

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL041321\
 Data File : VL036797.D
 Acq On : 13 Apr 2021 10:54
 Operator : SY/AP
 Sample : VL0413ABL01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Apr 14 04:38:24 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 09:42:40 2021
 QLast Update : Thu Mar 25 09:42:40 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1385352	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3405533	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.08	117	2526830	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	1537796	7.64	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	76.40%

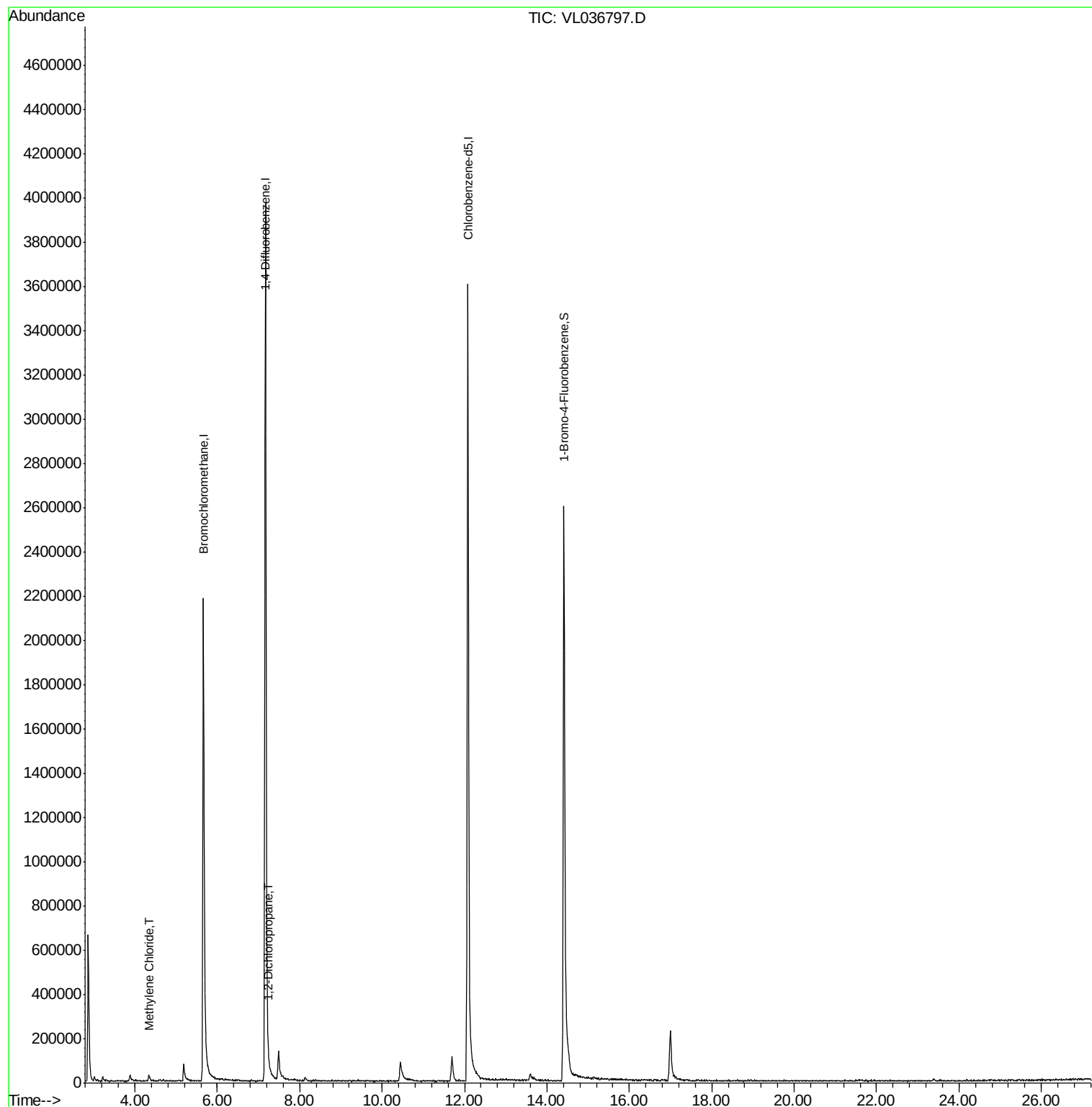
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
20) Methylene Chloride	4.33	84	4247	0.067	ppbv	96
39) 1,2-Dichloropropane	7.24	63	10991	0.086	ppbv #	30

