

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030922\
 Data File : VL038587.D
 Acq On : 10 Mar 2022 8:37
 Operator : SY/AP
 Sample : QC030922 CAN 10153
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 BFB

Quant Time: Mar 11 00:18:37 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	773161	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	2011016	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.06	117	1779081	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	1299363	9.61	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.10%

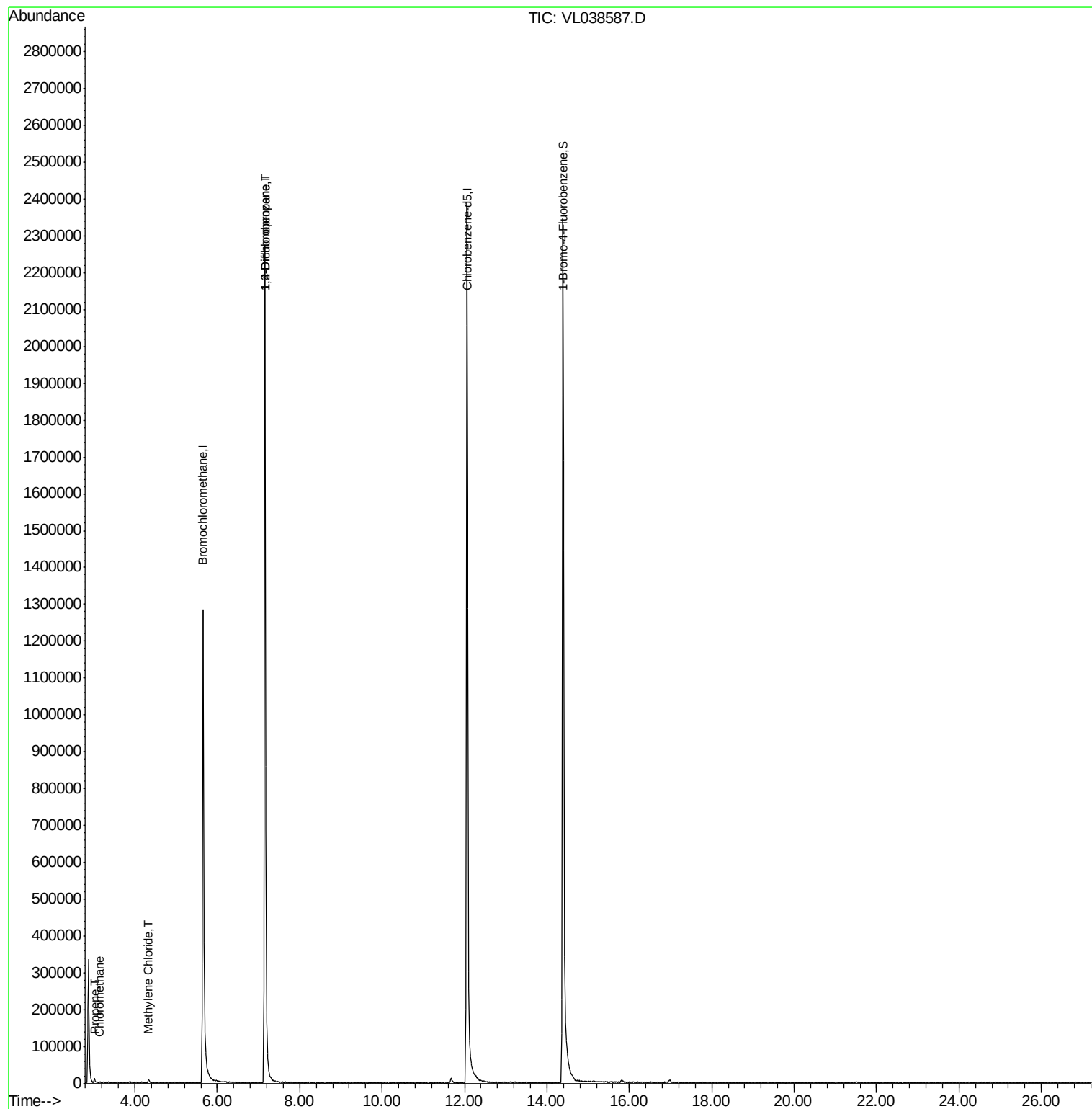
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Chloromethane	3.14	50	1537	0.03	ppbv #	79
9) Propene	3.02	41	3964	0.08	ppbv	92
20) Methylene Chloride	4.33	84	4066	0.12	ppbv #	83
39) 1,2-Dichloropropane	7.16	63	479061	6.86	ppbv #	27

