

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030422\
 Data File : VL038536.D
 Acq On : 4 Mar 2022 16:29
 Operator : SY/AP
 Sample : CAN 10326
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Mar 05 04:59:04 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL022222AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 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	991552	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.14	114	2426875	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.05	117	1913354	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.37	95	1474170	9.31	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.10%

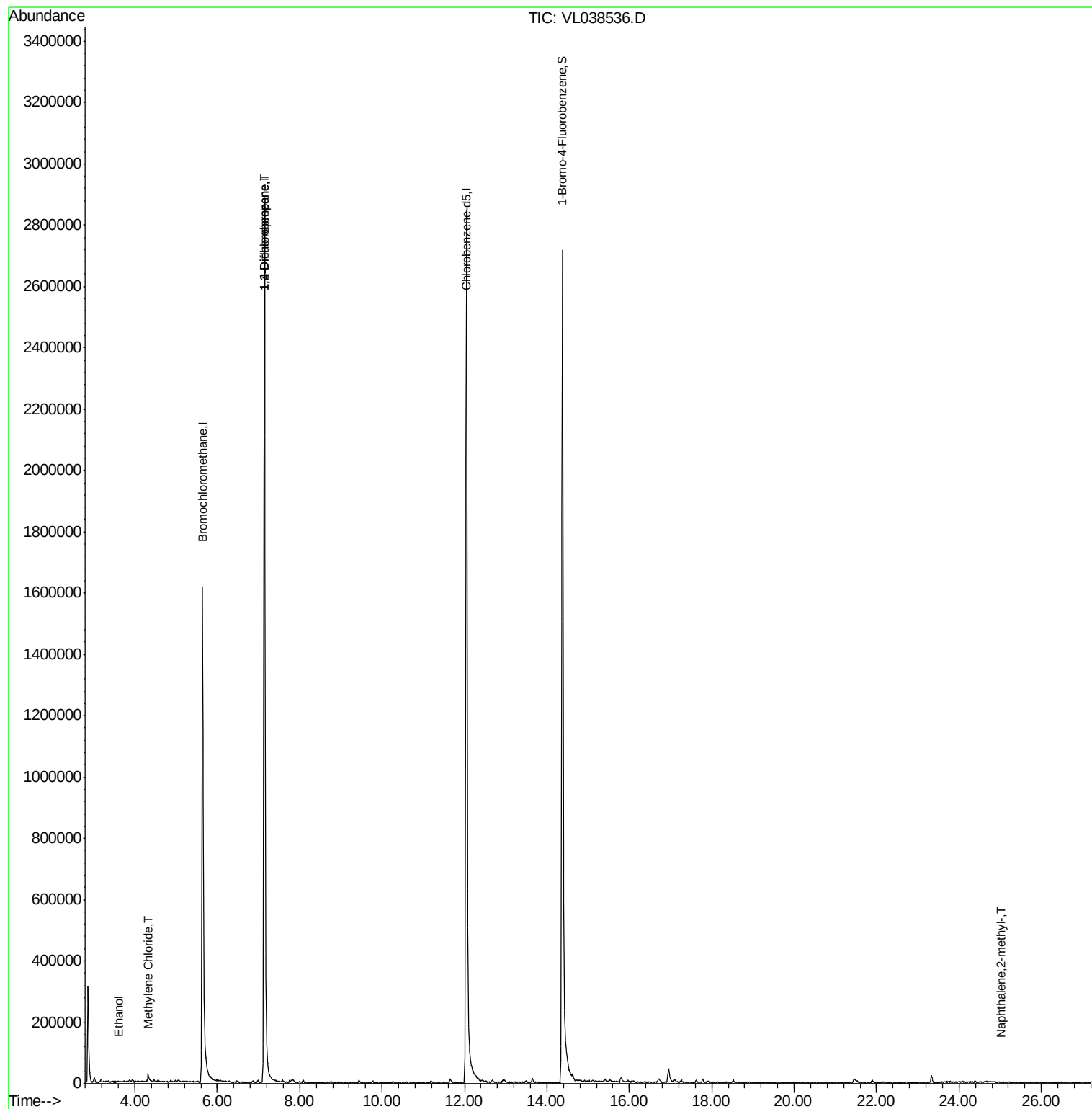
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.59	45	217	0.038	ppbv #	31
20) Methylene Chloride	4.32	84	8605	0.206	ppbv #	69
39) 1,2-Dichloropropane	7.14	63	641875	7.543	ppbv #	25
80) Naphthalene,2-methyl-	25.02	142	734	0.031	ppbv #	51

