

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030322\
 Data File : VL038522.D
 Acq On : 3 Mar 2022 20:32
 Operator : SY/AP
 Sample : CAN 10258
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10258

Quant Time: Mar 04 04:34:39 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL022222AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Feb 22 19:45:51 2022
 QLast Update : Tue Feb 22 19:45:51 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	602274	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.15	114	1354168	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.05	117	889446	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.38	95	733252	9.96	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.60%

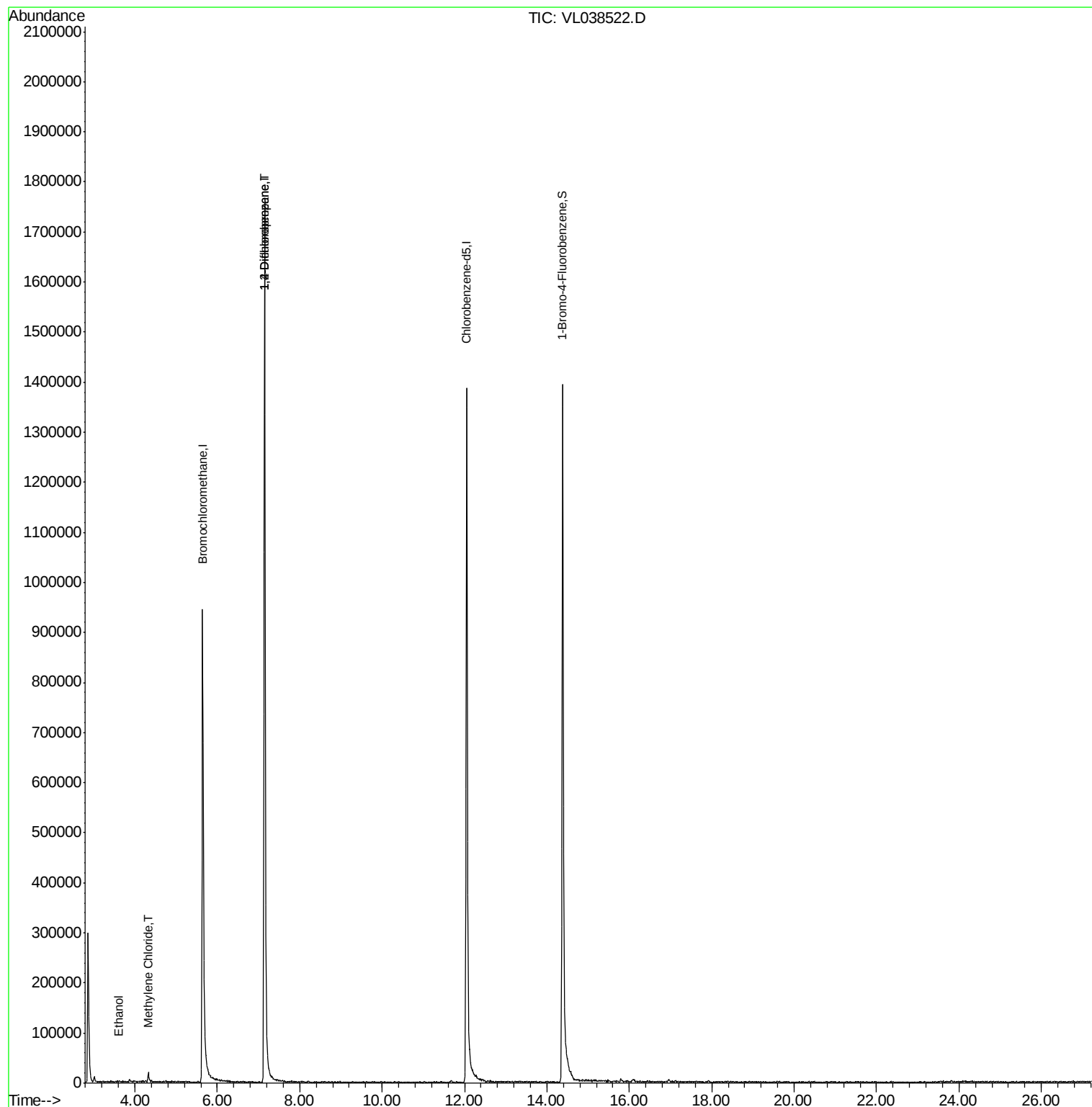
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.59	45	130	0.037	ppbv #	31
20) Methylene Chloride	4.33	84	5827	0.230	ppbv #	93
39) 1,2-Dichloropropane	7.15	63	392331	8.262	ppbv #	25

