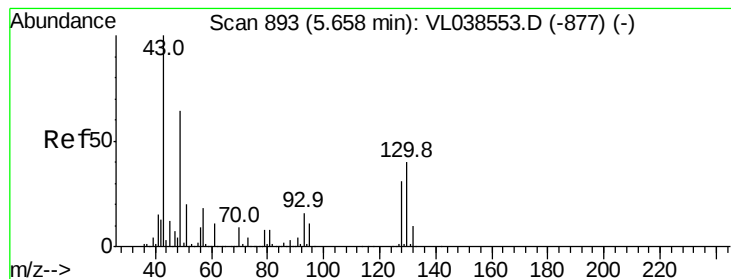
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.65 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: QC030922 CAN 10153

Acq: 10 Mar 2022 9:14

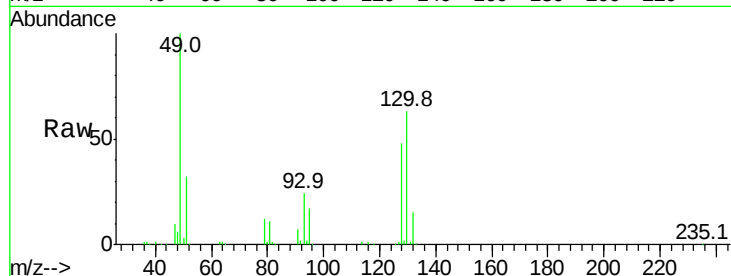
Tgt Ion: 49 Resp: 781559

Ion Ratio Lower Upper

49 100

128 51.9 26.4 79.2

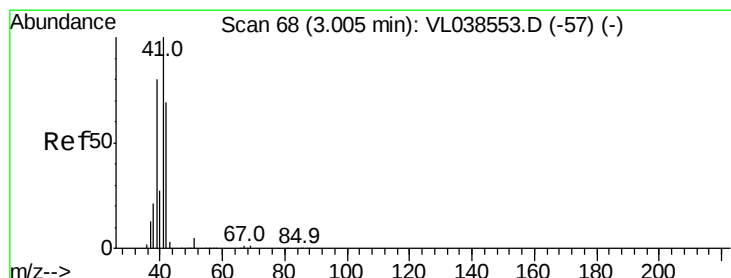
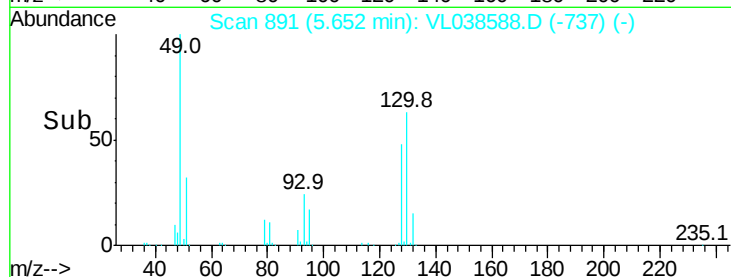
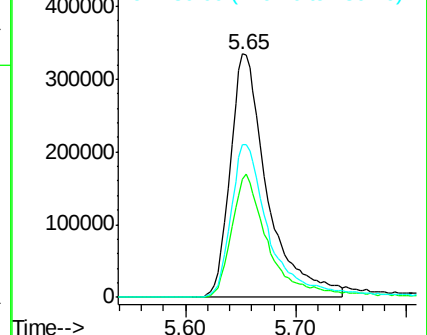
130 68.1 33.0 98.9