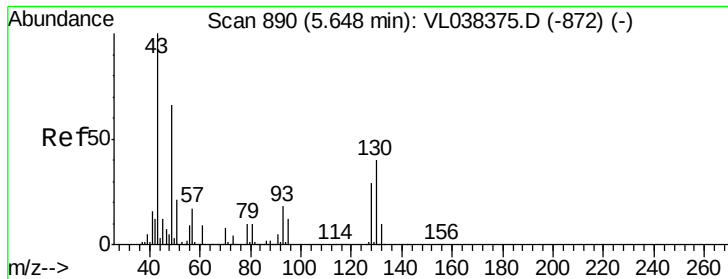
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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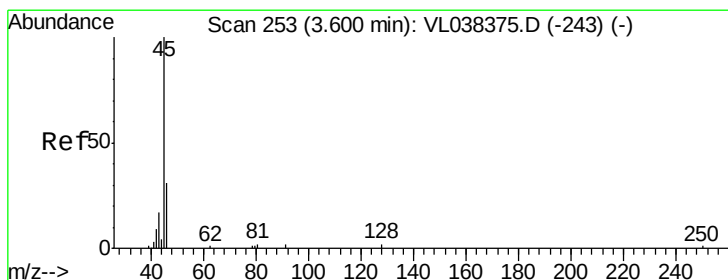
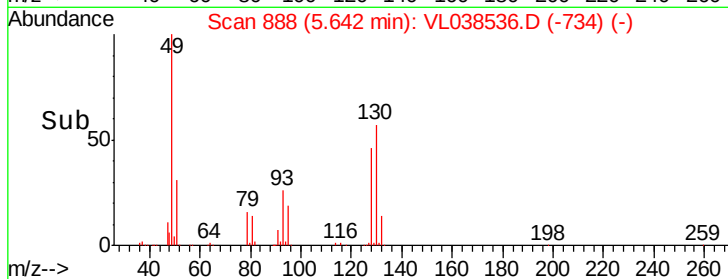
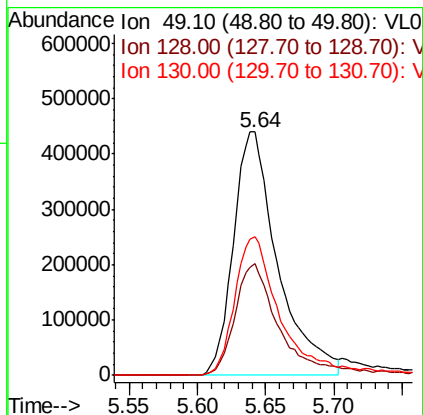
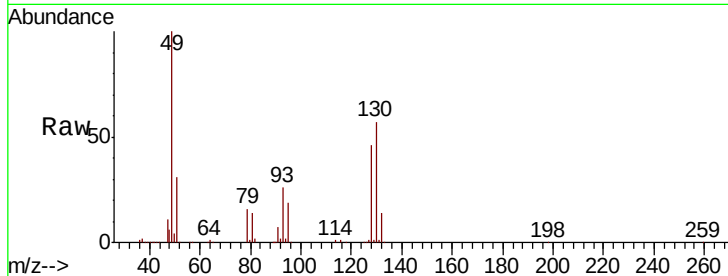
Quant Time: Mar 05 04:59:04 2022
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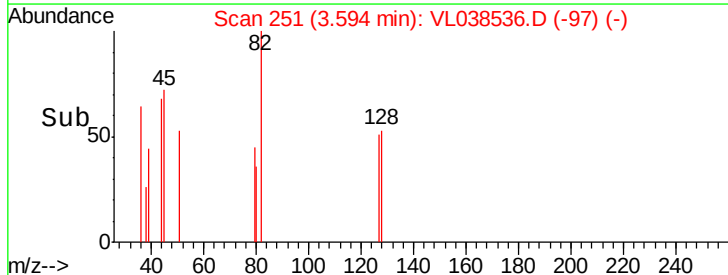
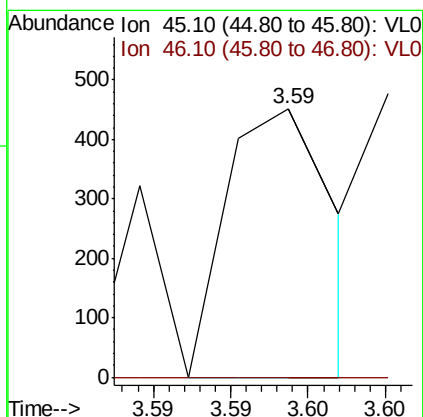
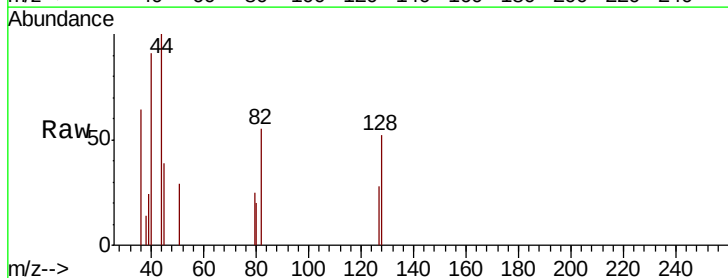
#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.64
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 4 Mar 2022 16:29

