

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL020322\
 Data File : VL038328.D
 Acq On : 3 Feb 2022 10:43
 Operator : SY/AP
 Sample : VL0203ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0203ABL01

Quant Time: Feb 04 08:39:31 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL012422AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Jan 24 14:12:48 2022
 QLast Update : Mon Jan 24 14:12:48 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	899402	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.15	114	2526926	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.06	117	2193811	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	1650402	9.91	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.10%

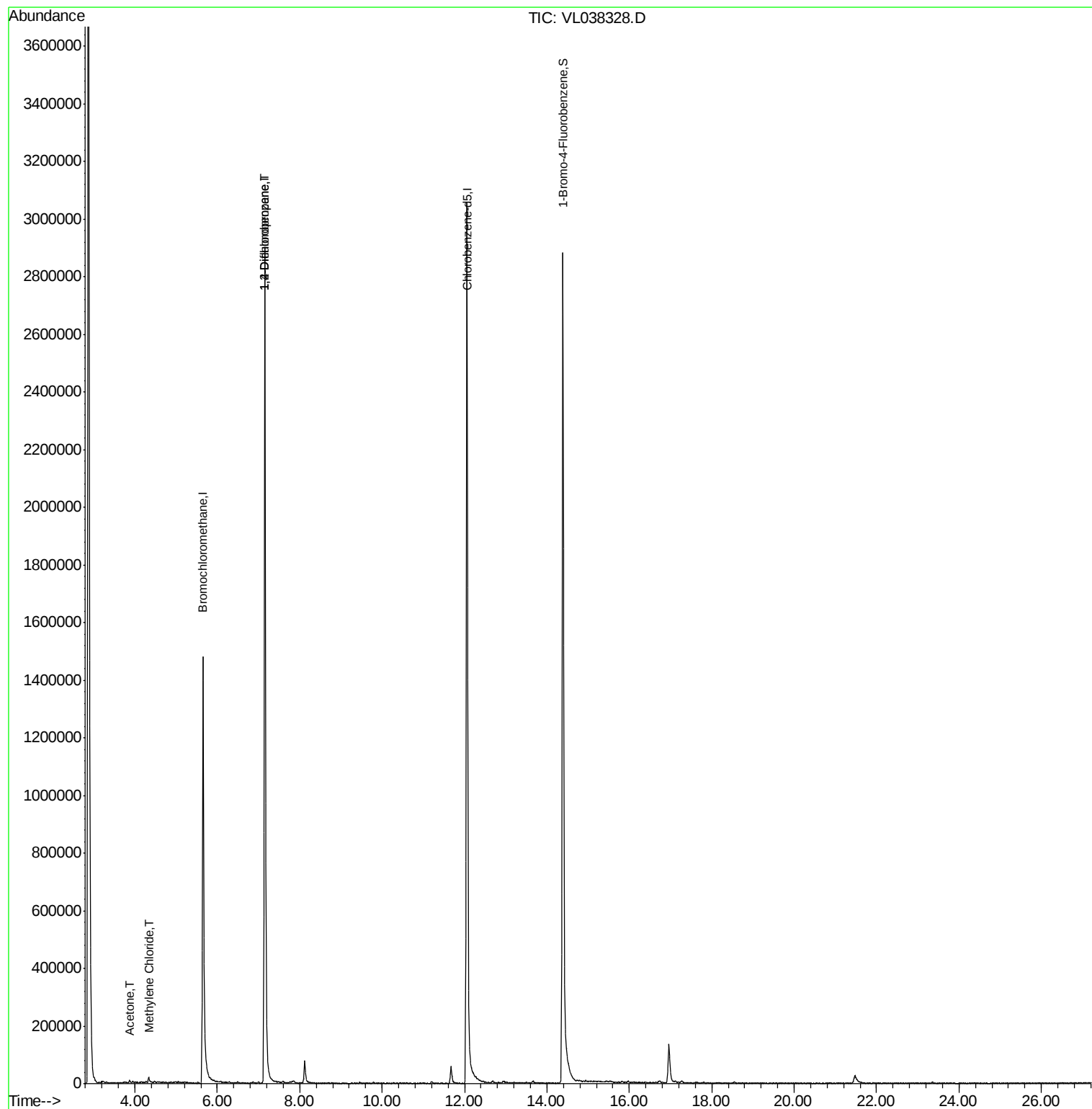
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Acetone	3.87	43	4159	0.052	ppbv #	48
20) Methylene Chloride	4.33	84	5224	0.113	ppbv #	93
39) 1,2-Dichloropropane	7.15	63	626880	6.918	ppbv #	25