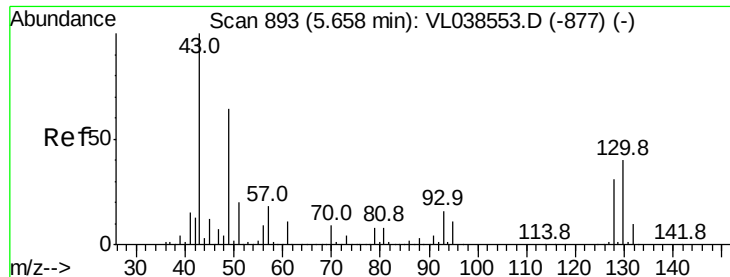
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.65 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: BFB

Acq: 10 Mar 2022 8:37

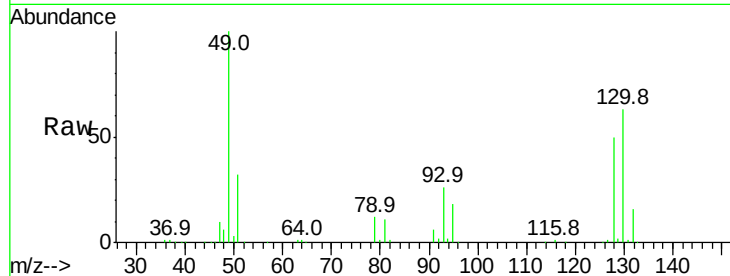
Tgt Ion: 49 Resp: 773161

Ion Ratio Lower Upper

49 100

128 53.7 26.4 79.2

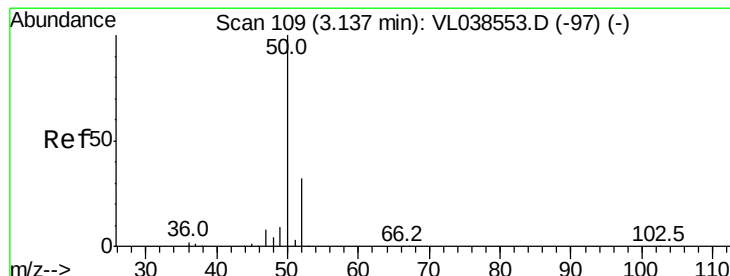
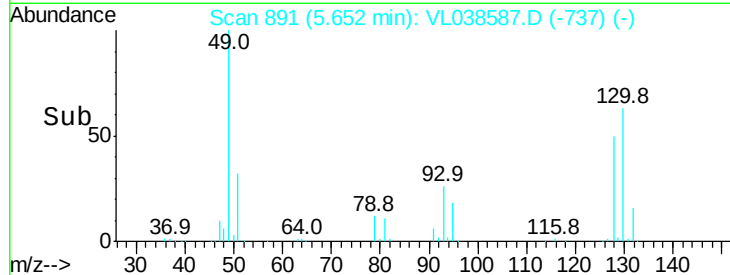
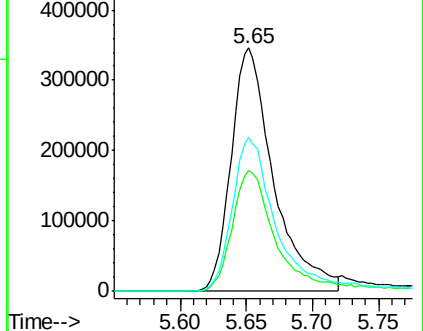
130 68.4 33.0 98.9



