

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040722\
 Data File : VL038843.D
 Acq On : 7 Apr 2022 16:15
 Operator : SY/AP
 Sample : N2245-02DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 BD-AMBIENTDL

Quant Time: Apr 08 05:24:06 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL040522AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Apr 06 06:12:53 2022
 QLast Update : Wed Apr 06 06:12:53 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.69	49	1251925	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.19	114	3116882	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.10	117	2690428	10.00	ppbv	0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2079036	10.19	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.90%

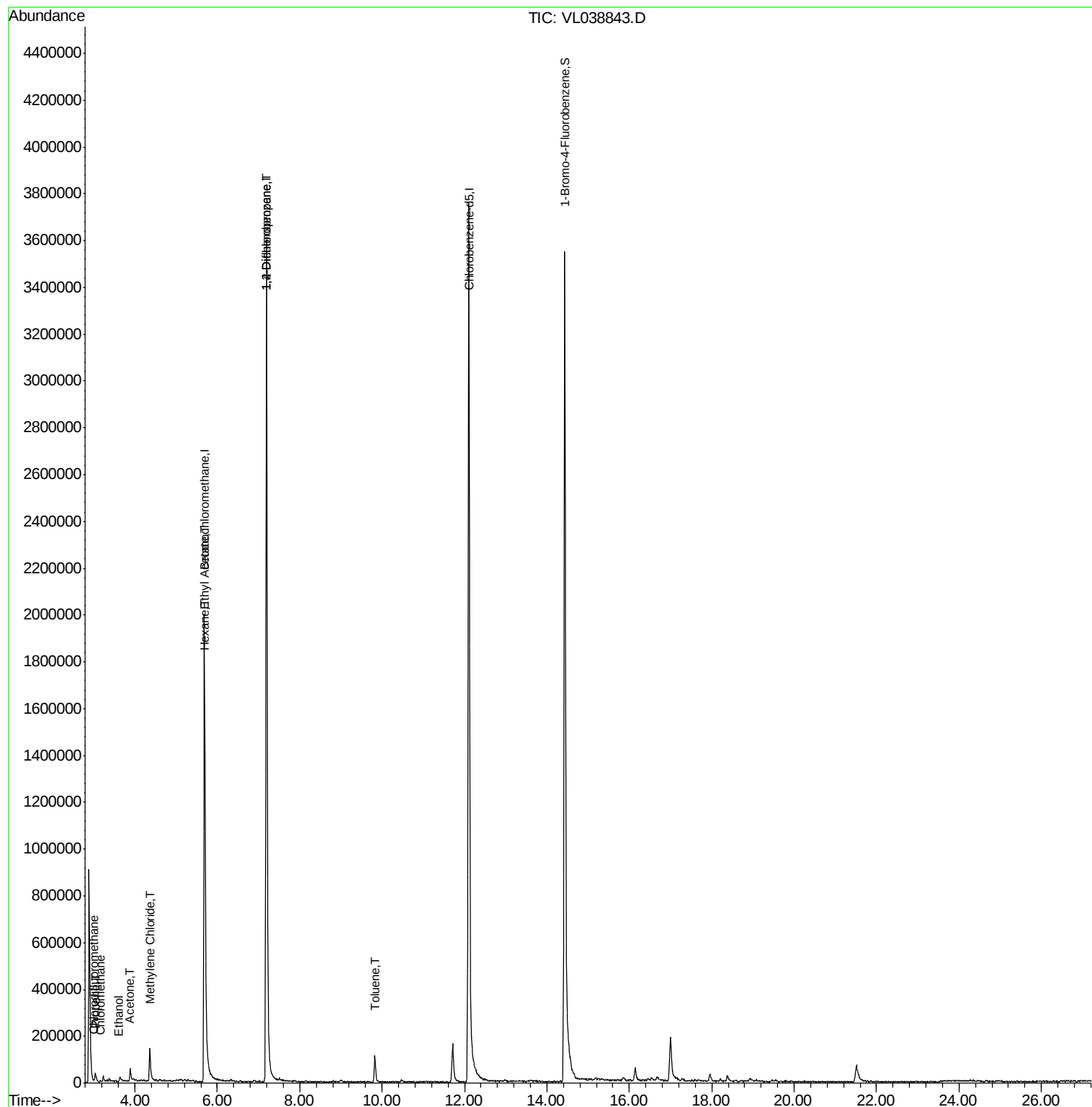
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chlorodifluoromethane	3.01	51	7971	0.052	ppbv #	87
4) Chloromethane	3.15	50	2790	0.035	ppbv	99
9) Propene	3.04	41	8252	0.102	ppbv	86
13) Ethanol	3.60	45	188	0.038	ppbv #	100
15) Acetone	3.89	43	58316	0.468	ppbv #	87
20) Methylene Chloride	4.37	84	53596	1.186	ppbv	92
25) Ethyl Acetate	5.70	43	25417	0.080	ppbv #	74
26) Hexane	5.71	57	61815	0.429	ppbv #	40
39) 1,2-Dichloropropane	7.19	63	806047	7.432	ppbv #	27
53) Toluene	9.83	91	100512	0.307	ppbv	99

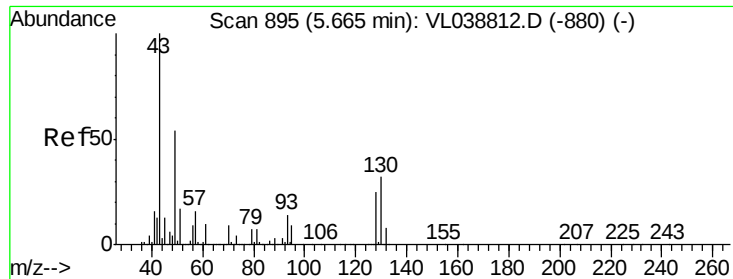
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_L
ClientSampleId :
BD-AMBIENTDL

