

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL060822\
 Data File : VL039232.D
 Acq On : 8 Jun 2022 13:03
 Operator : SY/AP
 Sample : VL0608ABL01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0608ABL01

Quant Time: Jun 09 06:38:16 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL053122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 01 01:22:18 2022
 QLast Update : Wed Jun 01 01:22:18 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1326282	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3324877	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2735183	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2147108	9.50	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.00%

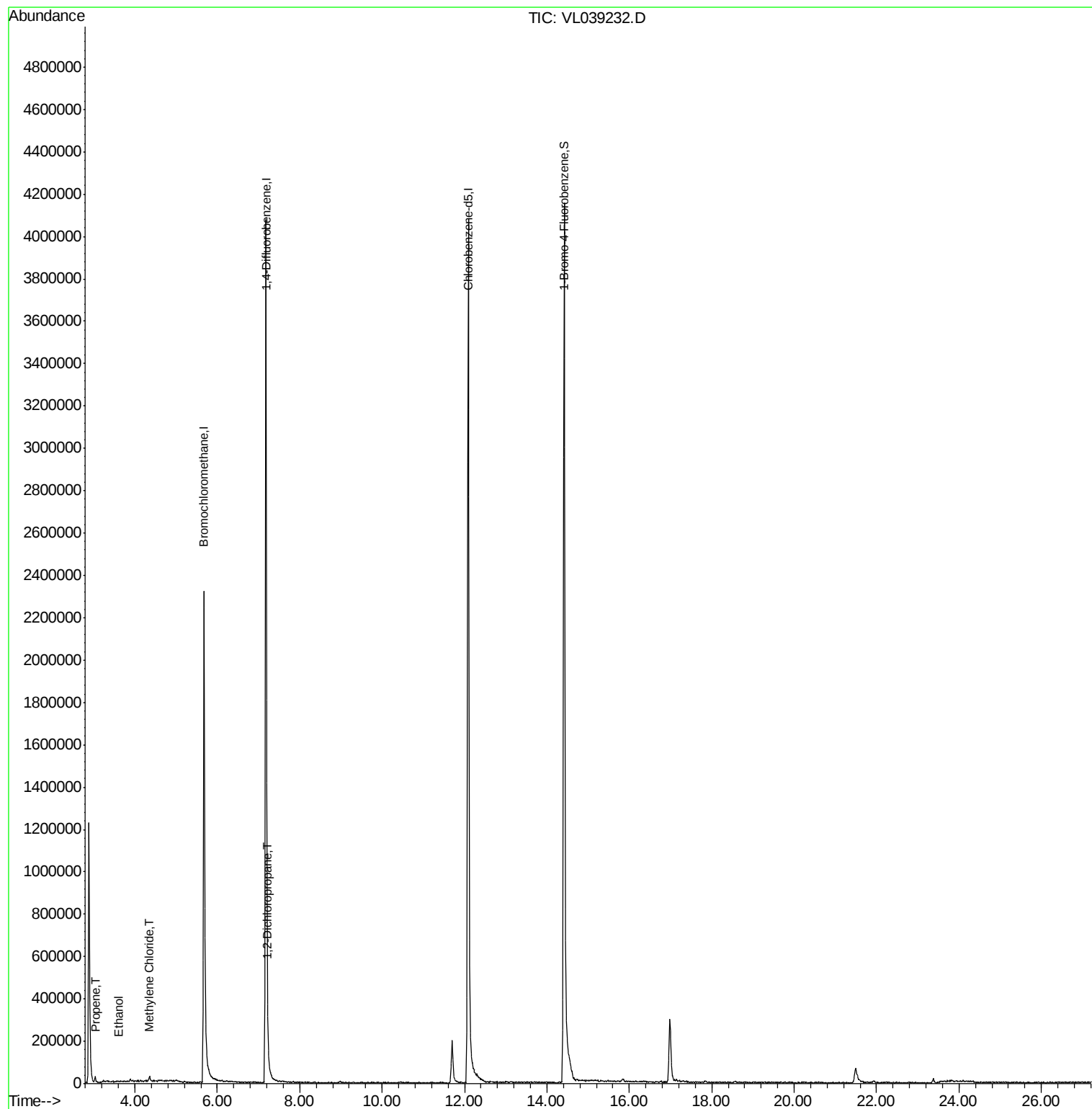
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.03	41	4791	0.065	ppbv #	58
13) Ethanol	3.61	45	155	0.039	ppbv #	100
20) Methylene Chloride	4.36	84	3291	0.057	ppbv #	14
39) 1,2-Dichloropropane	7.23	63	14911	0.139	ppbv #	24