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



#4

Chloromethane

Concen: 0.03 ppbv

RT: 3.14 min Scan# 111

Delta R.T. 0.01 min

Lab File: VL038587.D

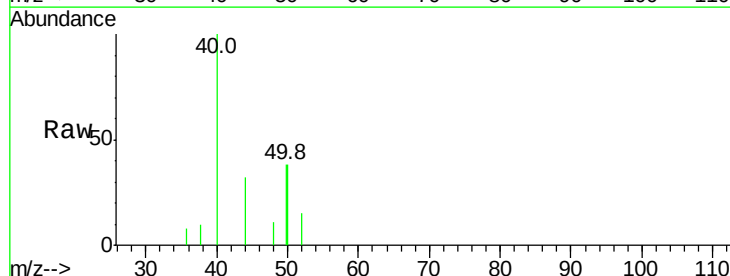
Acq: 10 Mar 2022 8:37

Tgt Ion: 50 Resp: 1537

Ion Ratio Lower Upper

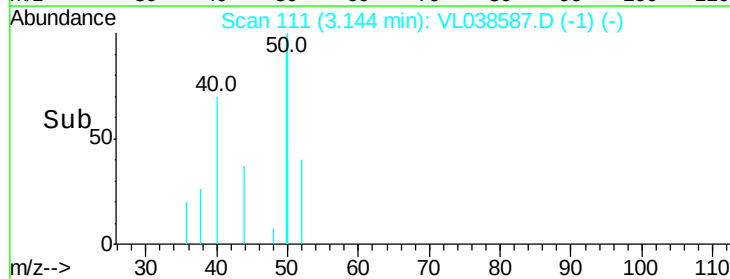
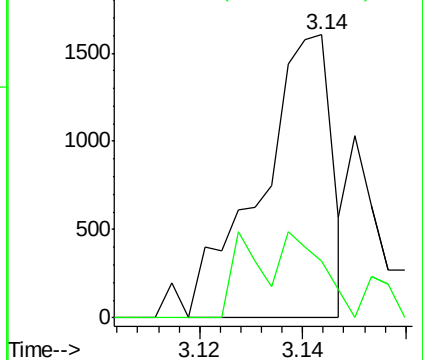
50 100

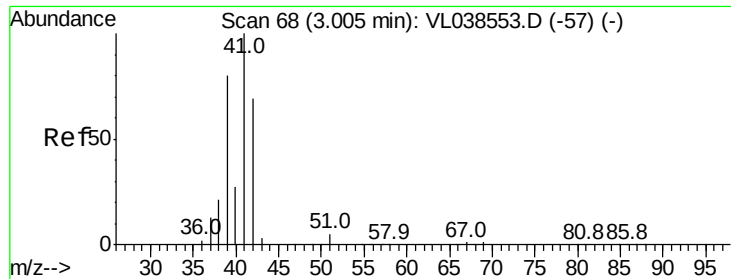
52 20.3 25.6 38.4#



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#9

Propene

Concen: 0.08 ppbv

RT: 3.02 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId :

BFB

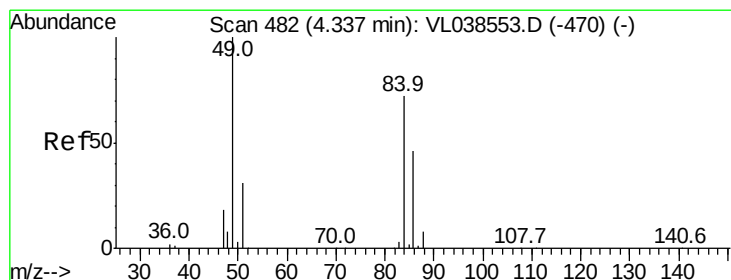
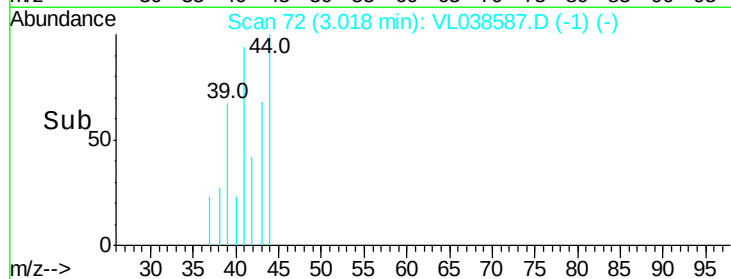
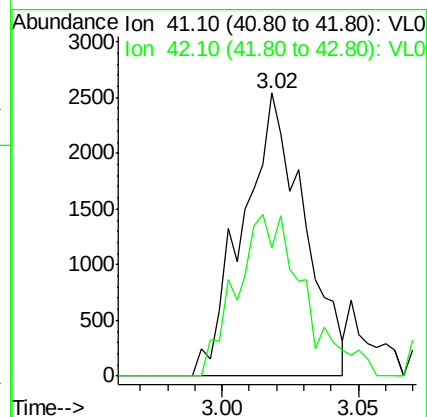
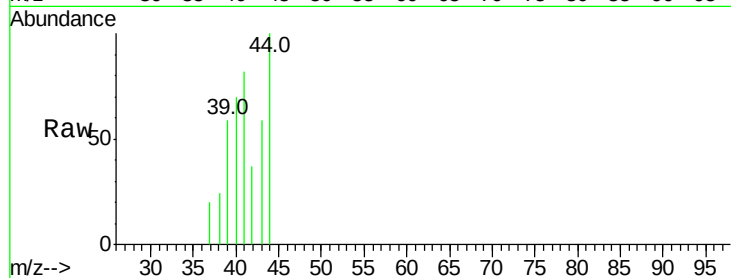
Acq: 10 Mar 2022 8:37