Quant Time: Apr 08 05:24:06 2022
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL040522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Apr 06 06:12:53 2022
QLast Update : Wed Apr 06 06:12:53 2022
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.69 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 7 Apr 2022 16:15

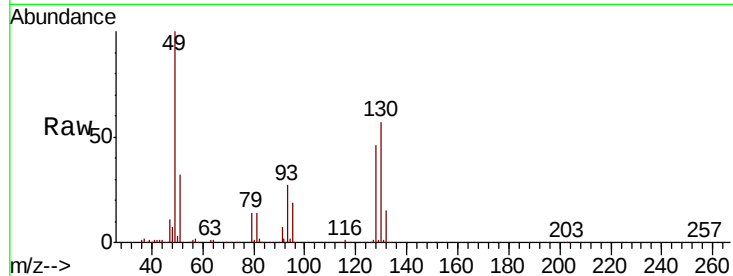
Tot Ion: 49 Resp: 1251925

Ion Ratio Lower Upper

49 100

128 45.4 24.1 72.3

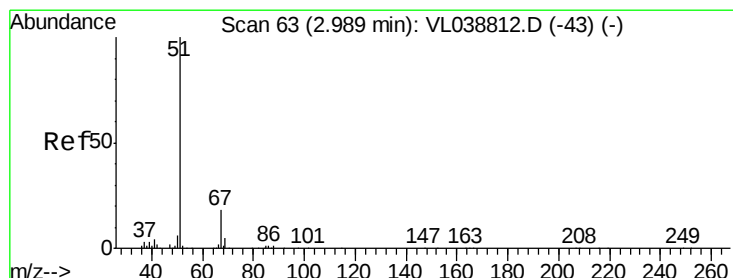
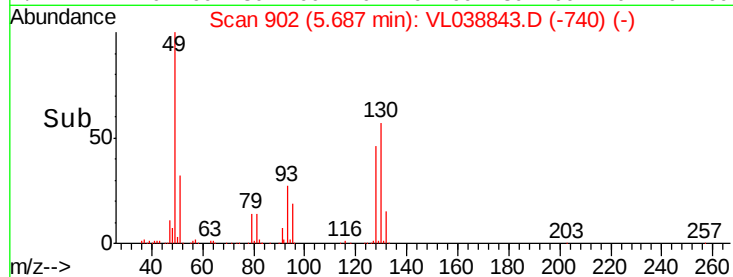
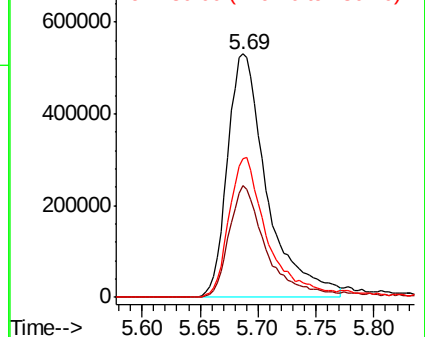
130 59.8 30.9 92.8



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



#3

Chlorodifluoromethane

Concen: 0.052 ppbv

RT: 3.01 min Scan# 69

Delta R.T. 0.02 min

Lab File: VL038843.D

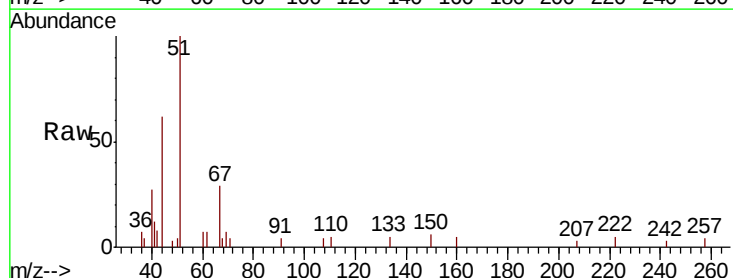
Acq: 7 Apr 2022 16:15

Tgt Ion: 51 Resp: 7971

Ion Ratio Lower Upper

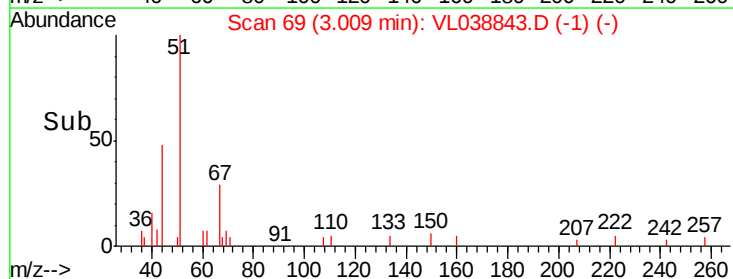
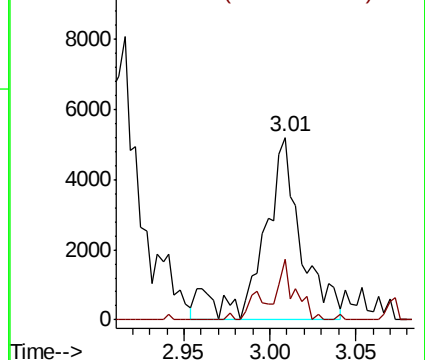
51 100