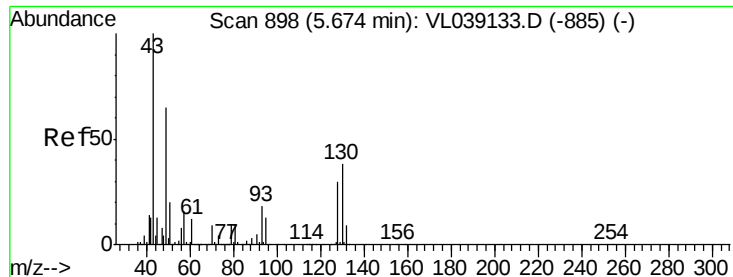
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 Instrument: MSVOA_1

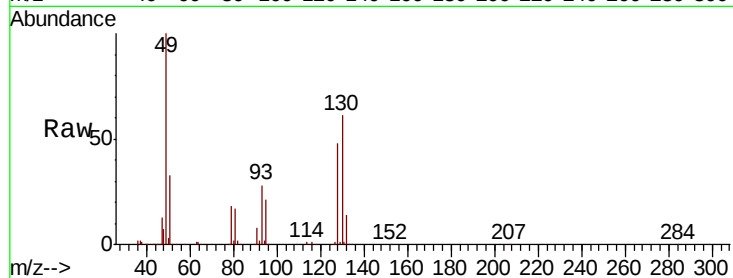
Delta R.T. 0.01

Lab File: ClientSampleId: VL0608ABL01

Acq: 8 Jun 2022 13:03

Tot Ion: 49 Resp: 1326282

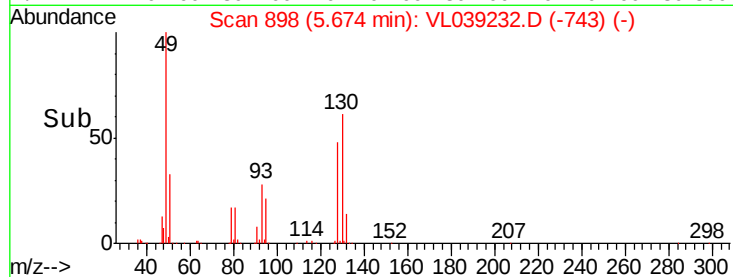
Ion	Ratio	Lower	Upper
49	100		
128	49.9	24.7	74.1
130	64.9	31.4	94.0



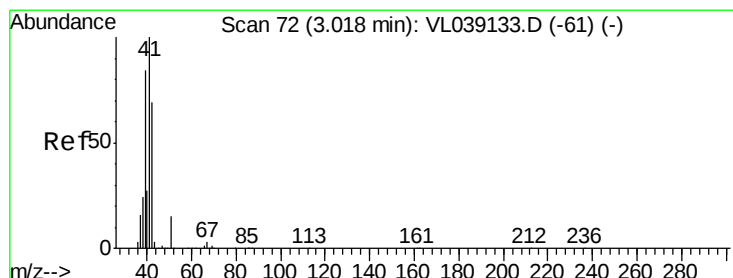
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