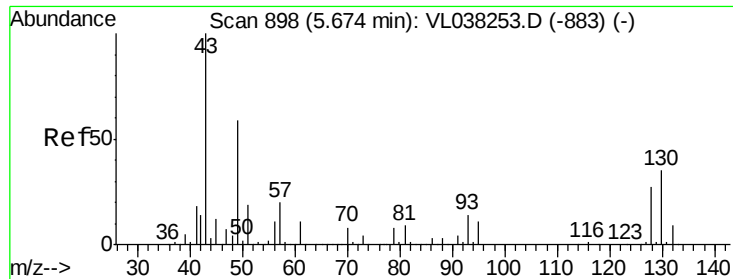
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId: VL0203ABL01

Acq: 3 Feb 2022 10:43

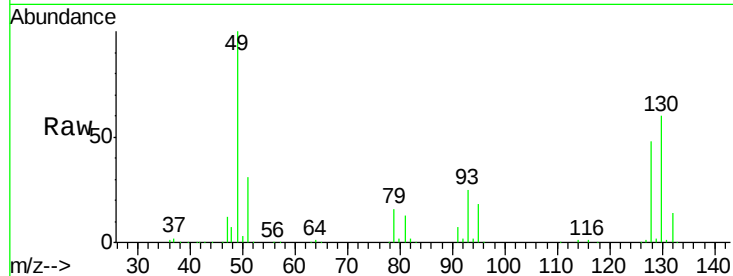
Tgt Ion: 49 Resp: 899402

Ion Ratio Lower Upper

49 100

128 49.9 24.5 73.5

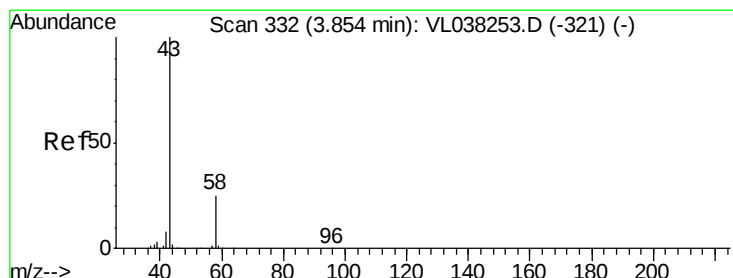
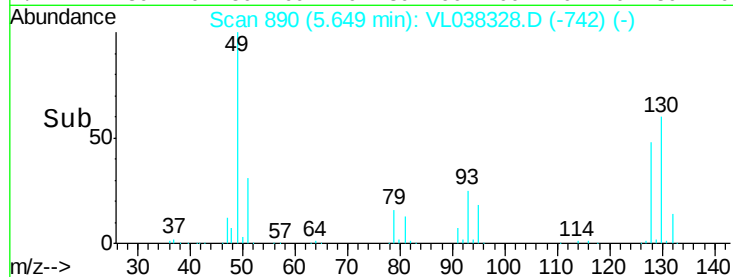
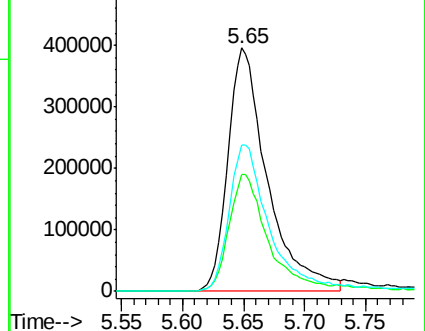
130 64.1 30.1 90.5