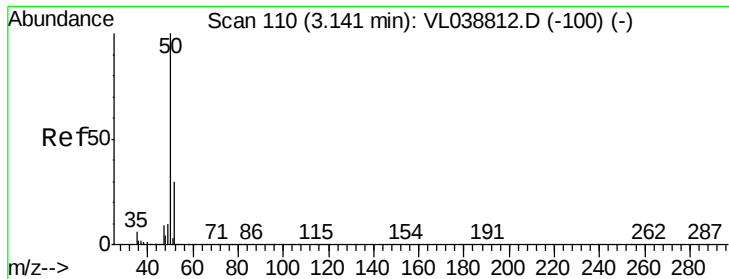
67 22.1 13.4 20.0#



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0





#4

Chloromethane

Concen: 0.035 ppbv

RT: 3.15 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

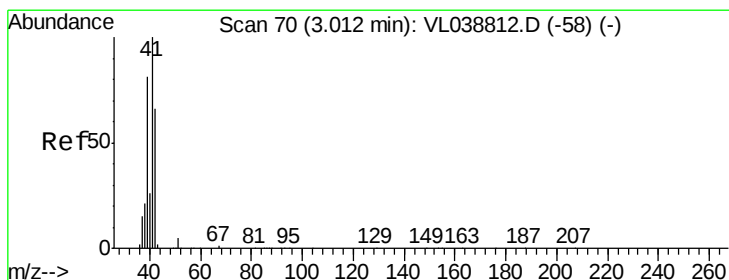
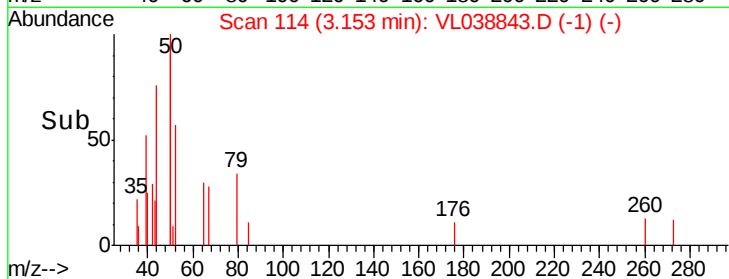
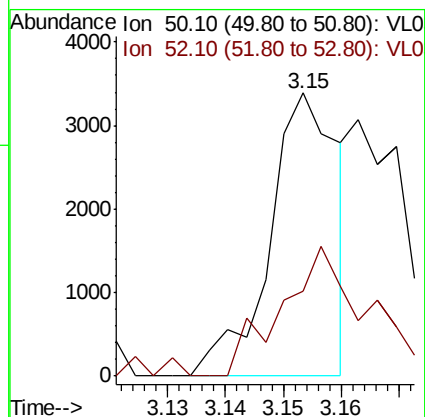
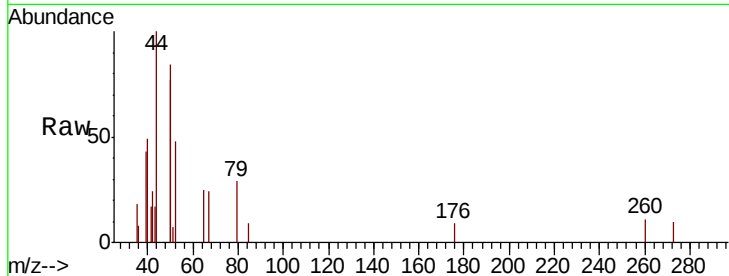
Acq: 7 Apr 2022 16:15 BD-AMBIENTDL

Tot Ion: 50 Resp: 2790

Ion Ratio Lower Upper

50 100

52 29.9 24.3 36.5



#9

Propene

Concen: 0.102 ppbv

RT: 3.04 min Scan# 78

Delta R.T. 0.03 min

Lab File: VL038843.D

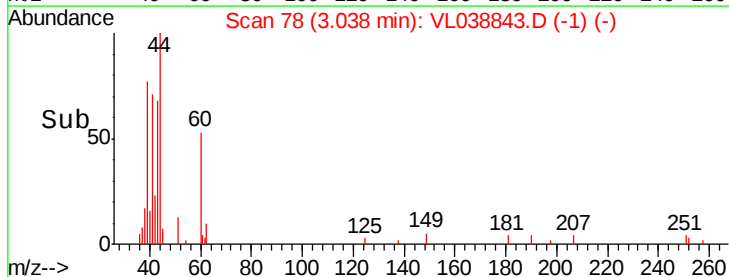
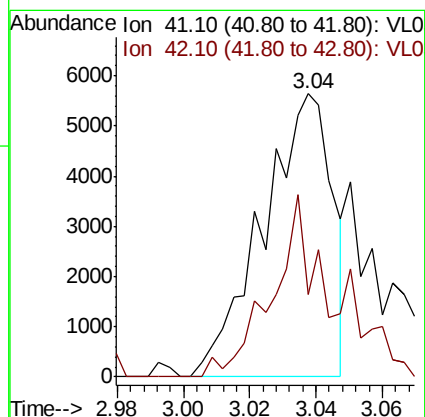
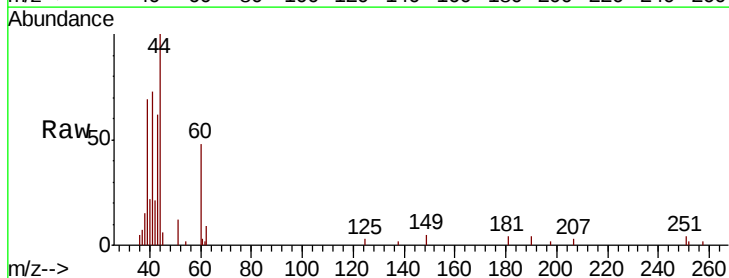
Acq: 7 Apr 2022 16:15