Time-->



#9

Propene

Concen: 0.065 ppbv

RT: 3.03 min Scan# 75

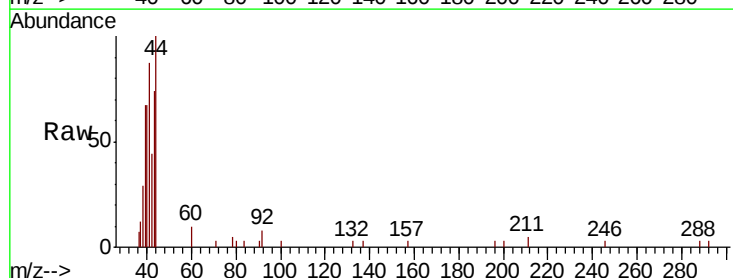
Delta R.T. 0.01 min

Lab File: VL039232.D

Acq: 8 Jun 2022 13:03

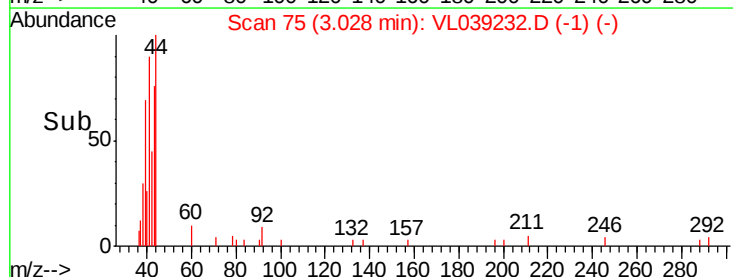
Tgt Ion: 41 Resp: 4791

Ion	Ratio	Lower	Upper
41	100		
42	103.7	55.4	83.2

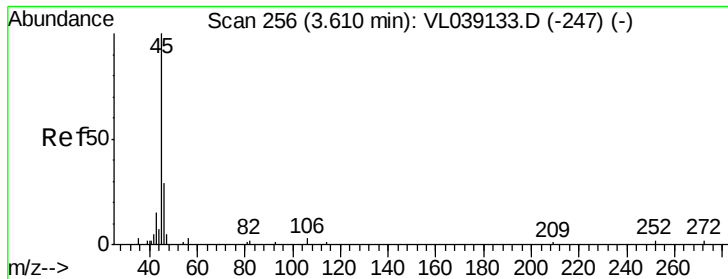


Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

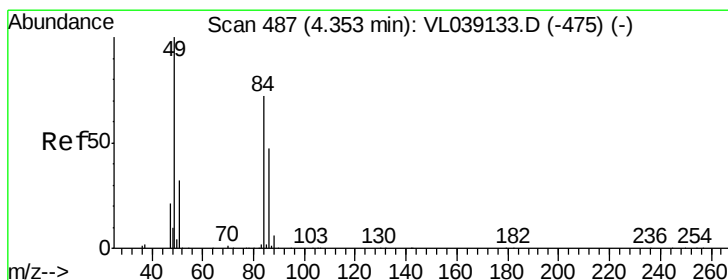
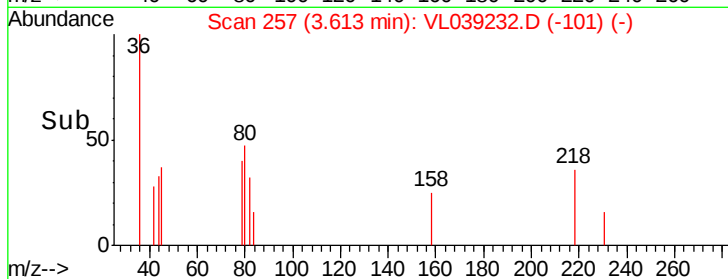
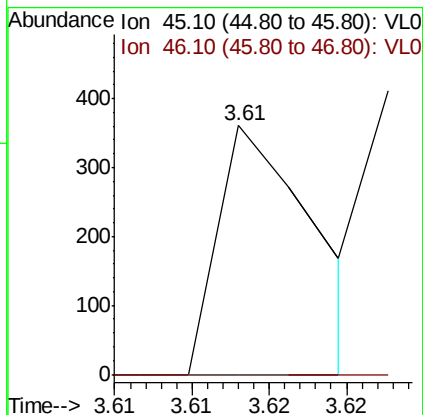
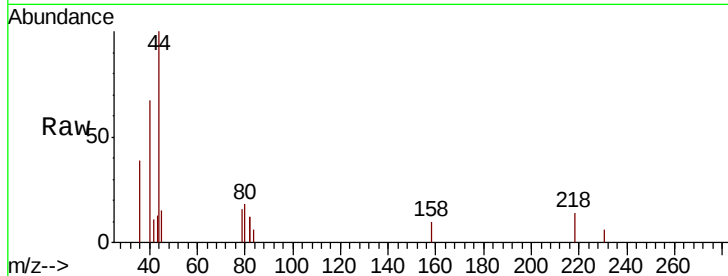