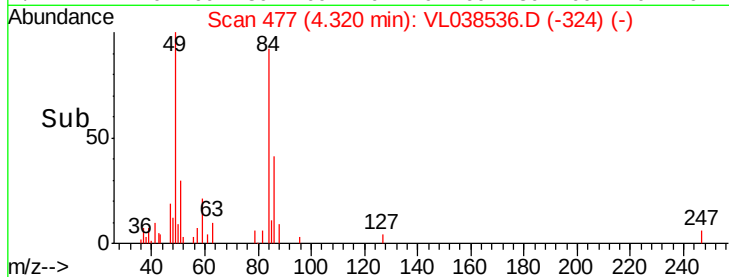
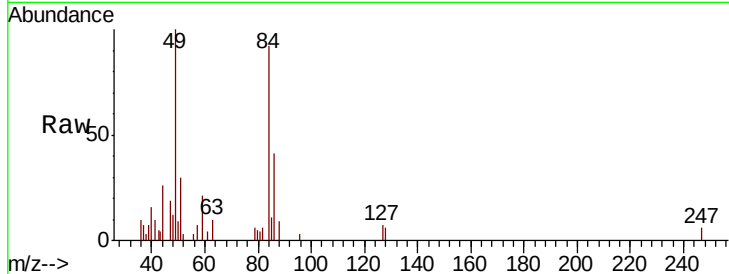
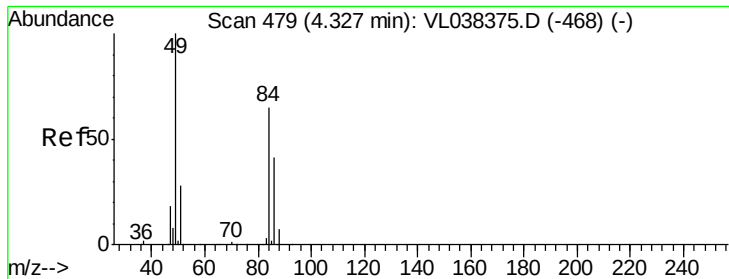
Tot Ion: 49 Resp: 991552
 Ion Ratio Lower Upper
 49 100
 128 47.1 24.3 72.9
 130 62.1 30.1 90.5



#13
 Ethanol
 Concen: 0.038 ppbv
 RT: 3.59 min Scan# 251
 Delta R.T. -0.01 min
 Lab File: VL038536.D
 Acq: 4 Mar 2022 16:29