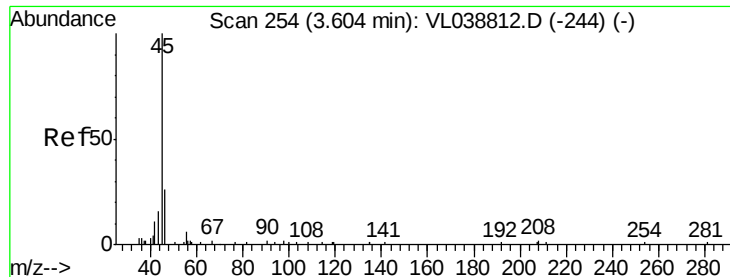
Tgt Ion: 41 Resp: 8252

Ion Ratio Lower Upper

41 100

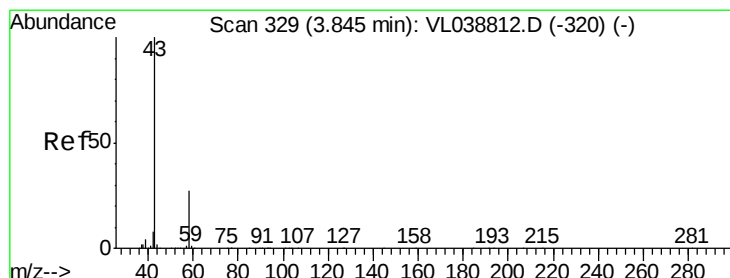
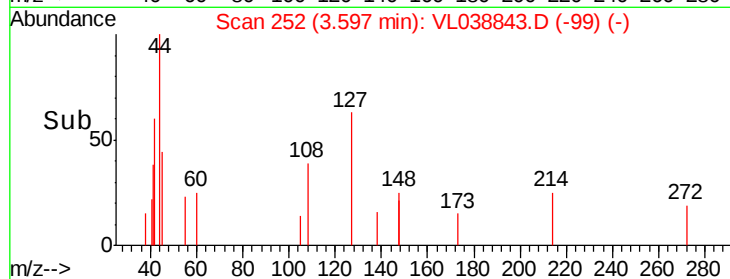
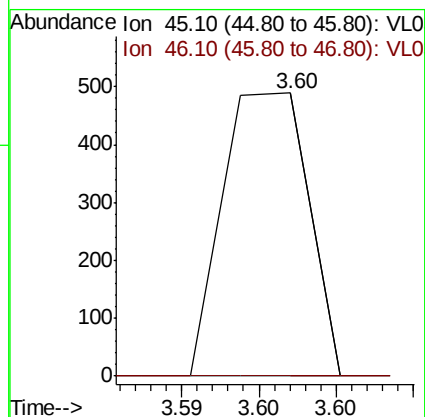
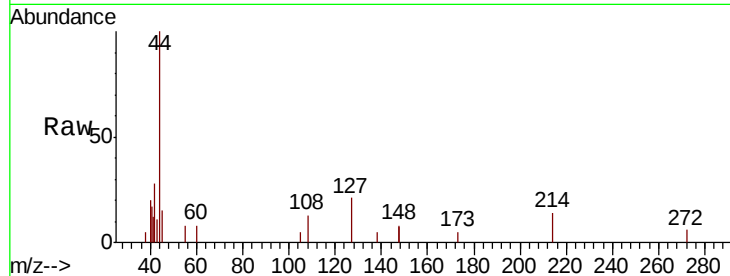
42 56.7 54.2 81.4





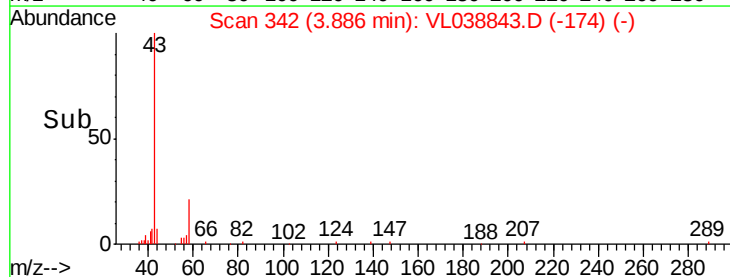
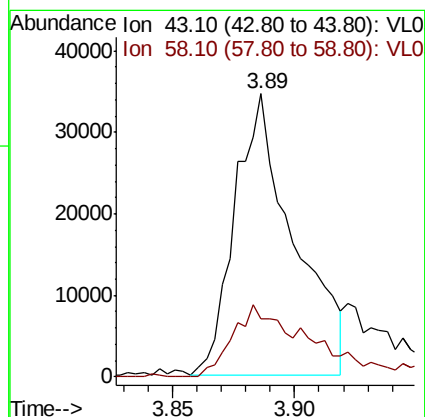
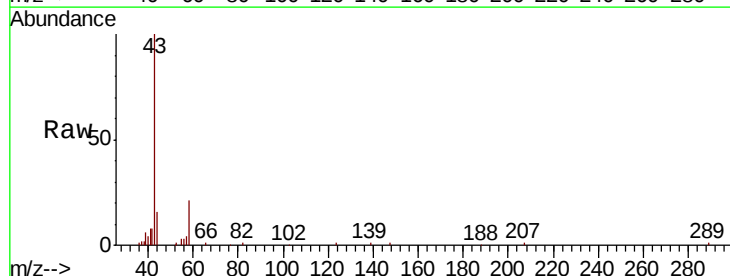
#13
 Ethanol
 Concen: 0.038 ppbv
 RT: 3.60
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 BD-AMBIENTDL
 Acq: 7 Apr 2022 16:15

