

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030922\
 Data File : VL038584.D
 Acq On : 9 Mar 2022 20:17
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Mar 10 00:35:13 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030822AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 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	5.67	49	839695	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2048074	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	1769366	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	1304181	9.69	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.90%

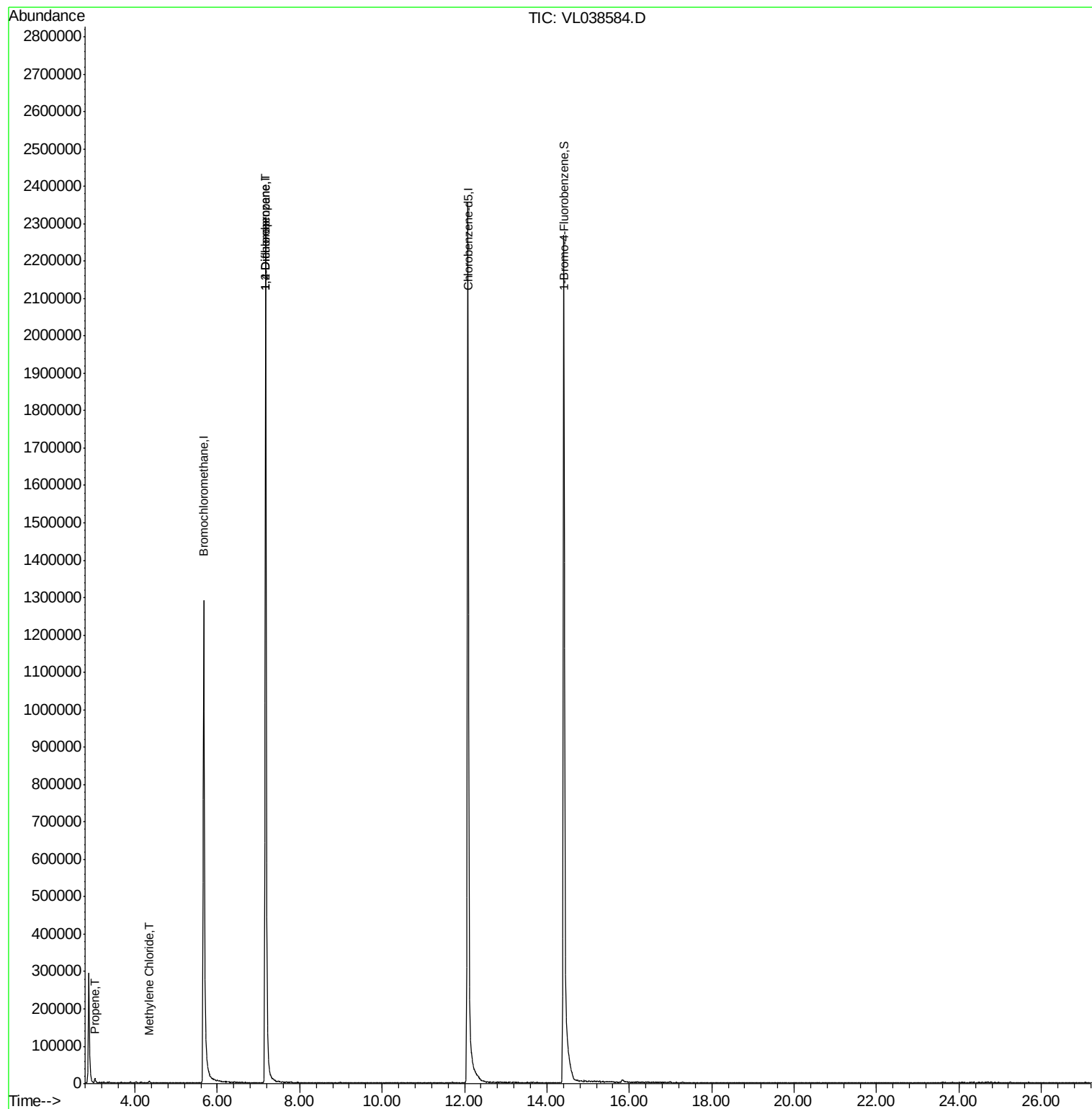
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	3.03	41	3807	0.07	ppbv	83
20) Methylene Chloride	4.35	84	1361	0.04	ppbv #	89
39) 1,2-Dichloropropane	7.17	63	482881	6.79	ppbv #	27