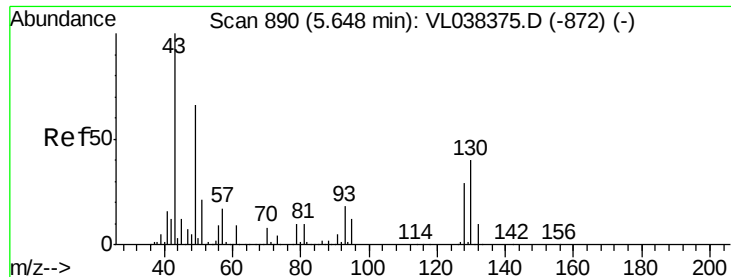
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.64 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 3 Mar 2022 20:32 CAN 10258

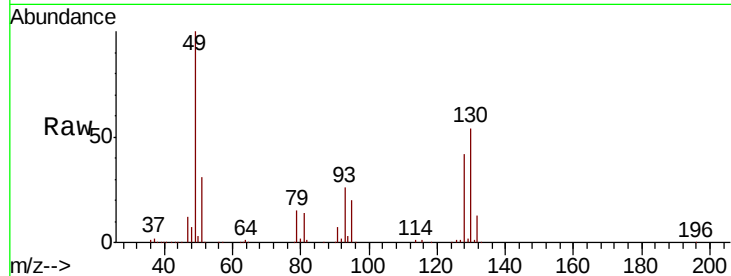
Tot Ion: 49 Resp: 602274

Ion Ratio Lower Upper

49 100

128 44.9 24.3 72.9

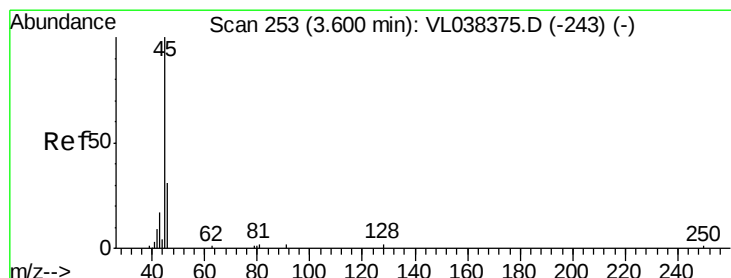
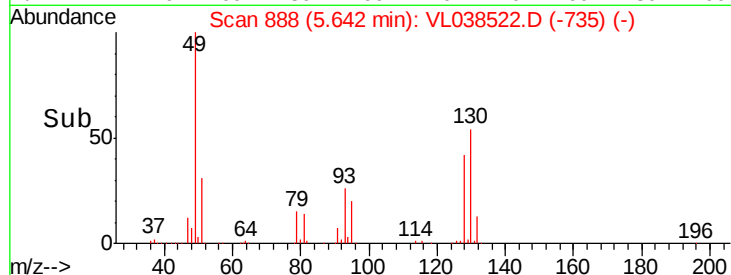
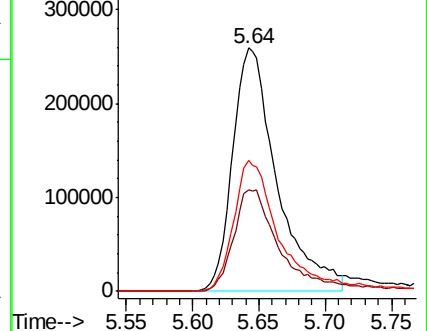
130 58.0 30.1 90.5