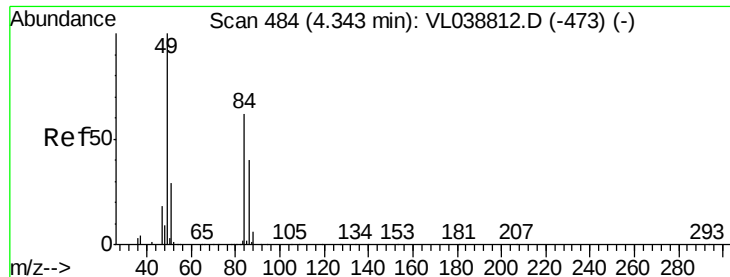
Tot Ion: 45 Resp: 188
 Ion Ratio Lower Upper
 45 100
 46 0.0 0.0 0.0



#15
 Acetone
 Concen: 0.468 ppbv
 RT: 3.89 min Scan# 342
 Delta R.T. 0.04 min
 Lab File: VL038843.D
 Acq: 7 Apr 2022 16:15

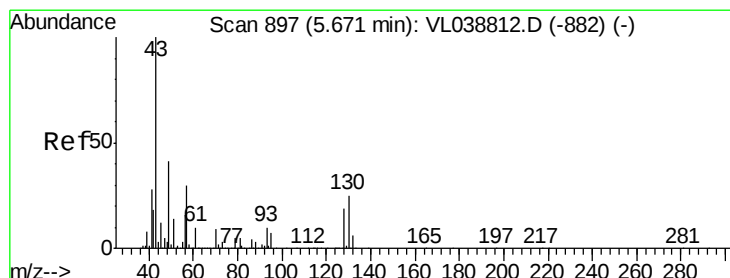
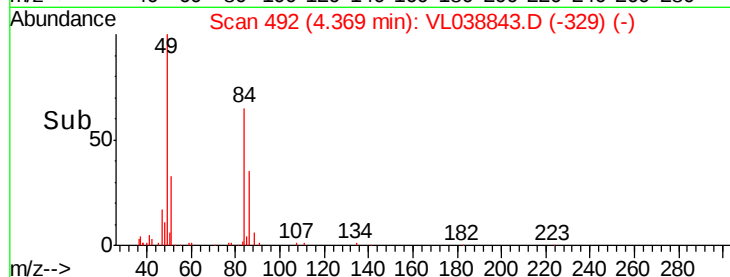
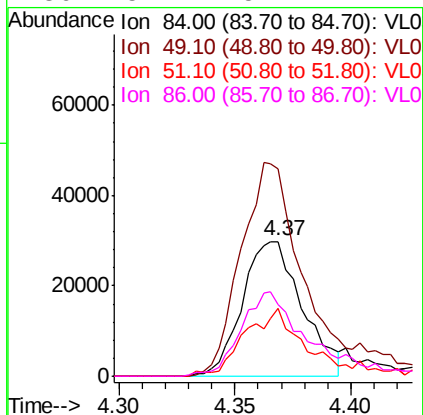
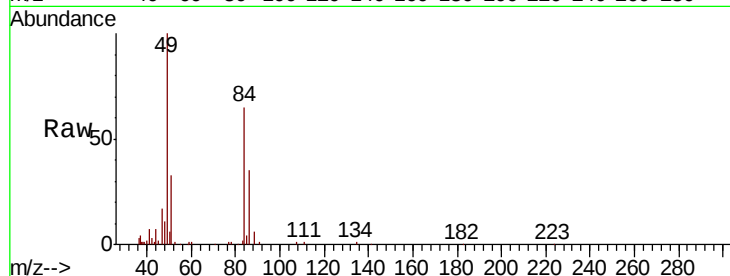
Tgt Ion: 43 Resp: 58316
 Ion Ratio Lower Upper
 43 100
 58 35.2 22.5 33.7#





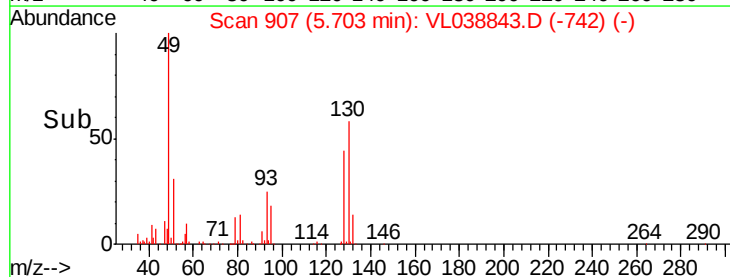
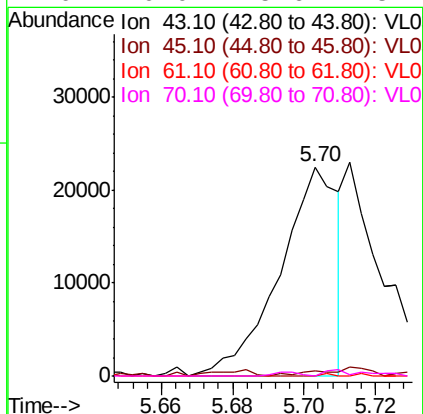
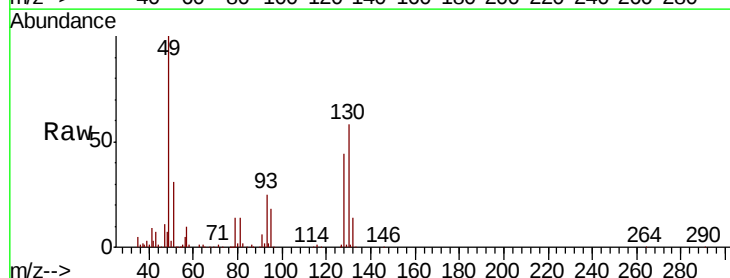
#20
Methvlene Chloride
Concen: 1.186 ppbv
RT: 4.37
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 7 Apr 2022 16:15