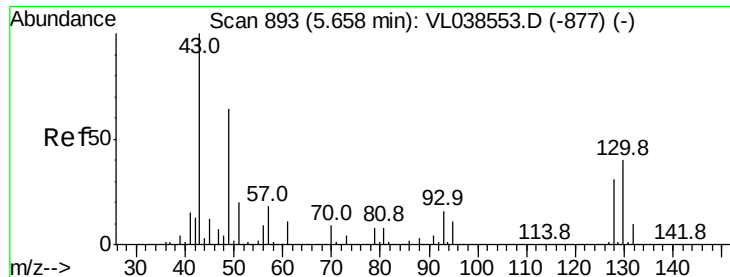
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.67 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 9 Mar 2022 20:17

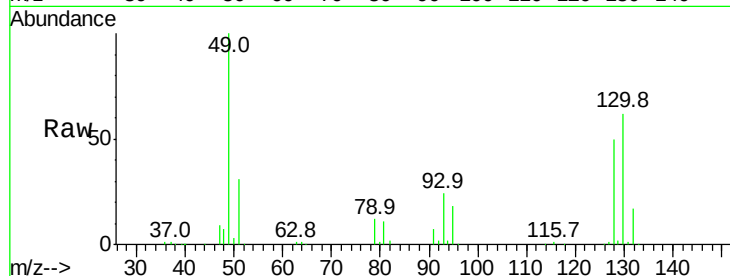
Tgt Ion: 49 Resp: 839695

Ion Ratio Lower Upper

49 100

128 51.4 26.4 79.2

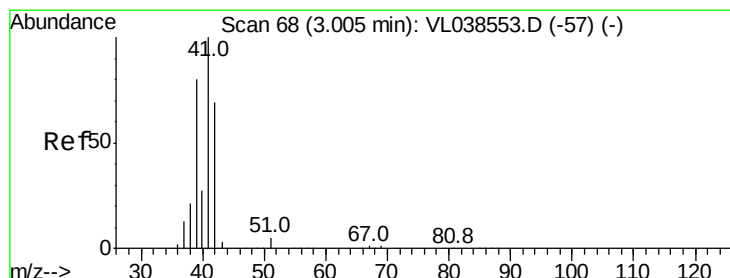
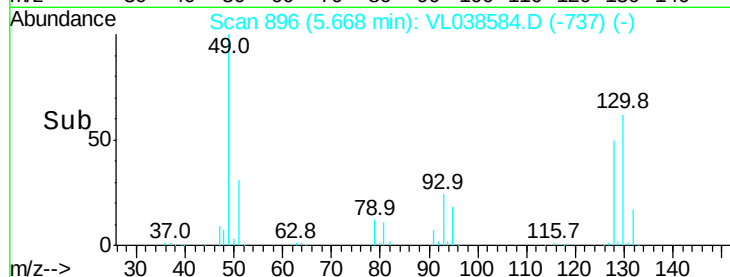
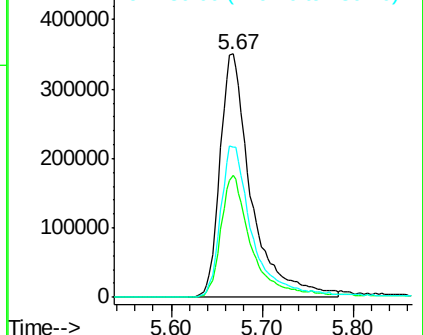
130 64.9 33.0 98.9