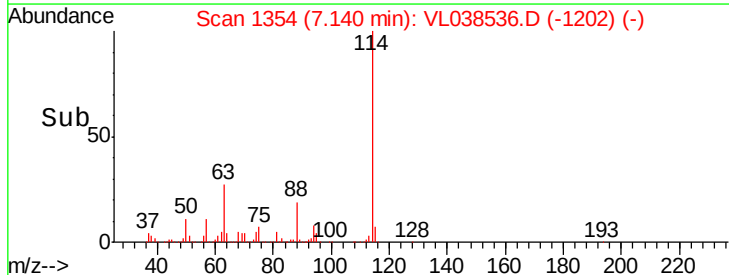
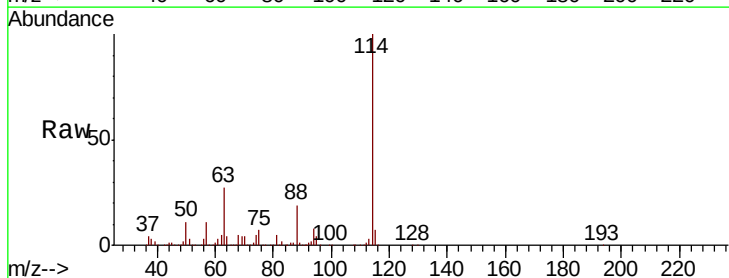
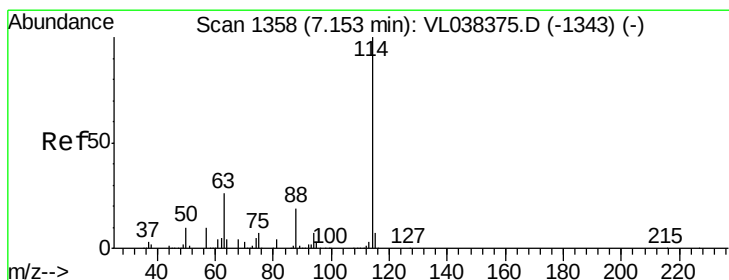
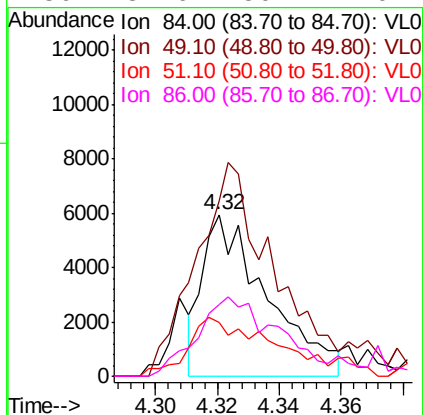
Tgt Ion: 45 Resp: 217
 Ion Ratio Lower Upper
 45 100
 46 0.0 18.2 72.8#





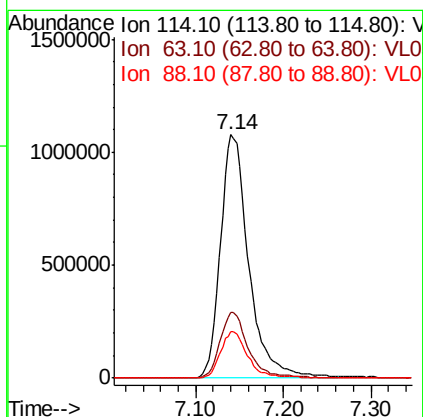
#20
Methylene Chloride
Concen: 0.206 ppbv
RT: 4.32 Instrument : MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 4 Mar 2022 16:29

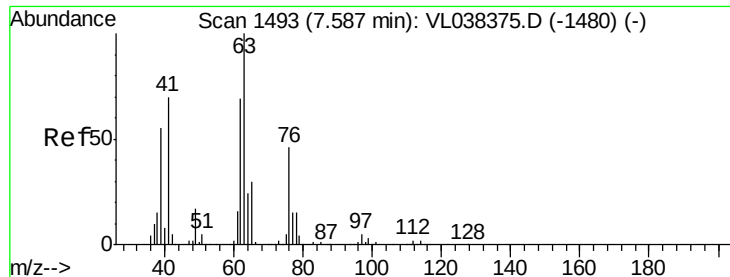
Tot Ion:	84	Resp:	8605
Ion	Ratio	Lower	Upper
84	100		
49	111.2	122.4	183.6#
51	25.9	33.3	49.9#
86	37.6	50.7	76.1#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.14 min Scan# 1354
Delta R.T. -0.01 min
Lab File: VL038536.D
Acq: 4 Mar 2022 16:29

Tgt Ion:	114	Resp:	2426875
Ion	Ratio	Lower	Upper
114	100		
63	27.1	22.2	33.2
88	18.7	15.2	22.8