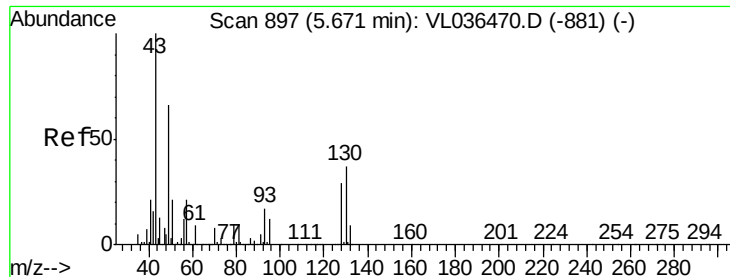
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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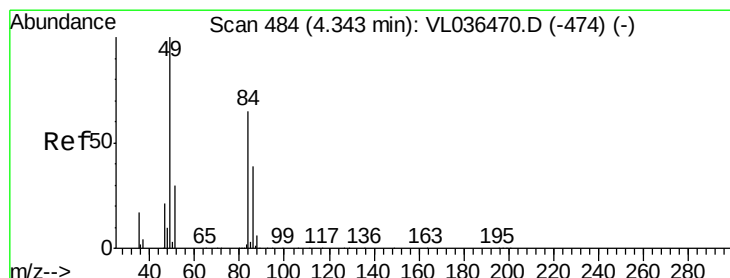
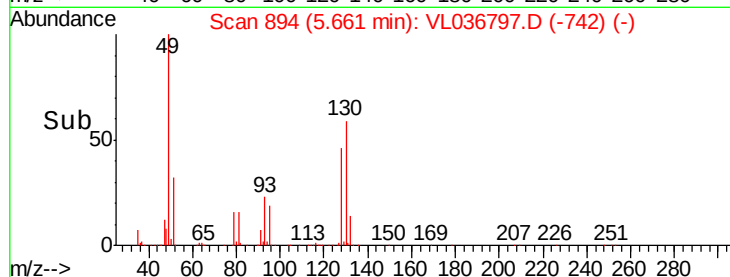
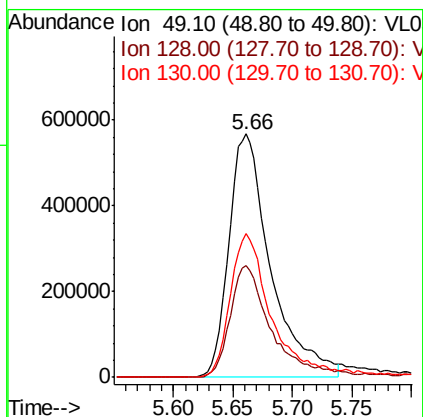
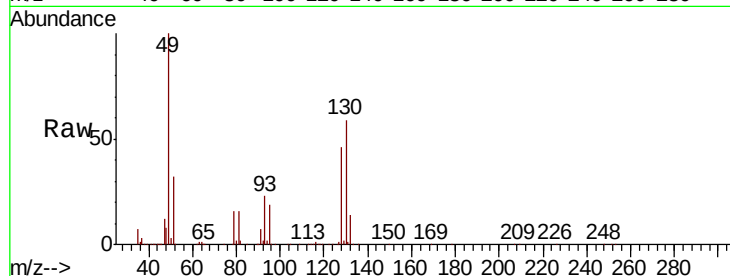
Quant Time: Apr 14 04:38:24 2021
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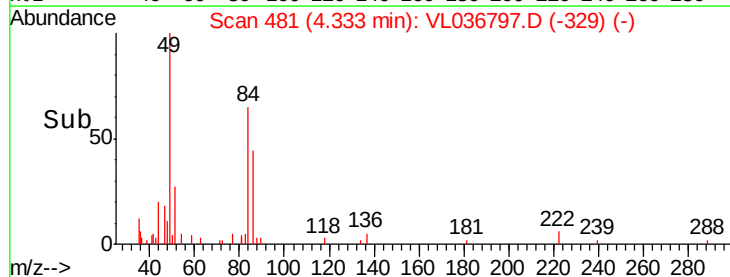
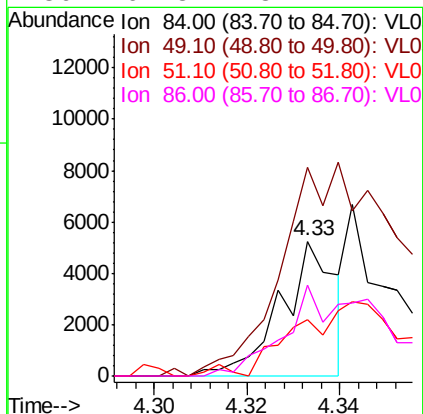
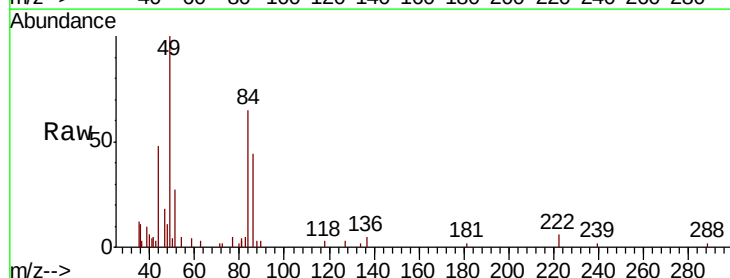
#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.66
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 13 Apr 2021 10:54