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



#13

Ethanol

Concen: 0.037 ppbv

RT: 3.59 min Scan# 251

Delta R.T. -0.01 min

Lab File: VL038522.D

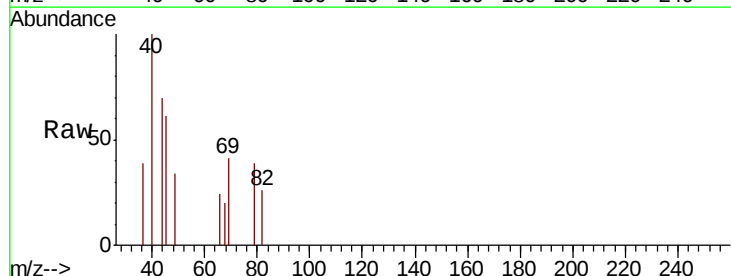
Acq: 3 Mar 2022 20:32

Tgt Ion: 45 Resp: 130

Ion Ratio Lower Upper

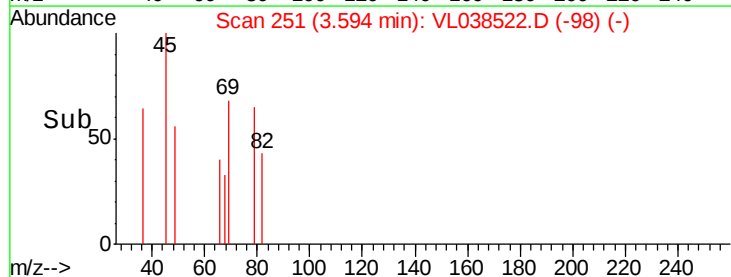
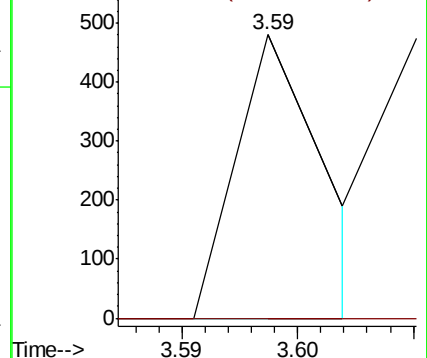
45 100

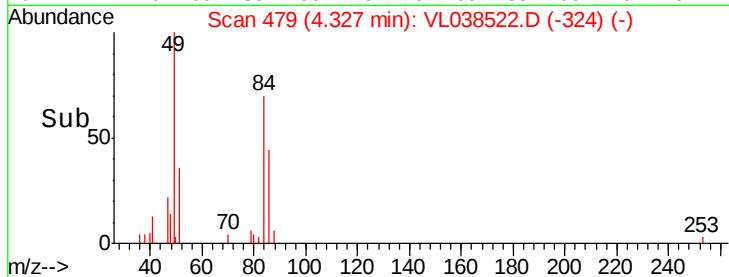
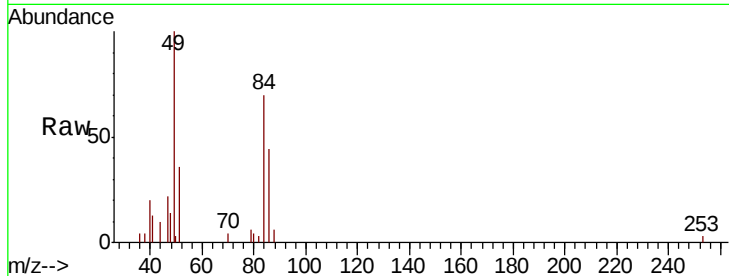
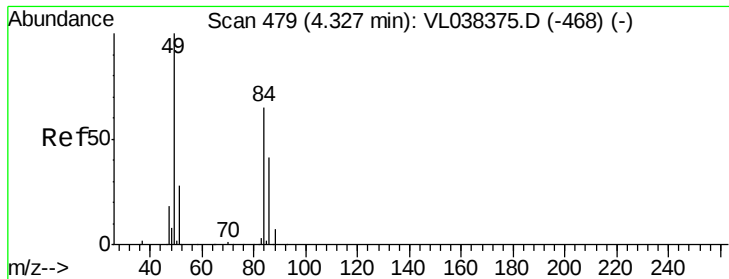
46 0.0 18.2 72.8#