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#15

Acetone

Concen: 0.052 ppbv

RT: 3.87 min Scan# 337

Delta R.T. 0.02 min

Lab File: VL038328.D

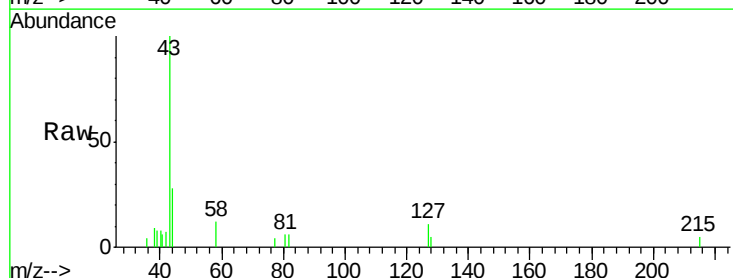
Acq: 3 Feb 2022 10:43

Tgt Ion: 43 Resp: 4159

Ion Ratio Lower Upper

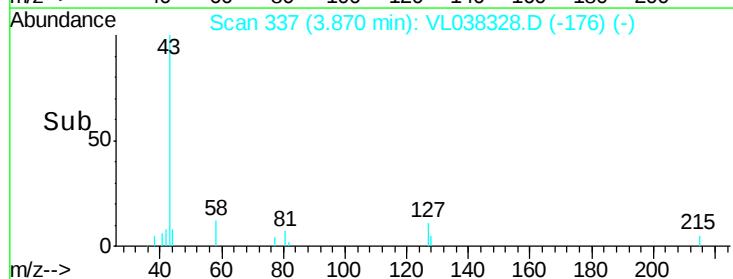
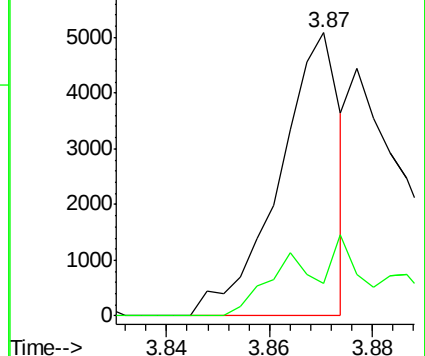
43 100