#39

1,2-Dichloropropane

Concen: 7.543 ppbv

RT: 7.14 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 4 Mar 2022 16:29

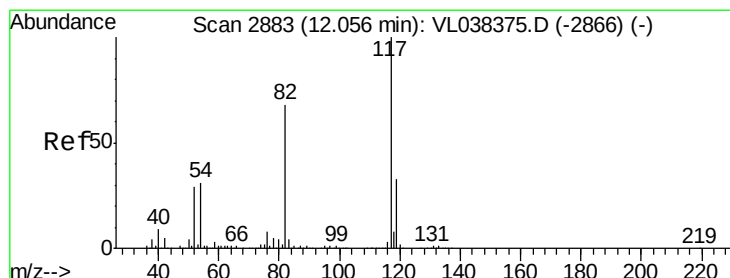
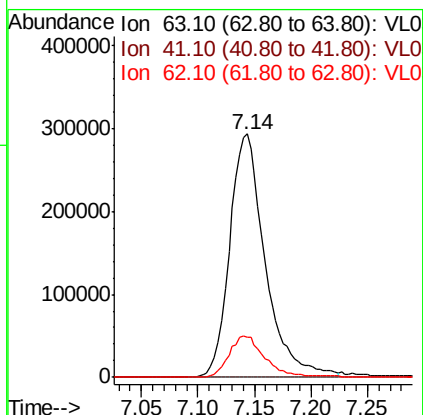
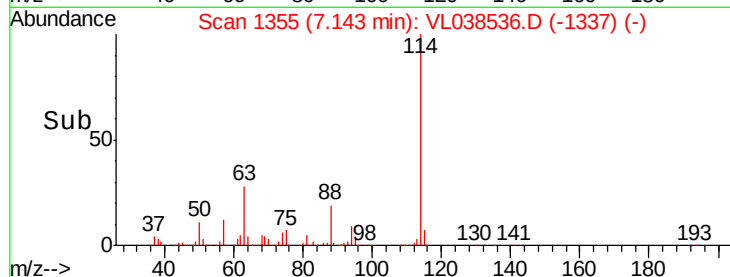
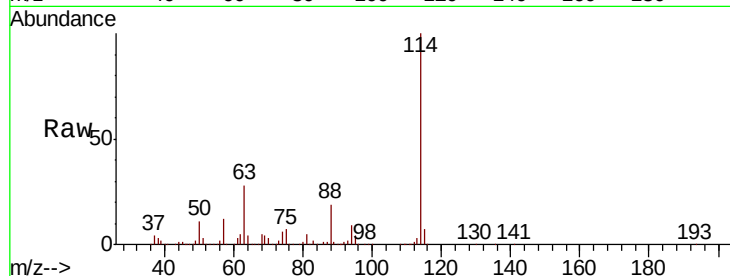
Tot Ion: 63 Resp: 641875

Ion Ratio Lower Upper

63 100

41 0.1 56.1 84.1#

62 16.3 55.5 83.3#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.05 min Scan# 2880

Delta R.T. -0.01 min

Lab File: VL038536.D

Acq: 4 Mar 2022 16:29

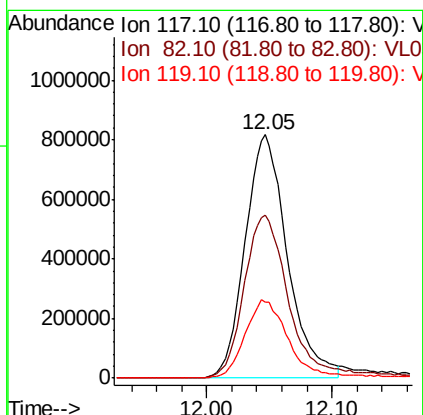
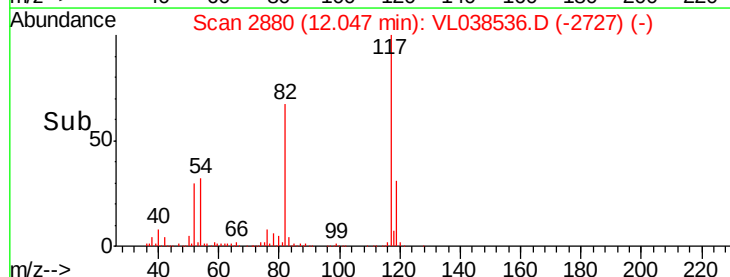
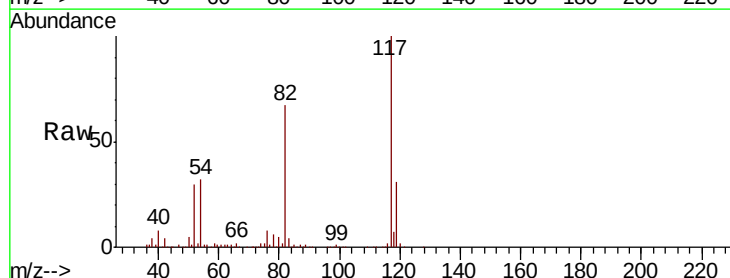
Tgt Ion: 117 Resp: 1913354