Time-->



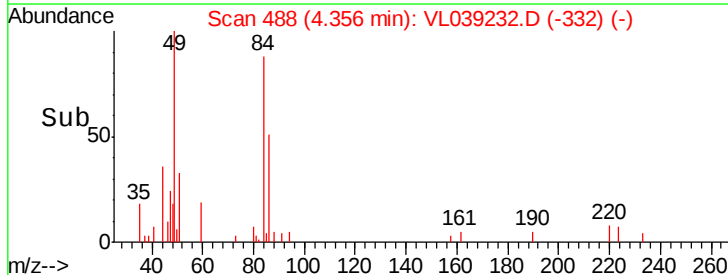
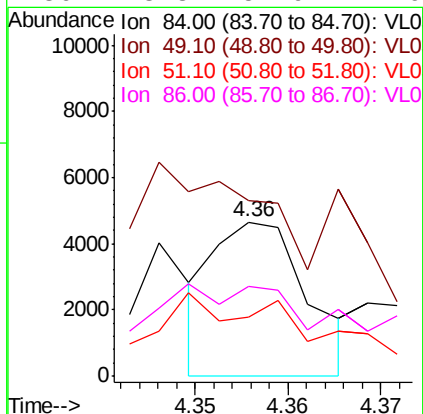
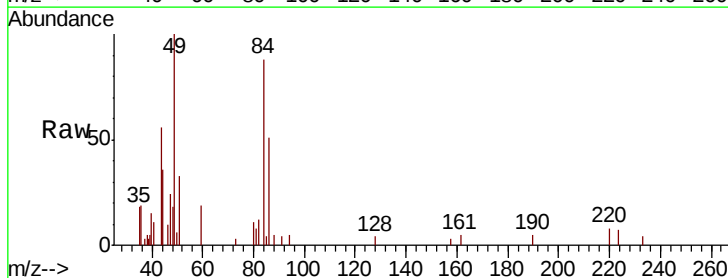
#13
Ethanol
Concen: 0.039 ppbv
RT: 3.61
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VL0608ABL01
Acq: 8 Jun 2022 13:03

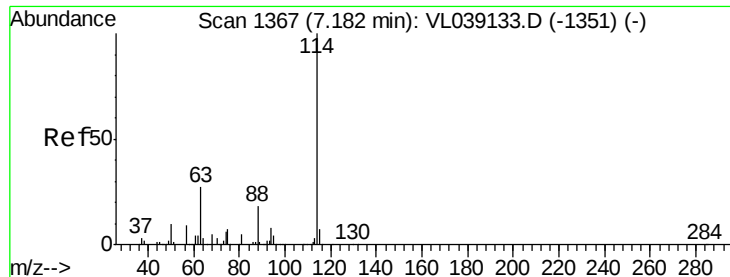
Tot Ion: 45 Resp: 155
Ion Ratio Lower Upper
45 100
46 0.0 0.0 0.0



#20
Methylene Chloride
Concen: 0.057 ppbv
RT: 4.36 min Scan# 488
Delta R.T. 0.00 min
Lab File: VL039232.D
Acq: 8 Jun 2022 13:03

Tgt Ion: 84 Resp: 3291
Ion Ratio Lower Upper
84 100
49 0.0 111.1 166.7#
51 14.0 35.3 52.9#
86 23.3 51.9 77.9#