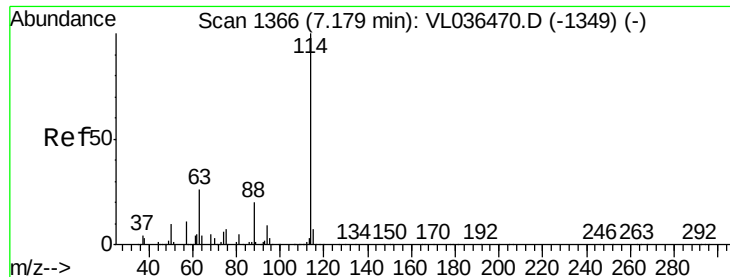
Tot Ion: 49 Resp: 1385352
 Ion Ratio Lower Upper
 49 100
 128 47.2 23.5 70.6
 130 59.9 29.1 87.4



#20
 Methylene Chloride
 Concen: 0.067 ppbv
 RT: 4.33 min Scan# 481
 Delta R.T. -0.01 min
 Lab File: VL036797.D
 Acq: 13 Apr 2021 10:54

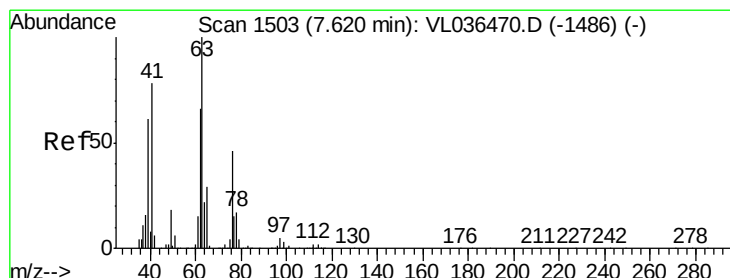
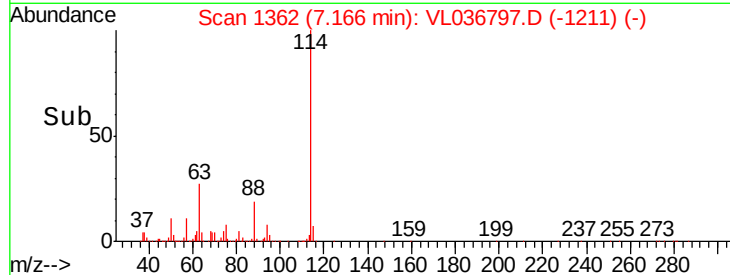
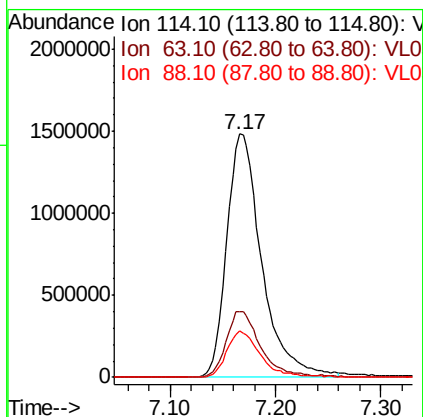
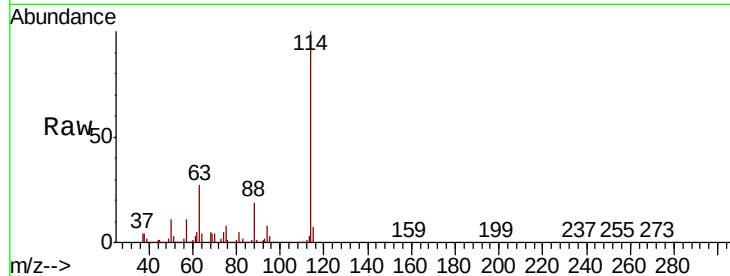
Tgt Ion: 84 Resp: 4247
 Ion Ratio Lower Upper
 84 100
 49 154.6 122.9 184.3
 51 41.7 36.9 55.3
 86 67.3 48.2 72.4