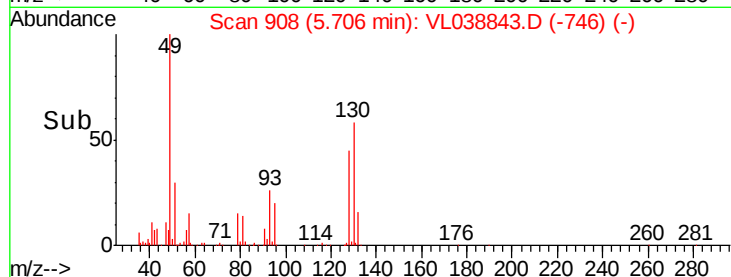
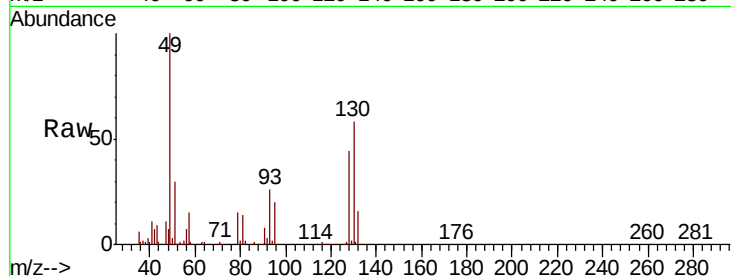
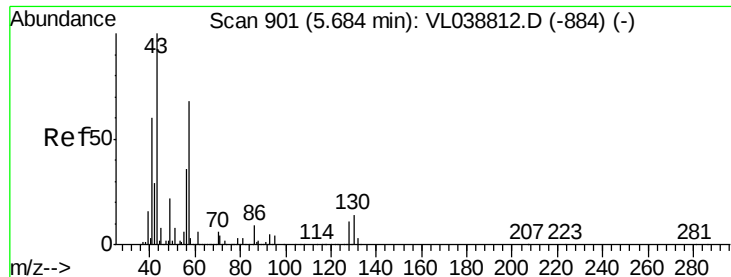
Tot Ion:	84	Resp:	53596
Ion	Ratio	Lower	Upper
84	100		
49	154.5	129.4	194.0
51	50.4	37.4	56.2
86	52.4	51.4	77.2



#25
Ethyl Acetate
Concen: 0.080 ppbv
RT: 5.70 min Scan# 907
Delta R.T. 0.03 min
Lab File: VL038843.D
Acq: 7 Apr 2022 16:15

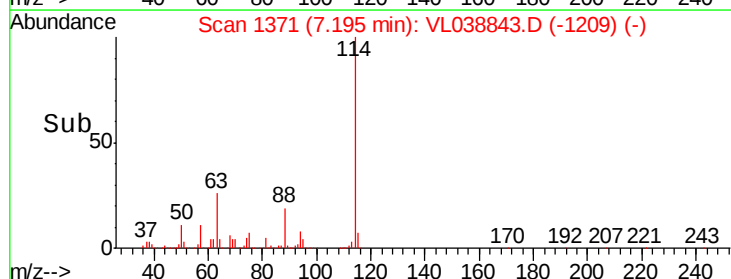
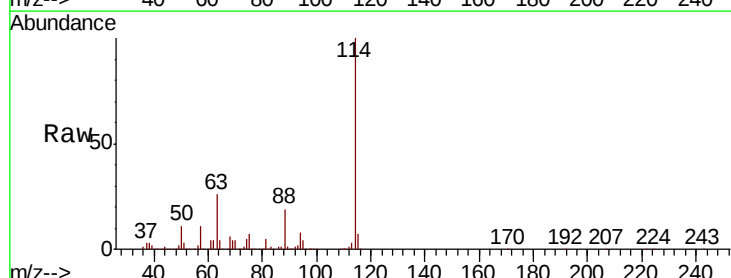
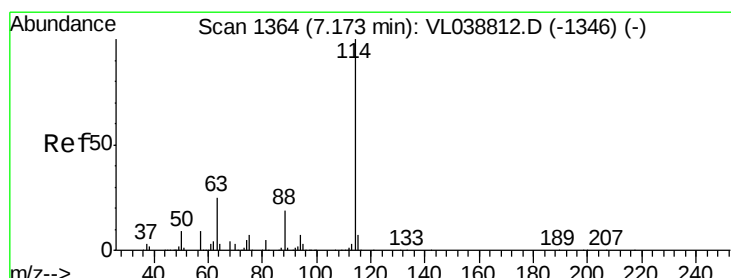
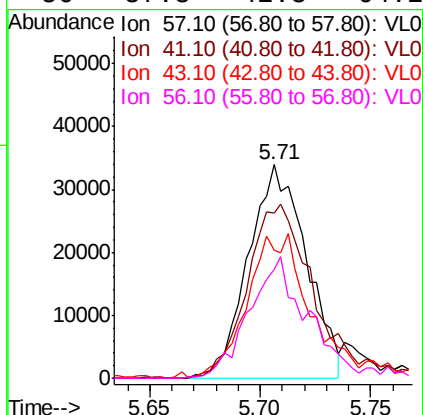
Tgt Ion:	43	Resp:	25417
Ion	Ratio	Lower	Upper
43	100		
45	0.0	8.4	12.6#
61	0.0	7.9	11.9#
70	0.0	5.6	8.4#





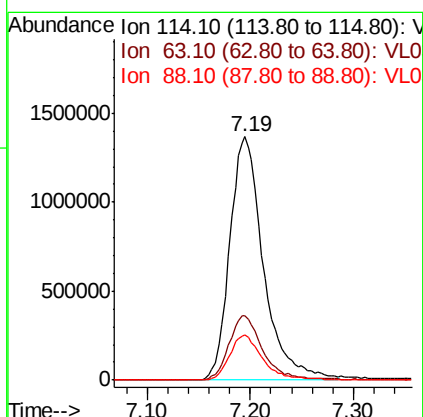
#26
Hexane
Concen: 0.429 ppbv
RT: 5.71
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
BD-AMBIENTDL
Acq: 7 Apr 2022 16:15