Abundance Ion 45.10 (44.80 to 45.80): VL0

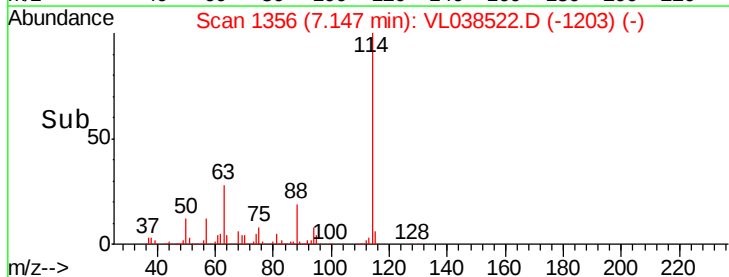
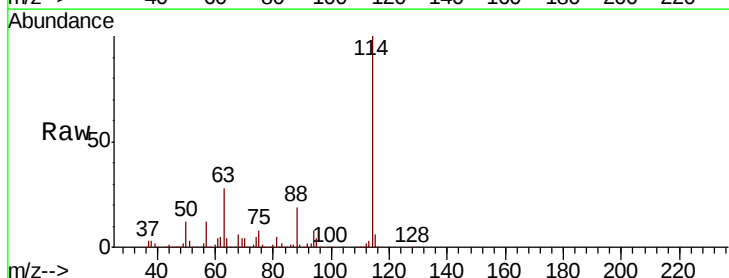
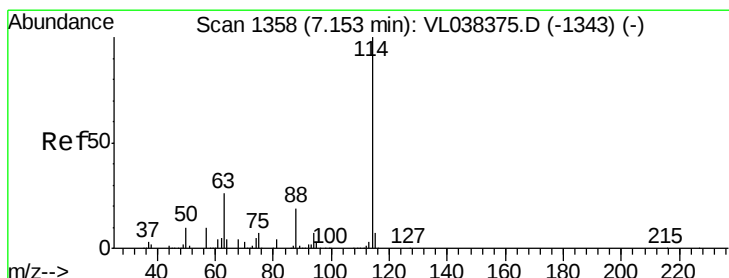
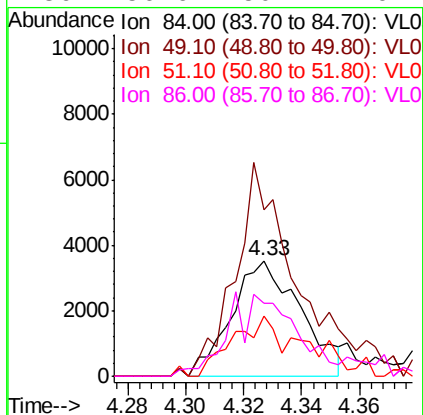
Ion 46.10 (45.80 to 46.80): VL0





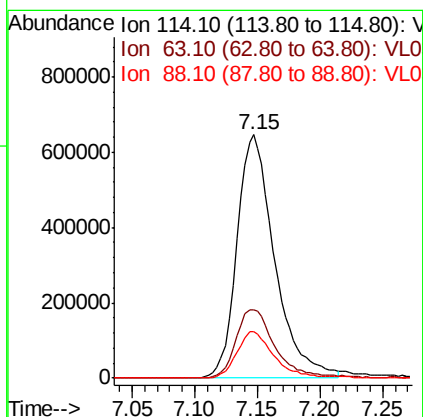
#20
Methvlene Chloride
Concen: 0.230 ppbv
RT: 4.33
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 3 Mar 2022 20:32