Tgt Ion: 41 Resp: 3964

Ion Ratio Lower Upper

41 100

42 63.1 55.7 83.5



#20

Methylene Chloride

Concen: 0.12 ppbv

RT: 4.33 min Scan# 481

Delta R.T. -0.00 min

Lab File: VL038587.D

Acq: 10 Mar 2022 8:37

Tgt Ion: 84 Resp: 4066

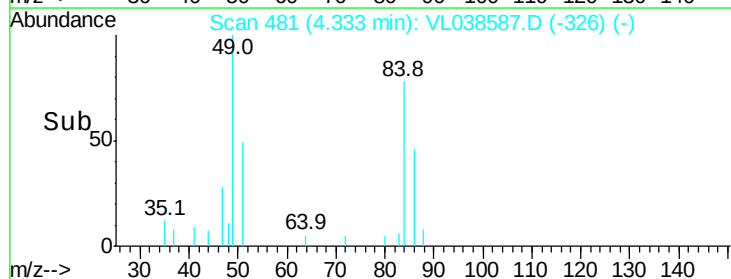
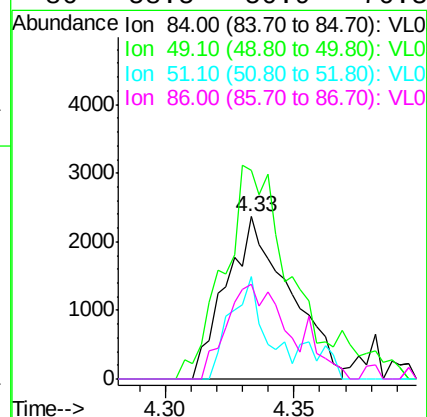
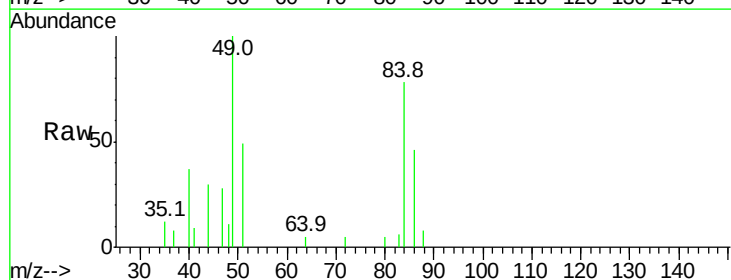
Ion Ratio Lower Upper