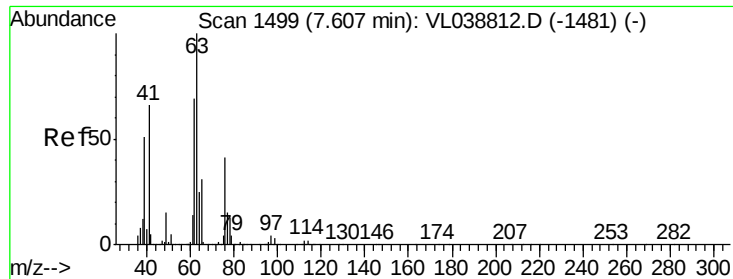
Tot Ion: 57 Resp: 61815
Ion Ratio Lower Upper
57 100
41 98.9 72.0 108.0
43 78.9 186.6 280.0#
56 57.8 42.8 64.2



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1371
Delta R.T. 0.02 min
Lab File: VL038843.D
Acq: 7 Apr 2022 16:15

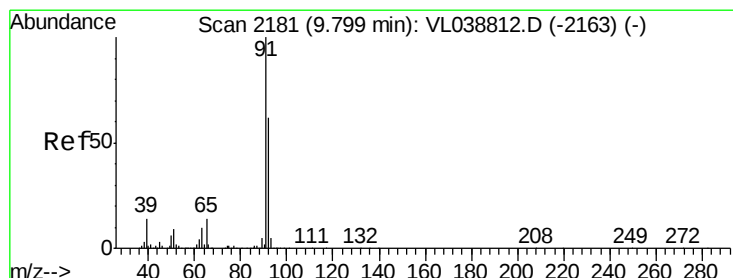
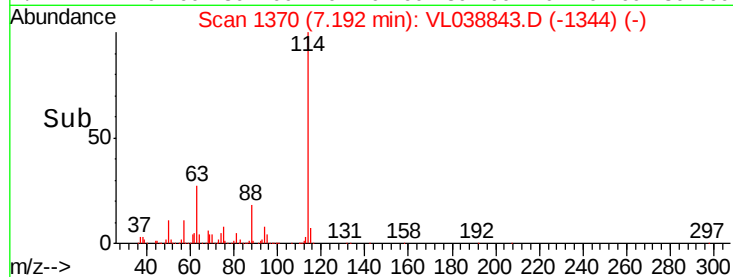
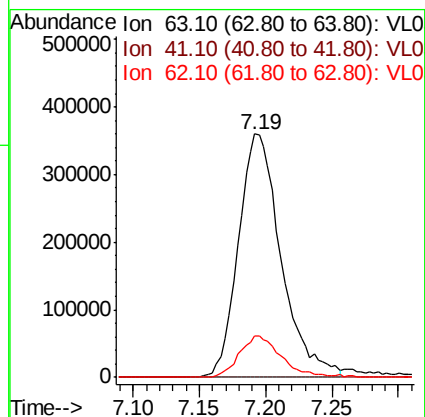
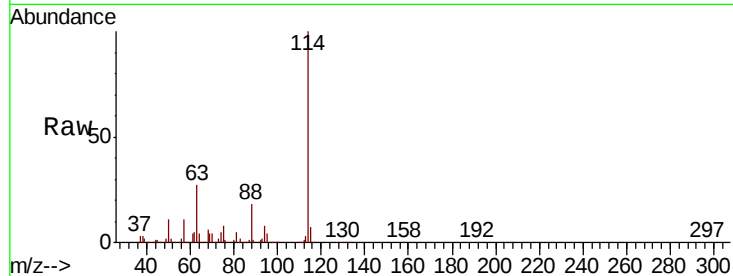
Tgt Ion: 114 Resp: 3116882
Ion Ratio Lower Upper
114 100
63 26.8 19.8 29.8
88 18.7 14.2 21.4





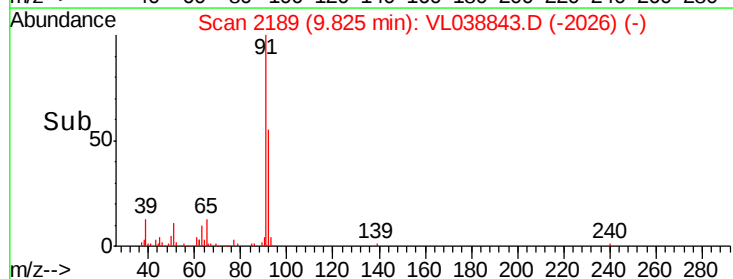
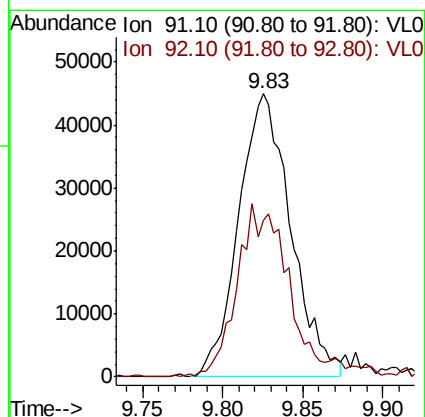
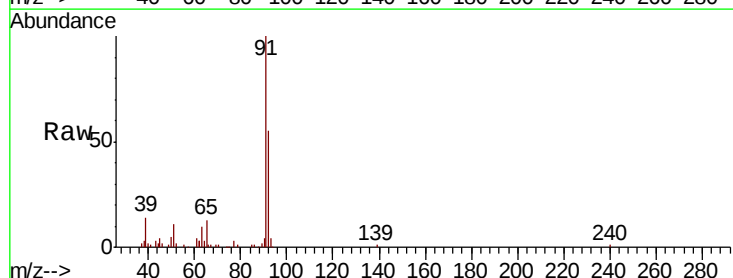
#39
 1,2-Dichloropropane
 Concen: 7.432 ppbv
 RT: 7.19
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 BD-AMBIENTDL
 Acq: 7 Apr 2022 16:15