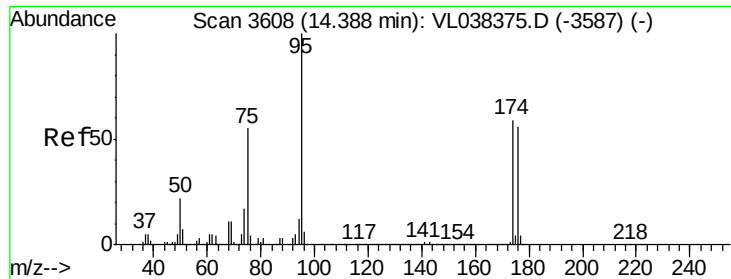
Ion Ratio Lower Upper

117 100

82 74.9 54.9 82.3

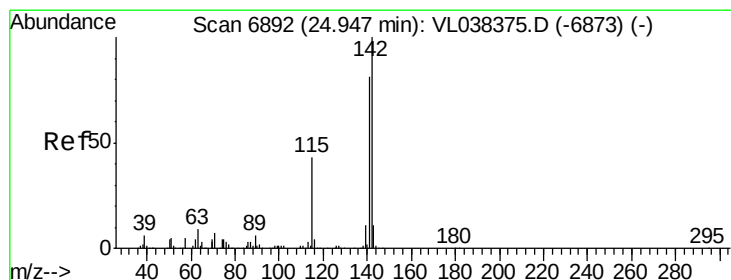
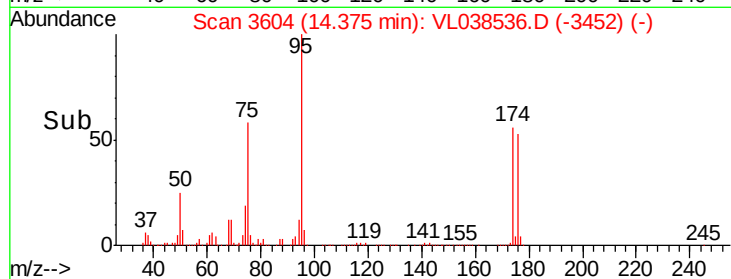
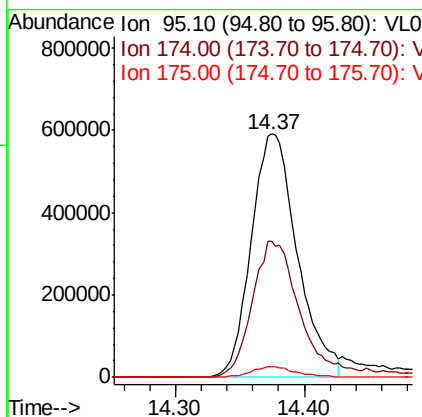
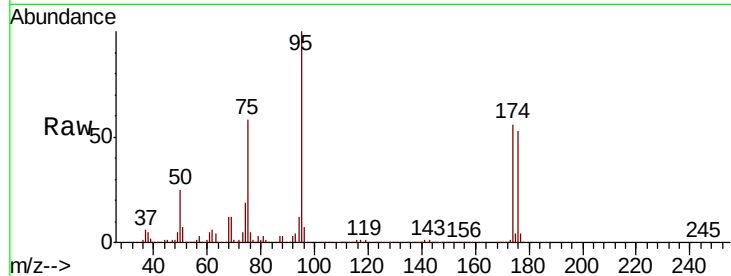
119 34.0 46.1 69.1#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.312 ppbv
 RT: 14.37 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 4 Mar 2022 16:29

Tot Ion: 95 Resp: 1474170
 Ion Ratio Lower Upper
 95 100
 174 62.0 49.0 73.4
 175 4.7 3.6 5.4



#80
 Naphthalene, 2-methyl-
 Concen: 0.031 ppbv
 RT: 25.02 min Scan# 6914
 Delta R.T. 0.07 min
 Lab File: VL038536.D
 Acq: 4 Mar 2022 16:29

Tgt Ion: 142 Resp: 734
 Ion Ratio Lower Upper
 142 100
 141 45.8 69.8 104.6#
 115 5.2 33.0 49.6#