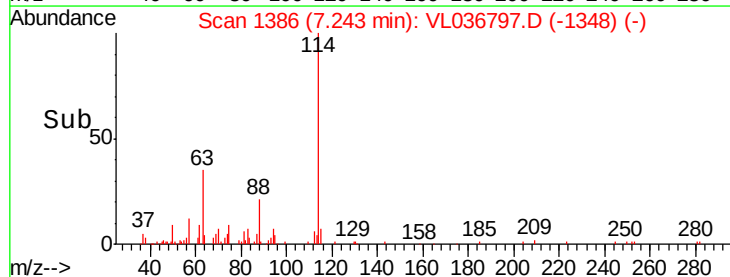
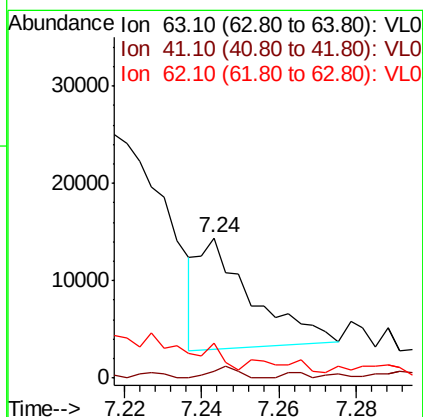
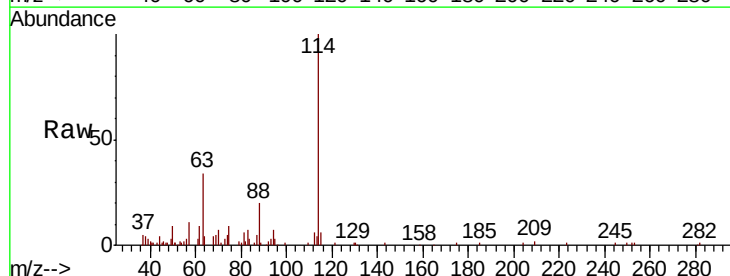
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 13 Apr 2021 10:54

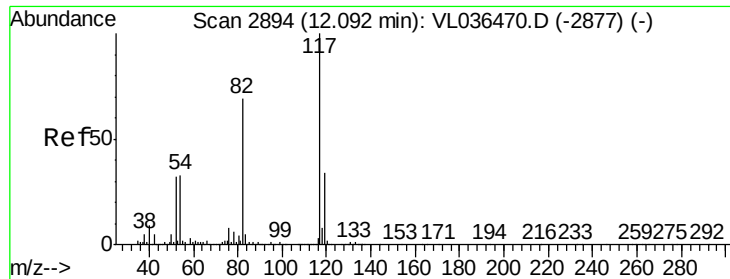
Tot Ion: 114 Resp: 3405533
 Ion Ratio Lower Upper
 114 100
 63 27.3 22.4 33.6
 88 18.8 15.4 23.0



#39
 1,2-Dichloropropane
 Concen: 0.086 ppbv
 RT: 7.24 min Scan# 1386
 Delta R.T. -0.38 min
 Lab File: VL036797.D
 Acq: 13 Apr 2021 10:54