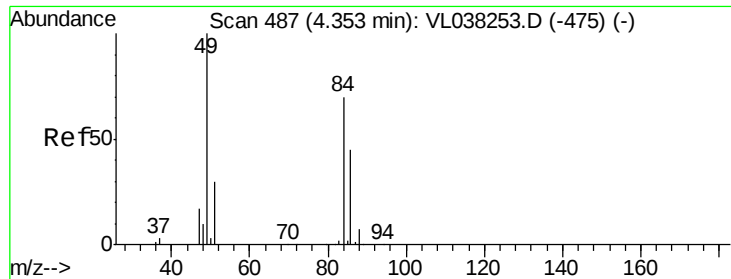
58 0.0 21.5 32.3#



Abundance Ion 43.10 (42.80 to 43.80): VL0

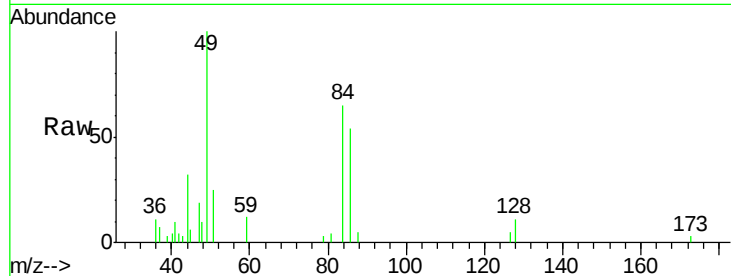
Ion 58.10 (57.80 to 58.80): VL0



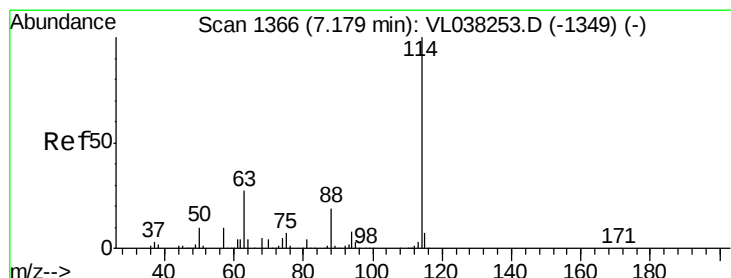
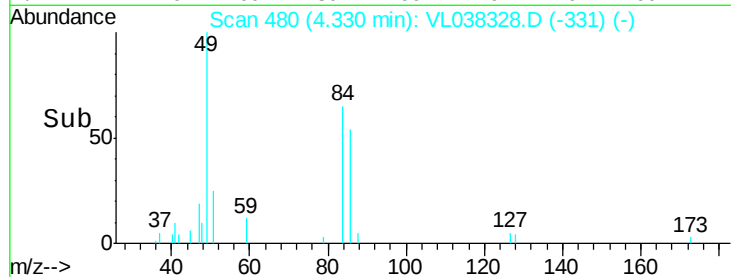
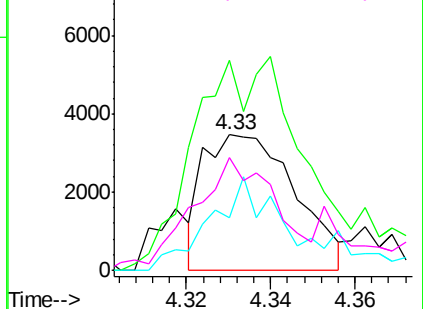


#20
Methylene Chloride
Concen: 0.113 ppbv
RT: 4.33
Delta R.T. MSVOA_L
Lab File: ClientSampleId : VL0203ABL01
Acq: 3 Feb 2022 10:43

Tgt Ion: 84 Resp: 5224
Ion Ratio Lower Upper
84 100
49 141.0 115.0 172.6
51 31.1 35.0 52.6#
86 71.6 51.4 77.0

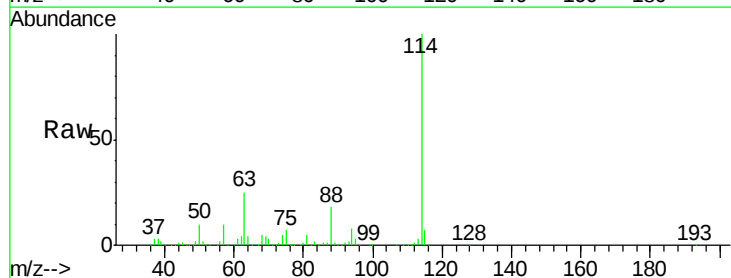


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

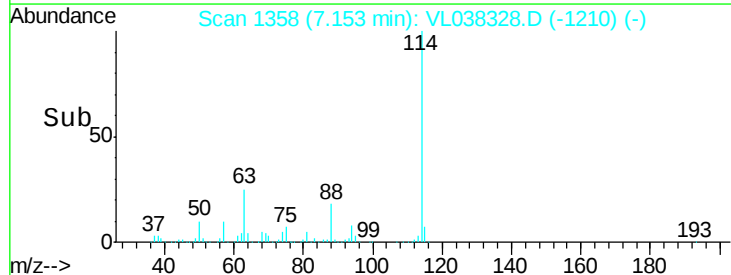
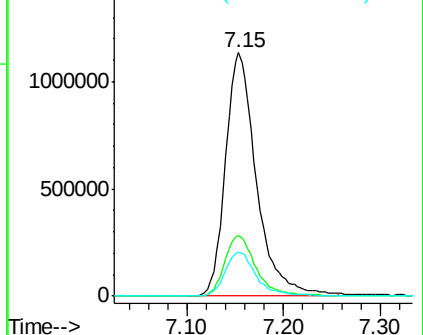


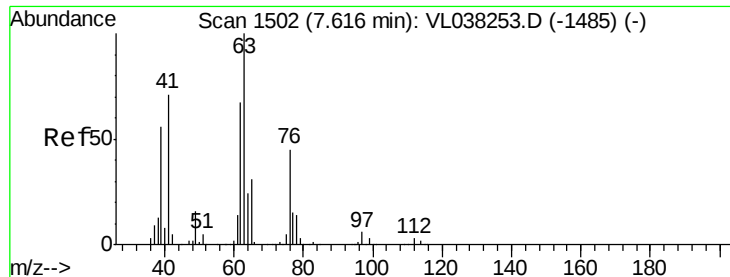
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.15 min Scan# 1358
Delta R.T. -0.03 min
Lab File: VL038328.D
Acq: 3 Feb 2022 10:43