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: 0.07 ppbv

RT: 3.03 min Scan# 75

Delta R.T. 0.02 min

Lab File: VL038584.D

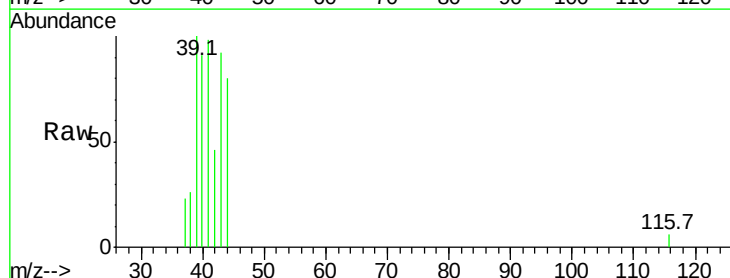
Acq: 9 Mar 2022 20:17

Tgt Ion: 41 Resp: 3807

Ion Ratio Lower Upper

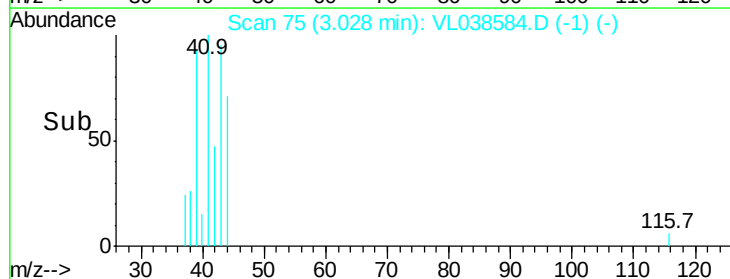
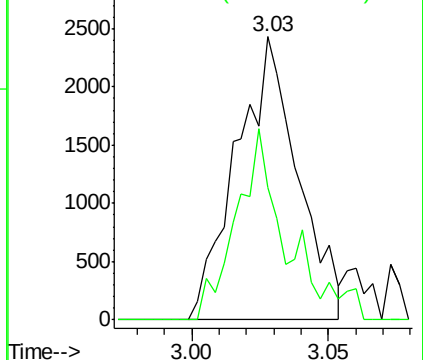
41 100