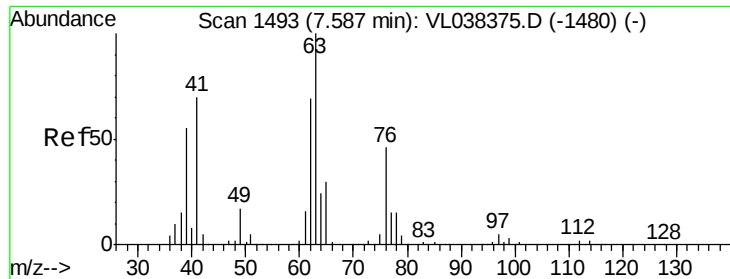
Tot Ion: 84 Resp: 5827
Ion Ratio Lower Upper
84 100
49 148.0 122.4 183.6
51 51.6 33.3 49.9#
86 56.6 50.7 76.1



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.15 min Scan# 1356
Delta R.T. -0.01 min
Lab File: VL038522.D
Acq: 3 Mar 2022 20:32

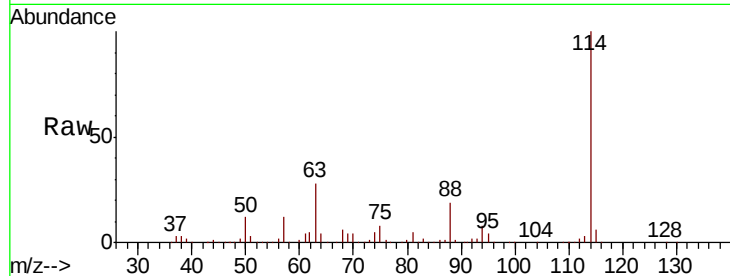
Tgt Ion: 114 Resp: 1354168
Ion Ratio Lower Upper
114 100
63 30.1 22.2 33.2
88 19.4 15.2 22.8





#39
 1,2-Dichloropropane
 Concen: 8.262 ppbv
 RT: 7.15
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 3 Mar 2022 20:32

Tot Ion	63.10	Resp	392331
Ion	Ratio	Lower	Upper
63	100		
41	0.0	56.1	84.1#
62	16.1	55.5	83.3#

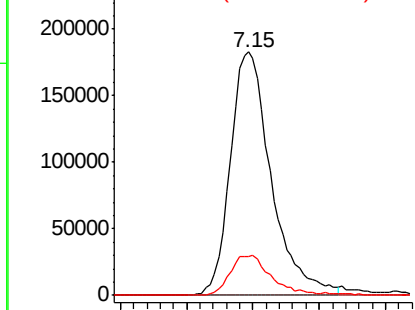


Abundance

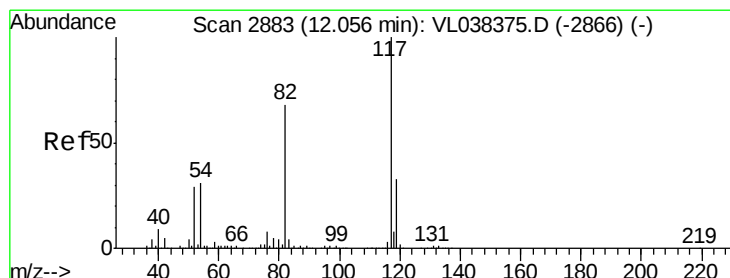
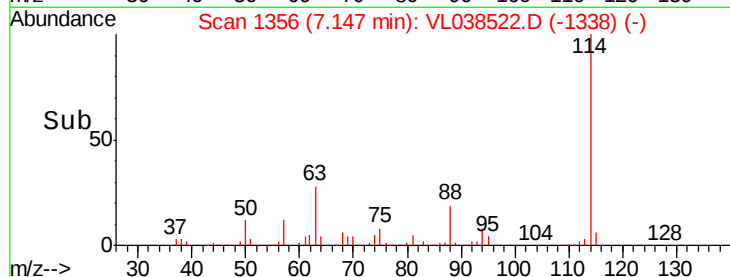
Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0