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



#9

Propene

Concen: 0.04 ppbv

RT: 3.01 min Scan# 70

Delta R.T. 0.01 min

Lab File: VL038588.D

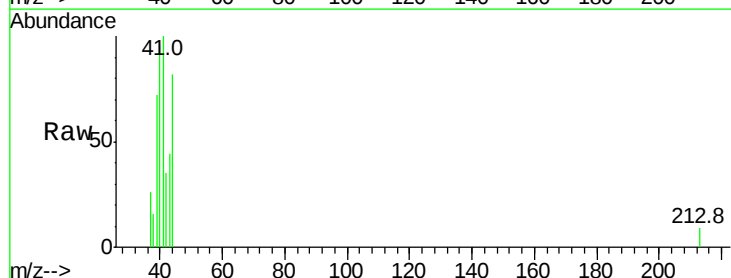
Acq: 10 Mar 2022 9:14

Tgt Ion: 41 Resp: 1829

Ion Ratio Lower Upper

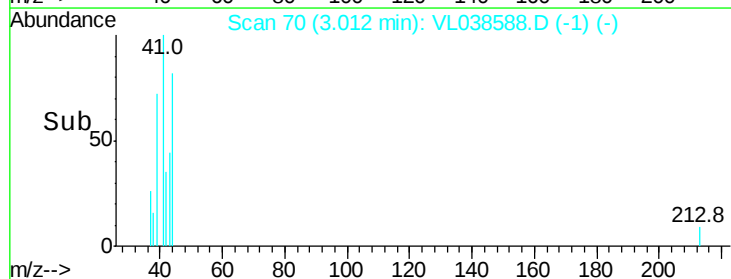
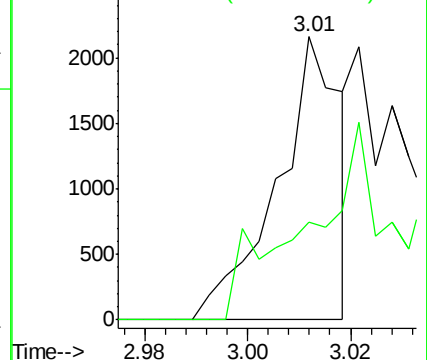
41 100