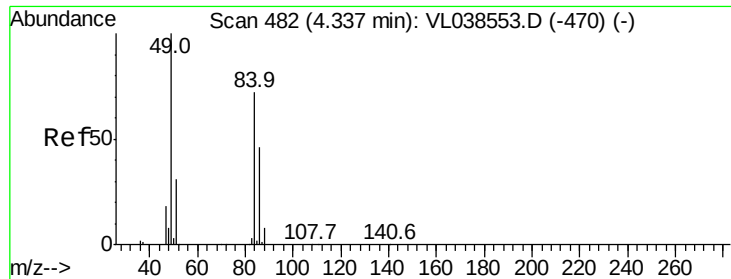
42 55.7 55.7 83.5



Abundance Ion 41.10 (40.80 to 41.80): VL0

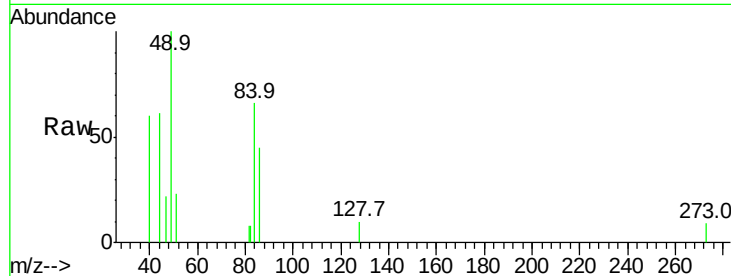
Ion 42.10 (41.80 to 42.80): VL0



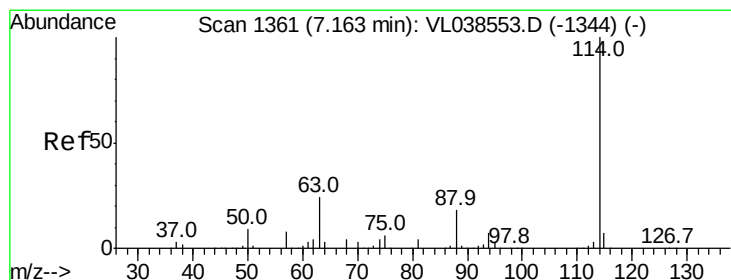
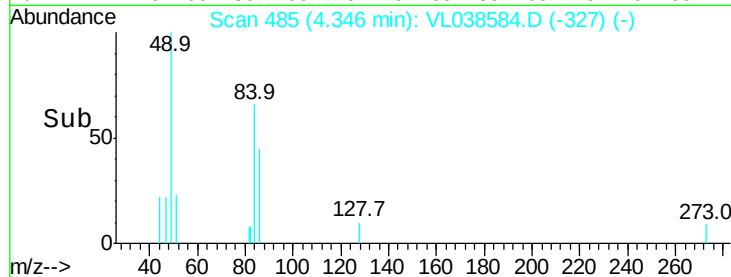
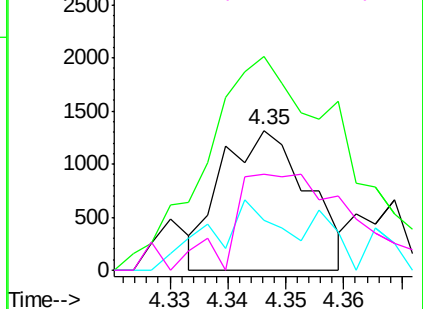


#20
Methylene Chloride
Concen: 0.04 ppbv
RT: 4.35
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 9 Mar 2022 20:17

Tgt Ion: 84 Resp: 1361
Ion Ratio Lower Upper
84 100
49 137.3 111.1 166.7
51 17.0 34.0 51.0#
86 73.0 50.9 76.3

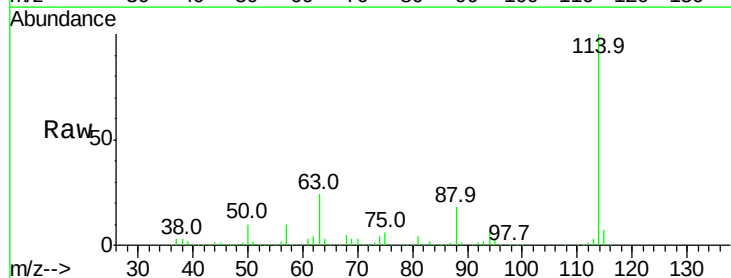


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

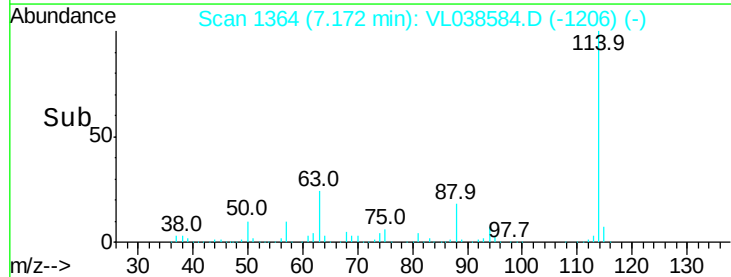
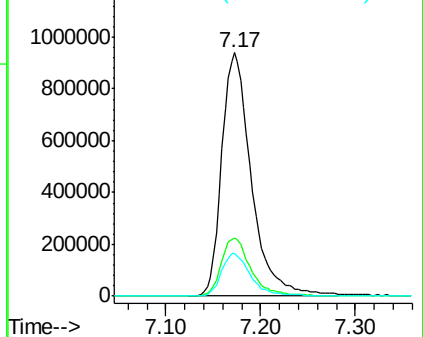


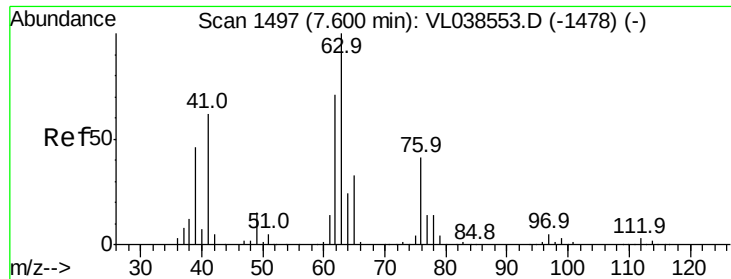
#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.17 min Scan# 1364
Delta R.T. 0.01 min
Lab File: VL038584.D
Acq: 9 Mar 2022 20:17