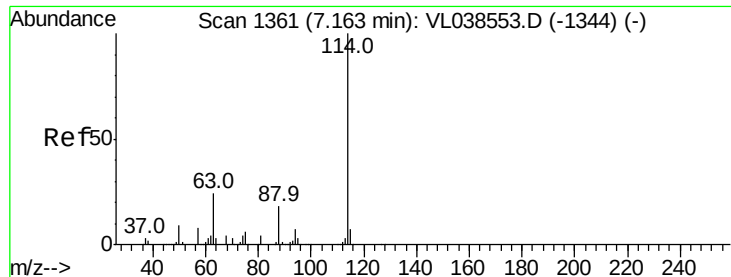
84 100

49 118.8 111.1 166.7

51 62.9 34.0 51.0#

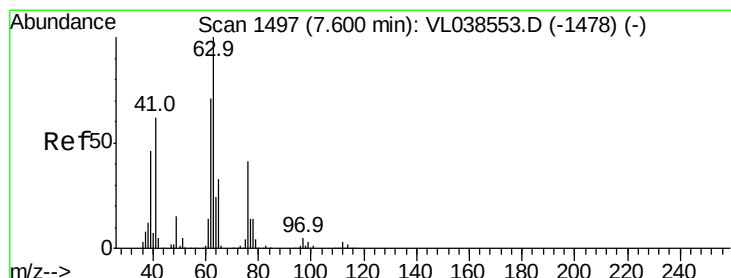
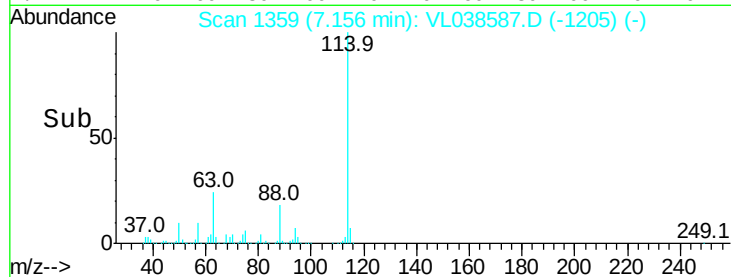
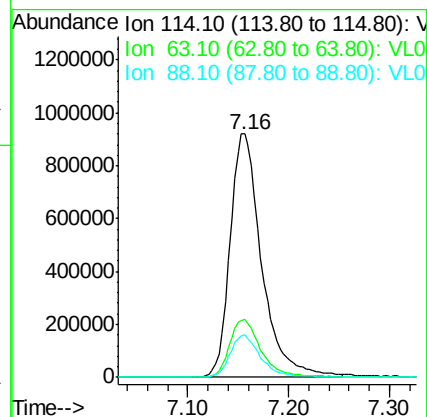
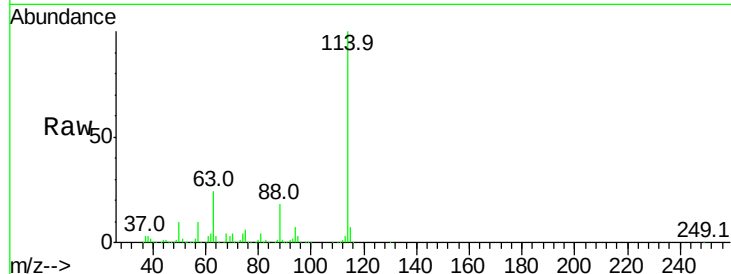
86 58.5 50.9 76.3





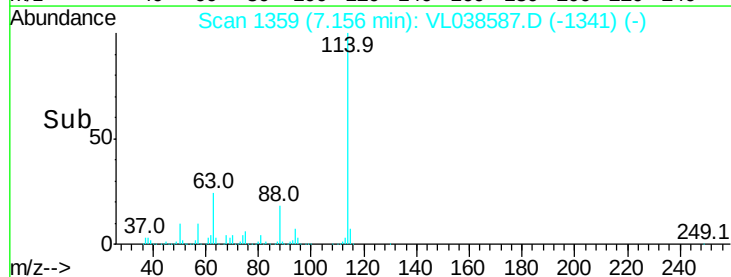
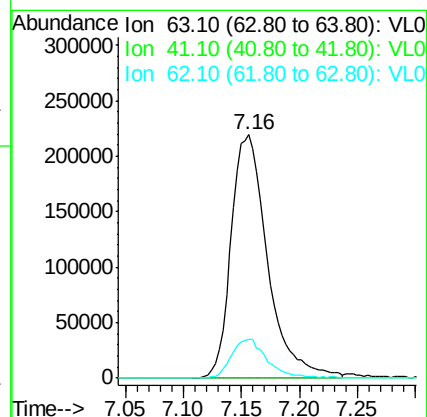
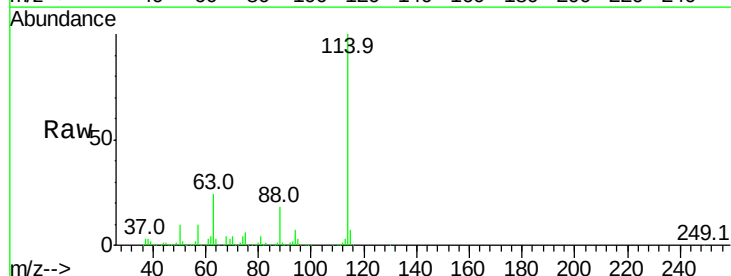
#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 7.16
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 BFB
 Acq: 10 Mar 2022 8:37