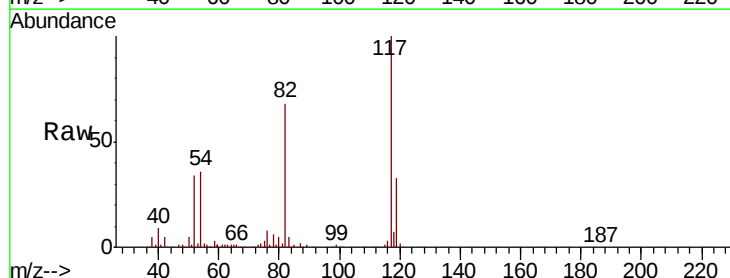


Time-->



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.05 min Scan# 2882
 Delta R.T. -0.00 min
 Lab File: VL038522.D
 Acq: 3 Mar 2022 20:32

Tgt Ion	117	Resp	889446
Ion	Ratio	Lower	Upper
117	100		
82	75.2	54.9	82.3
119	33.3	46.1	69.1#

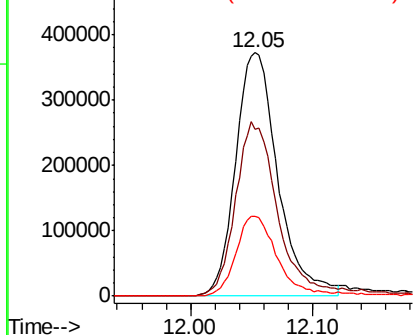


Abundance

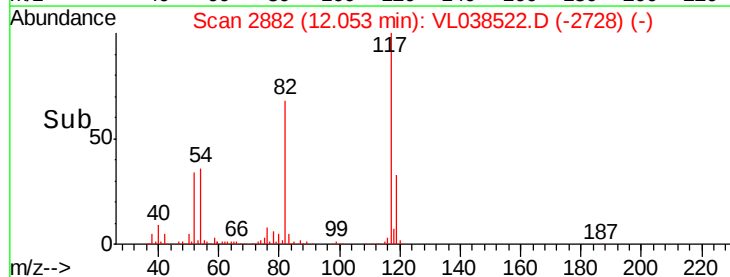
Ion 117.10 (116.80 to 117.80): V

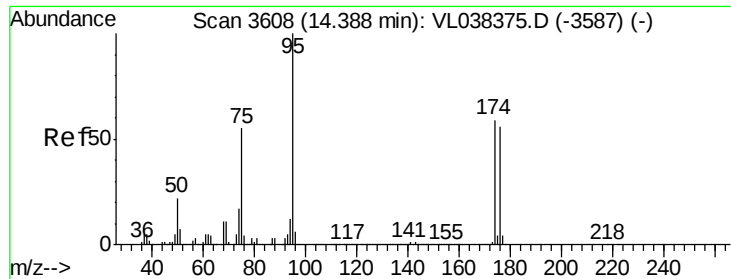
Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V



Time-->





#68

1-Bromo-4-Fluorobenzene

Concen: 9.963 ppbv

RT: 14.38

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 3 Mar 2022 20:32

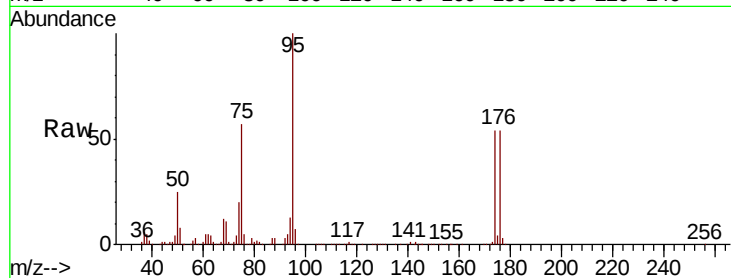
Tot Ion: 95 Resp: 733252

Ion Ratio Lower Upper

95 100

174 59.2 49.0 73.4

175 4.1 3.6 5.4



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