Tgt Ion: 114 Resp: 2526926
Ion Ratio Lower Upper
114 100
63 25.5 22.0 33.0
88 18.5 15.0 22.6



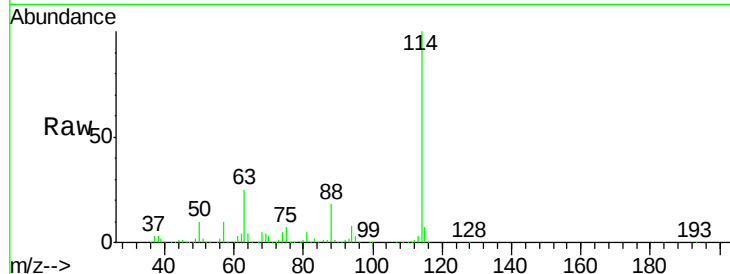
Abundance Ion 114.10 (113.80 to 114.80): V
Ion 63.10 (62.80 to 63.80): VL0
Ion 88.10 (87.80 to 88.80): VL0



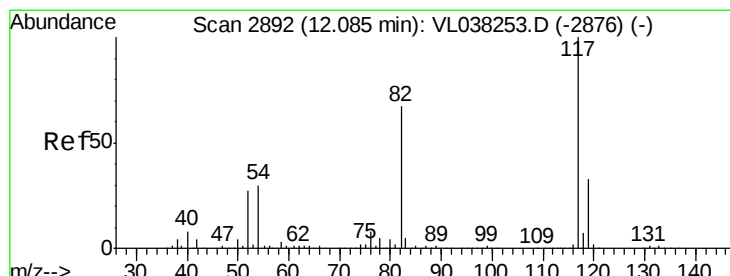
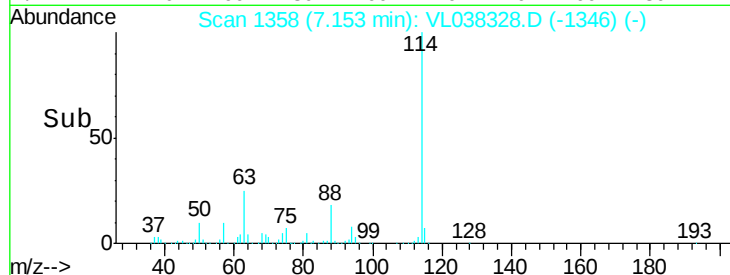
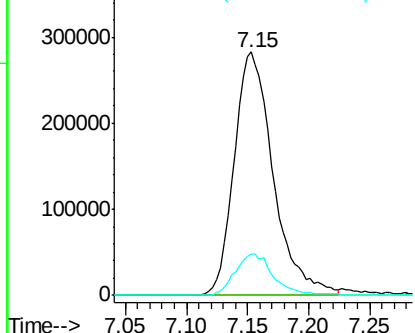


#39
 1,2-Dichloropropane
 Concen: 6.918 ppbv
 RT: 7.15
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0203ABL01
 Acq: 3 Feb 2022 10:43

Tgt Ion	Ratio	Lower	Upper
63	100		
41	0.0	56.6	85.0#
62	16.9	53.9	80.9#

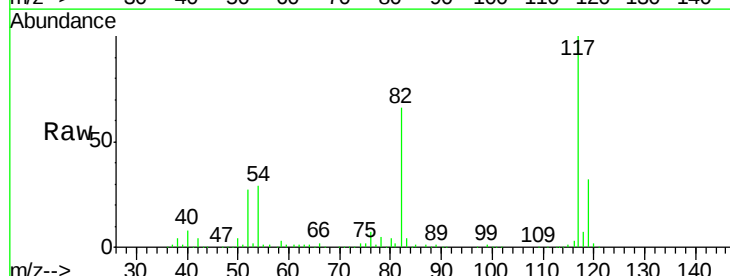


Abundance Ion 63.10 (62.80 to 63.80): VL0
 Ion 41.10 (40.80 to 41.80): VL0
 Ion 62.10 (61.80 to 62.80): VL0