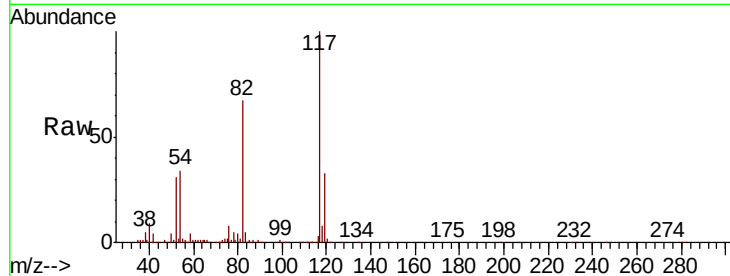
Tgt Ion: 63 Resp: 10991
 Ion Ratio Lower Upper
 63 100
 41 7.0 62.4 93.6#
 62 21.5 52.8 79.2#



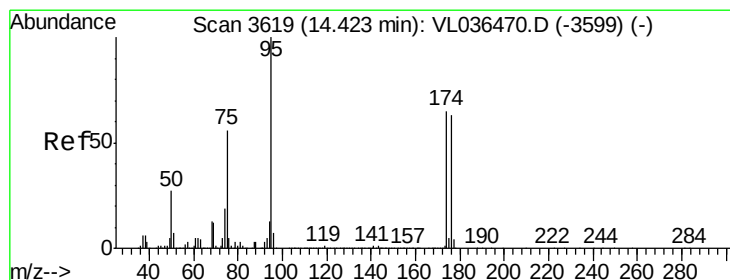
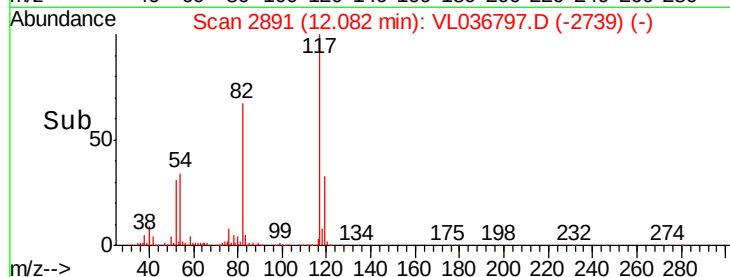
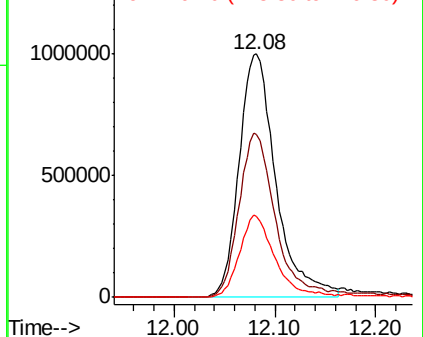


#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.08 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 13 Apr 2021 10:54

Tot Ion: 117 Resp: 2526830
 Ion Ratio Lower Upper
 117 100
 82 70.8 57.4 86.0
 119 34.3 47.4 71.0#

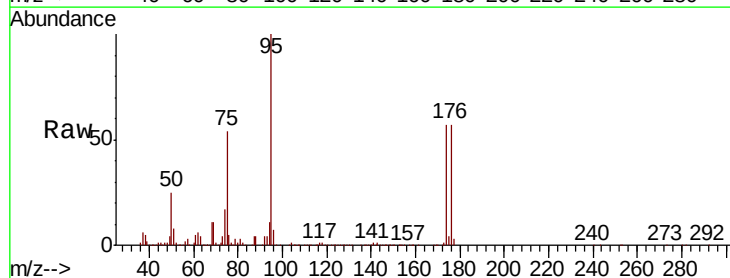


Abundance Ion 117.10 (116.80 to 117.80): V
 Ion 82.10 (81.80 to 82.80): V
 Ion 119.10 (118.80 to 119.80): V



#68
 1-Bromo-4-Fluorobenzene
 Concen: 7.636 ppbv
 RT: 14.41 min Scan# 3616
 Delta R.T. -0.01 min
 Lab File: VL036797.D
 Acq: 13 Apr 2021 10:54

Tgt Ion: 95 Resp: 1537796
 Ion Ratio Lower Upper
 95 100
 174 64.8 51.0 76.6
 175 4.6 3.9 5.9



Abundance Ion 95.10 (94.80 to 95.80): V
 Ion 174.00 (173.70 to 174.70): V
 Ion 175.00 (174.70 to 175.70): V