Tgt Ion: 114 Resp: 2048074
Ion Ratio Lower Upper
114 100
63 24.2 19.6 29.4
88 17.6 13.9 20.9



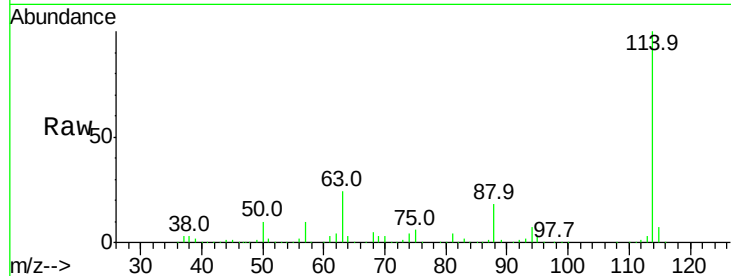
Abundance Ion 114.10 (113.80 to 114.80): V
Ion 63.10 (62.80 to 63.80): VL0
Ion 88.10 (87.80 to 88.80): VL0



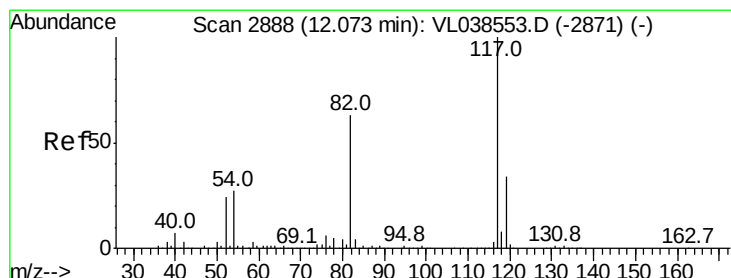
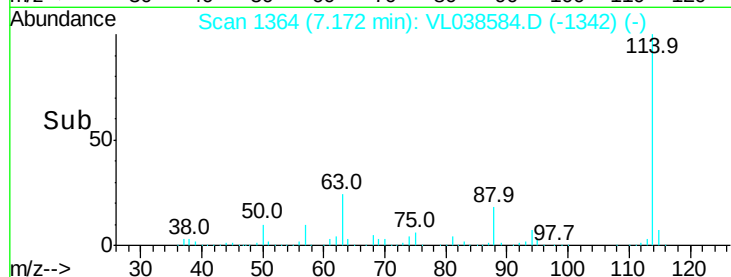
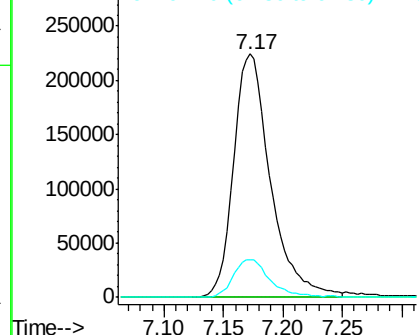


#39
 1,2-Dichloropropane
 Concen: 6.79 ppbv
 RT: 7.17
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 9 Mar 2022 20:17

Tgt Ion	Ratio	Lower	Upper
63	100		
41	0.2	49.8	74.6#
62	15.5	56.7	85.1#

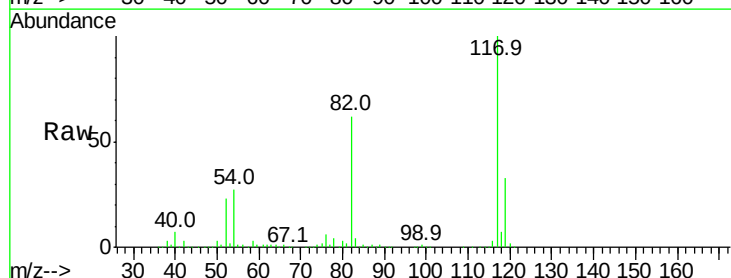


Abundance Ion 63.10 (62.80 to 63.80): VL0
 Ion 41.10 (40.80 to 41.80): VL0
 Ion 62.10 (61.80 to 62.80): VL0