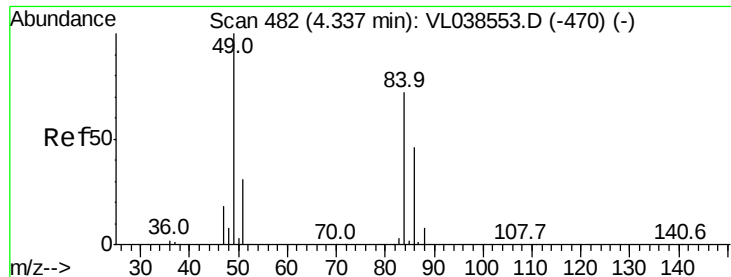
42 0.0 55.7 83.5#



Abundance Ion 41.10 (40.80 to 41.80): VL0

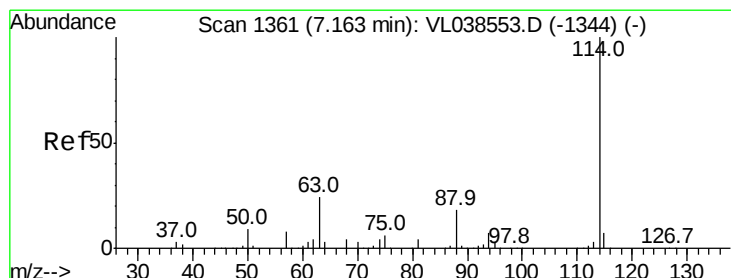
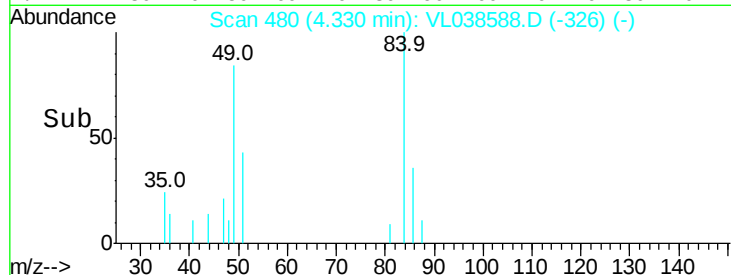
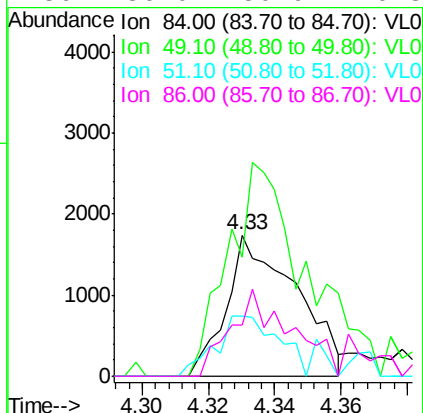
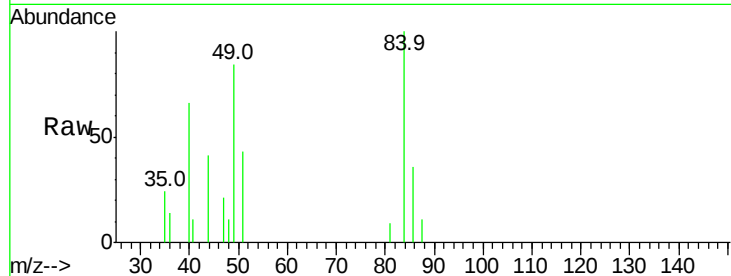
Ion 42.10 (41.80 to 42.80): VL0





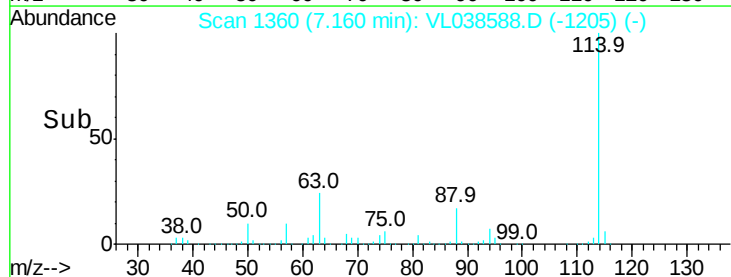
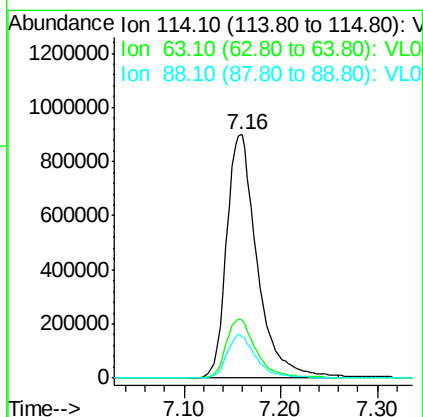
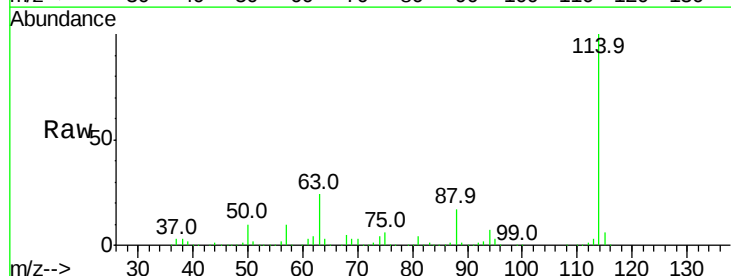
#20
Methylene Chloride
Concen: 0.08 ppbv
RT: 4.33
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
QC030922 CAN 10153
Acq: 10 Mar 2022 9:14