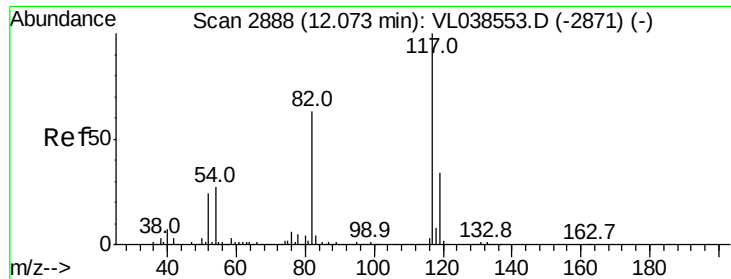
Tgt Ion: 114 Resp: 2011016
 Ion Ratio Lower Upper
 114 100
 63 24.3 19.6 29.4
 88 17.4 13.9 20.9



#39
 1,2-Dichloropropane
 Concen: 6.86 ppbv
 RT: 7.16 min Scan# 1359
 Delta R.T. -0.44 min
 Lab File: VL038587.D
 Acq: 10 Mar 2022 8:37

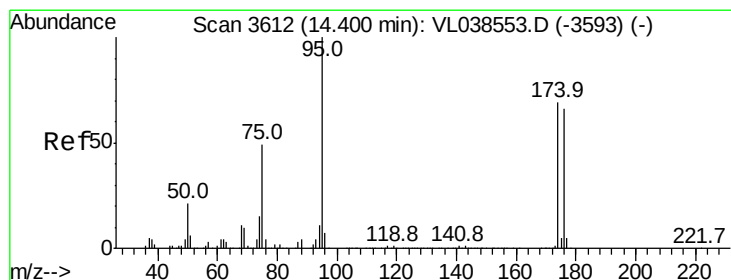
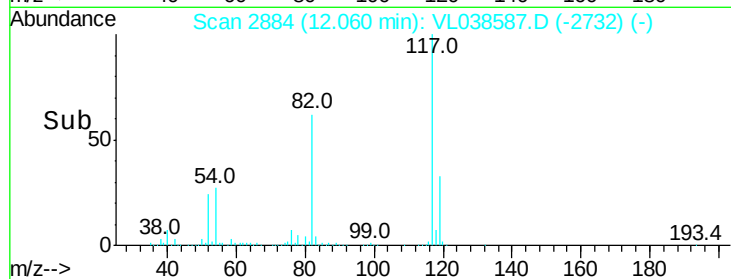
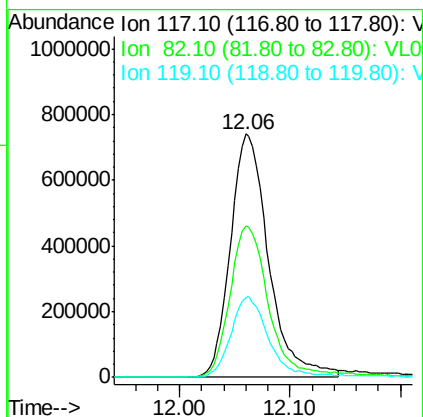
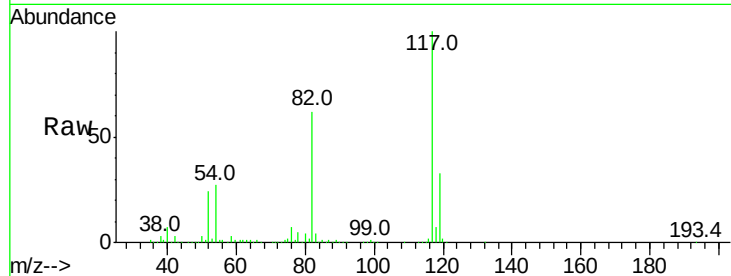
Tgt Ion: 63 Resp: 479061
 Ion Ratio Lower Upper
 63 100
 41 0.1 49.8 74.6#
 62 15.8 56.7 85.1#





#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.06 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 10 Mar 2022 8:37

Tgt Ion: 117 Resp: 1779081
Ion Ratio Lower Upper
117 100
82 66.2 52.5 78.7
119 33.7 46.4 69.6#



#68
1-Bromo-4-Fluorobenzene
Concen: 9.61 ppbv
RT: 14.39 min Scan# 3609
Delta R.T.: -0.01 min
Lab File: VL038587.D
Acq: 10 Mar 2022 8:37

Tgt Ion: 95 Resp: 1299363
Ion Ratio Lower Upper
95 100
174 73.0 56.2 84.4
175 5.3 4.2 6.2