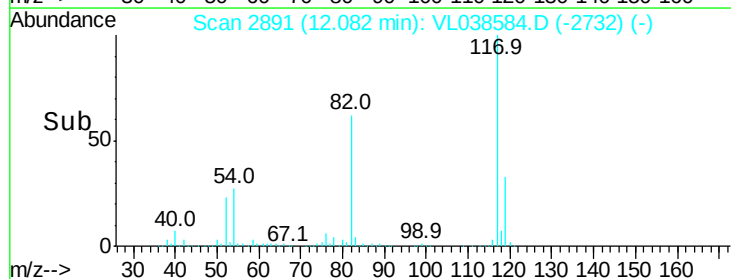
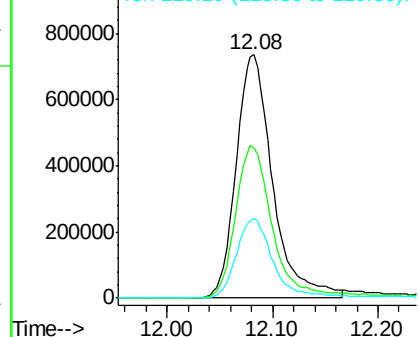


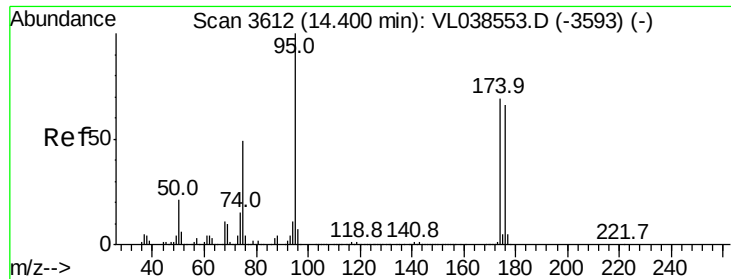
#55
 Chlorobenzene-d5
 Concen: 10.00 ppbv
 RT: 12.08 min Scan# 2891
 Delta R.T. 0.01 min
 Lab File: VL038584.D
 Acq: 9 Mar 2022 20:17

Tgt Ion	Ratio	Lower	Upper
117	100		
82	66.0	52.5	78.7
119	34.0	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: 9.69 ppbv

RT: 14.41

Delta R.T: MSVOA_L

Lab File: ClientSampleId :

Acq: 9 Mar 2022 20:17

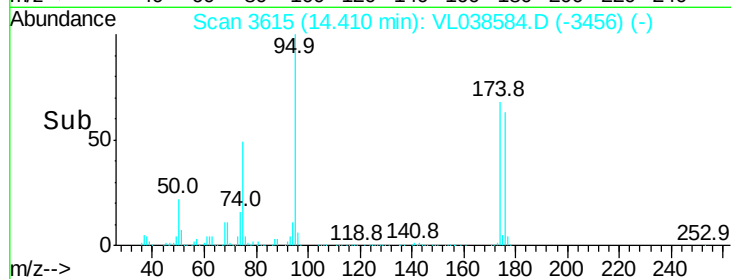
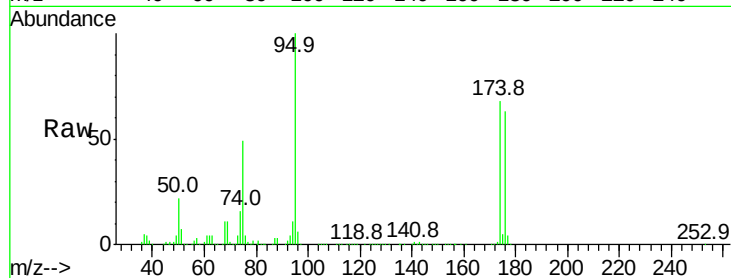
Tgt Ion: 95 Resp: 1304181

Ion Ratio Lower Upper

95 100

174 73.0 56.2 84.4

175 5.2 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