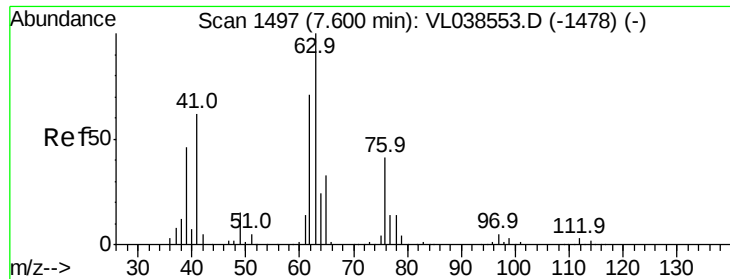
Tgt Ion: 84 Resp: 2531
Ion Ratio Lower Upper
84 100
49 84.0 111.1 166.7#
51 43.0 34.0 51.0
86 36.0 50.9 76.3#



#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.16 min Scan# 1360
Delta R.T. -0.00 min
Lab File: VL038588.D
Acq: 10 Mar 2022 9:14

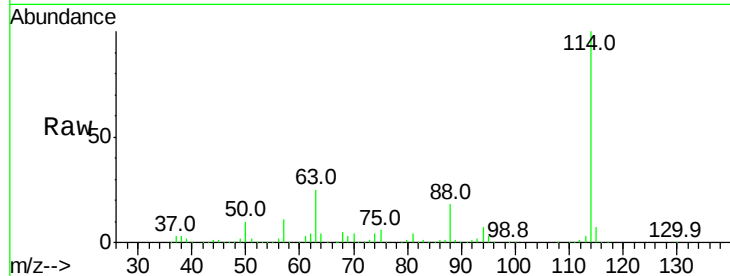
Tgt Ion: 114 Resp: 1974061
Ion Ratio Lower Upper
114 100
63 24.4 19.6 29.4
88 17.3 13.9 20.9



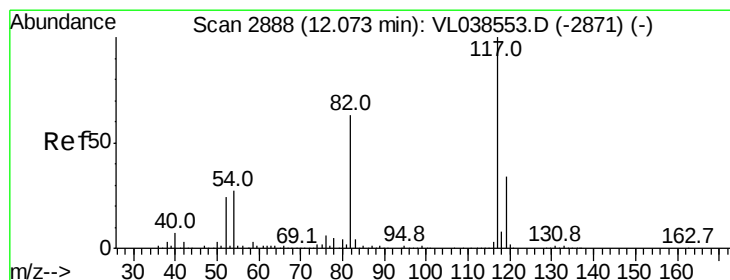
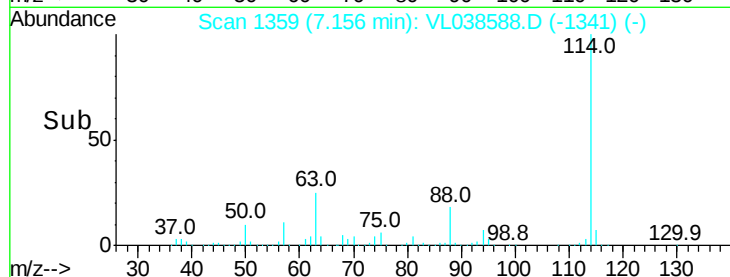
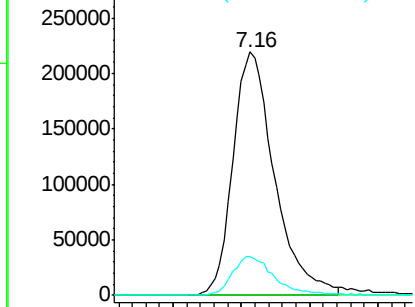


#39
 1,2-Dichloropropane
 Concen: 6.79 ppbv
 RT: 7.16
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 OC030922 CAN 10153
 Acq: 10 Mar 2022 9:14

Tgt Ion: 63 Resp: 464966
 Ion Ratio Lower Upper
 63 100
 41 0.0 49.8 74.6#
 62 15.7 56.7 85.1#