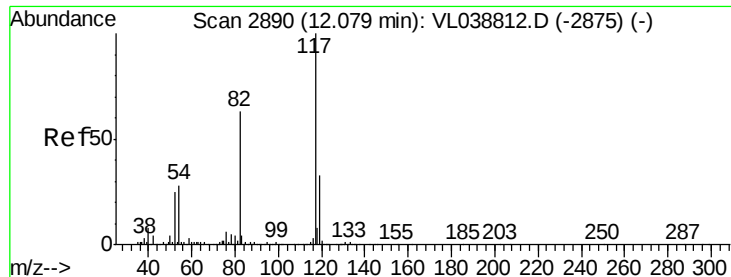
Tot Ion	63	Resp	806047
Ion Ratio	Lower	Upper	
63	100		
41	0.0	53.0	79.6#
62	17.0	55.0	82.4#



#53
 Toluene
 Concen: 0.307 ppbv
 RT: 9.83 min Scan# 2189
 Delta R.T. 0.03 min
 Lab File: VL038843.D
 Acq: 7 Apr 2022 16:15

Tgt Ion	91	Resp	100512
Ion Ratio	Lower	Upper	
91	100		
92	62.1	49.2	73.8

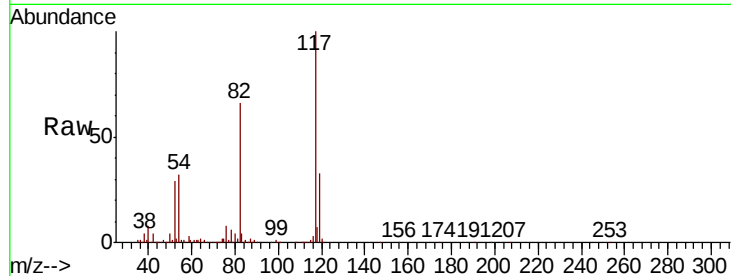




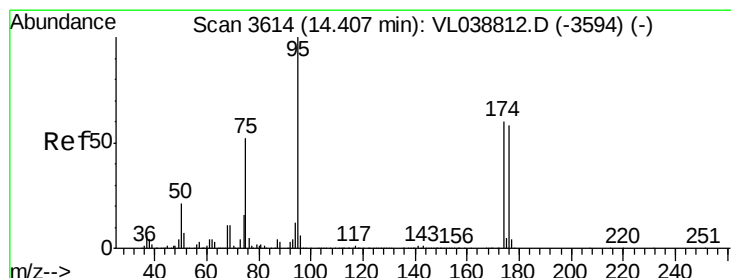
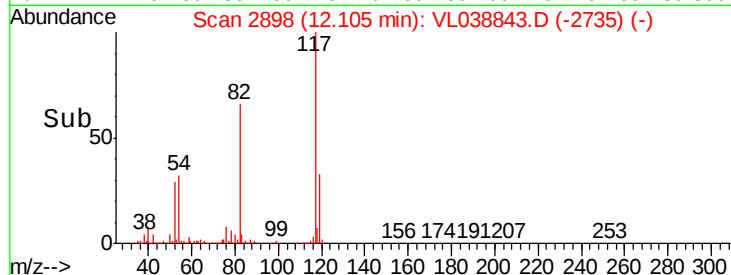
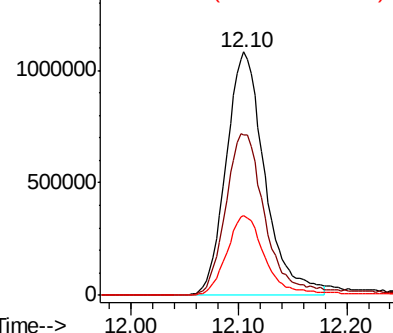
#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.10 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 BD-AMBIENTDL
 Acq: 7 Apr 2022 16:15

Tot Ion: 117 Resp: 2690428

Ion	Ratio	Lower	Upper
117	100		
82	71.4	53.0	79.6
119	33.7	24.9	37.3



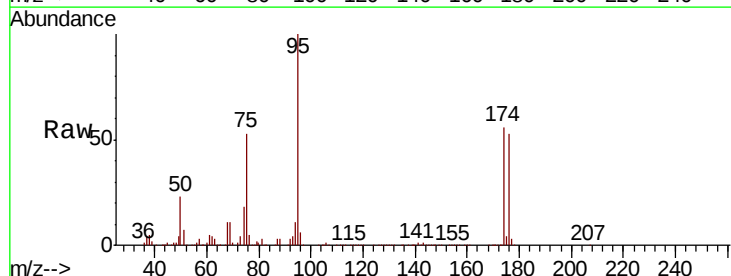
Abundance Ion 117.10 (116.80 to 117.80): V
 Ion 82.10 (81.80 to 82.80): VL0
 Ion 119.10 (118.80 to 119.80): V



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.187 ppbv
 RT: 14.43 min Scan# 3622
 Delta R.T.: 0.03 min
 Lab File: VL038843.D
 Acq: 7 Apr 2022 16:15

Tgt Ion: 95 Resp: 2079036

Ion	Ratio	Lower	Upper
95	100		
174	64.6	52.0	78.0
175	4.4	4.0	6.0



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