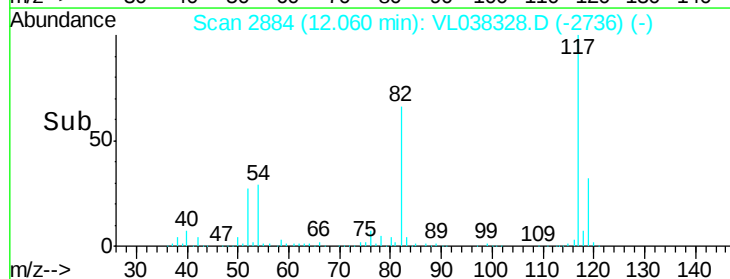
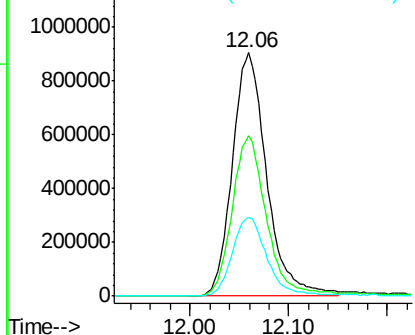


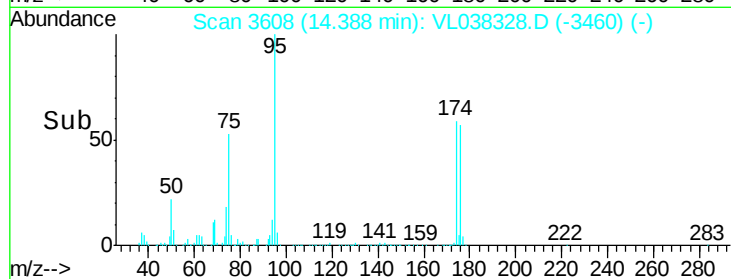
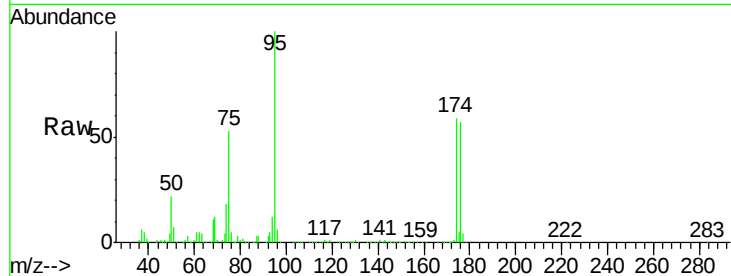
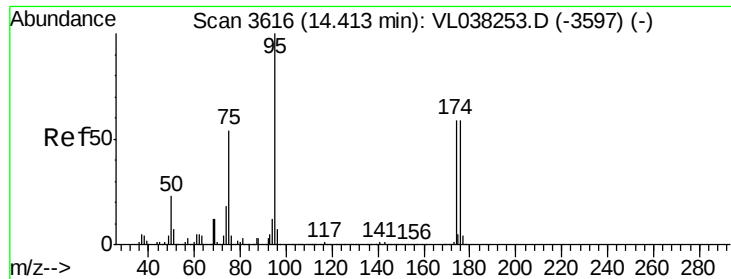
#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.06 min Scan# 2884
 Delta R.T. -0.03 min
 Lab File: VL038328.D
 Acq: 3 Feb 2022 10:43

Tgt Ion	Ratio	Lower	Upper
117	100		
82	66.6	54.4	81.6
119	33.3	45.9	68.9#



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: 9.912 ppbv

RT: 14.39

Delta R.T: MSVOA_L

Lab File: ClientSampleId :

Acq: 3 Feb 2022 10:43

Tgt Ion: 95 Resp: 1650402

Ion Ratio Lower Upper

95 100

174 64.3 48.3 72.5

175 4.6 3.5 5.3