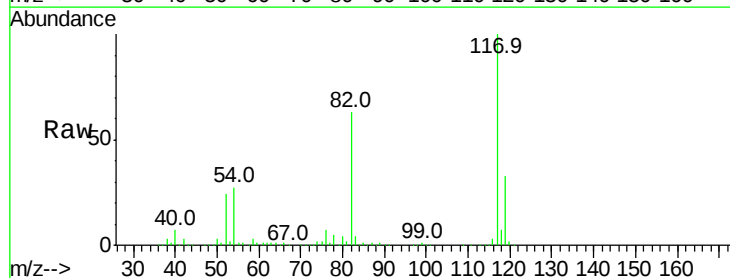


Abundance Ion 63.10 (62.80 to 63.80): VL0
 Ion 41.10 (40.80 to 41.80): VL0
 Ion 62.10 (61.80 to 62.80): VL0

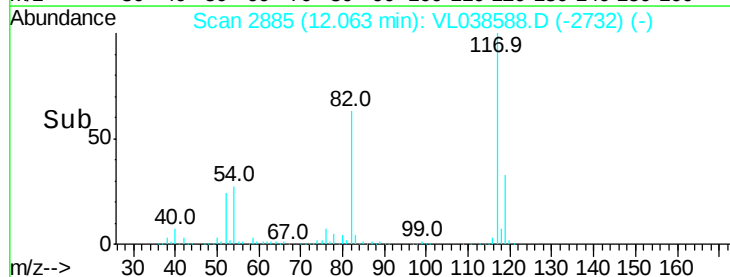
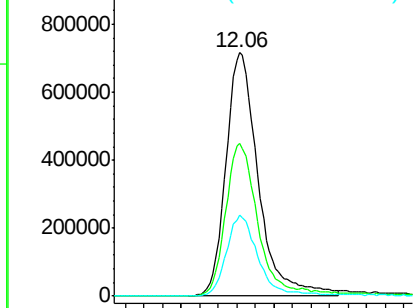


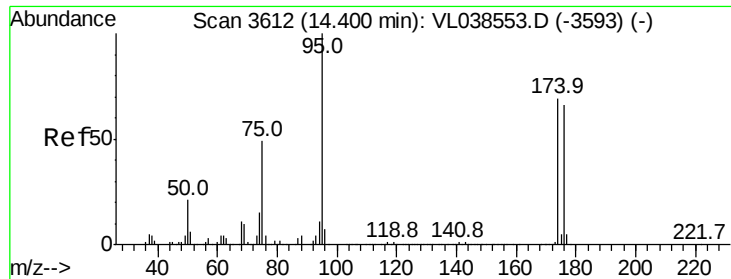
#55
 Chlorobenzene-d5
 Concen: 10.00 ppbv
 RT: 12.06 min Scan# 2885
 Delta R.T. -0.01 min
 Lab File: VL038588.D
 Acq: 10 Mar 2022 9:14

Tgt Ion: 117 Resp: 1742414
 Ion Ratio Lower Upper
 117 100
 82 65.9 52.5 78.7
 119 34.2 46.4 69.6#



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: 10.04 ppbv

RT: 14.39 Instrument:

Delta R.T MSVOA_L

Lab File: ClientSampleId:

Acq: 10 Mar 2022 9:14

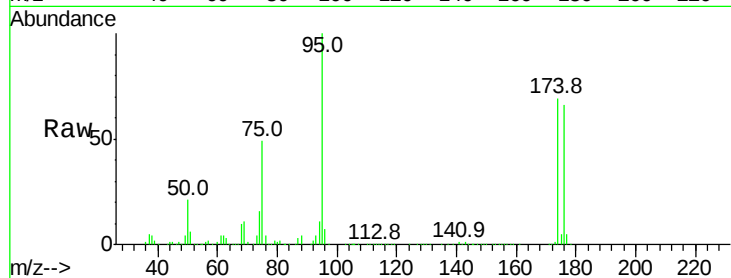
Tgt Ion: 95 Resp: 1329494

Ion Ratio Lower Upper

95 100

174 70.3 56.2 84.4

175 4.8 4.2 6.2



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