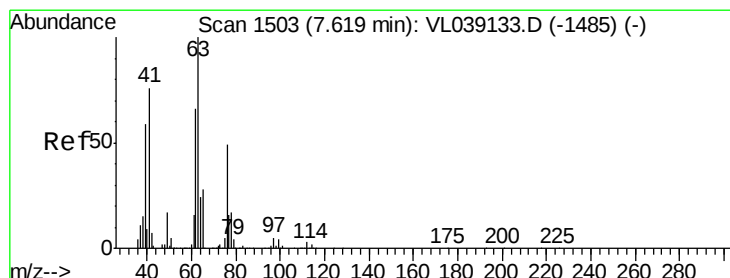
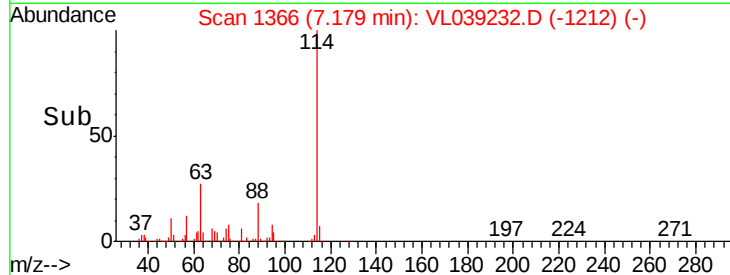
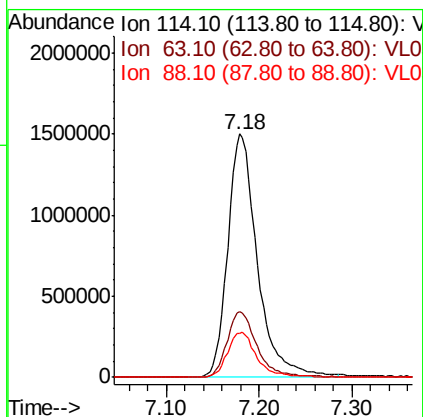
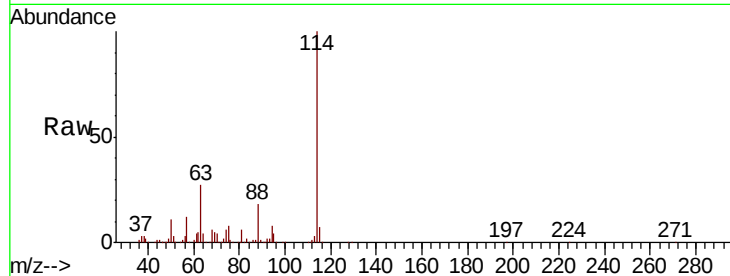




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min
 Delta R.T.: MSVOA_1
 Lab File: ClientSampleId : VL0608ABL01
 Acq: 8 Jun 2022 13:03

Tot Ion: 114 Resp: 3324877

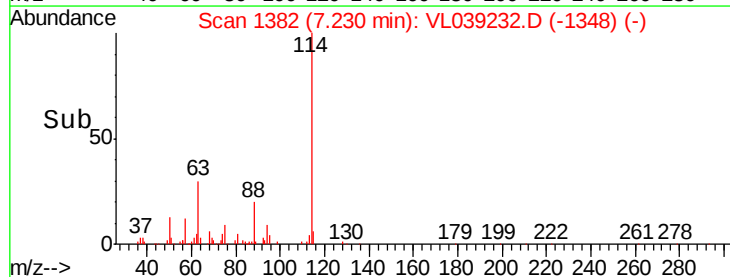
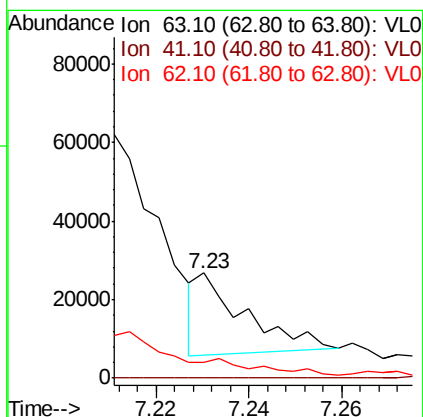
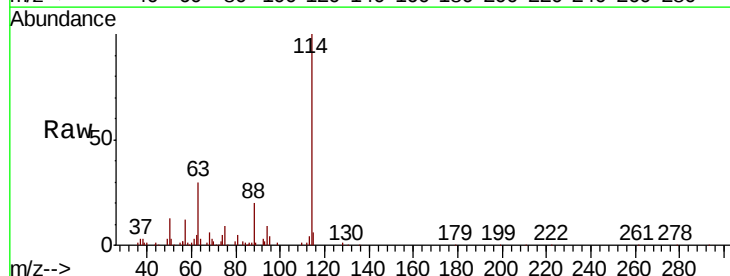
Ion	Ratio	Lower	Upper
114	100		
63	27.4	21.7	32.5
88	18.6	14.8	22.2

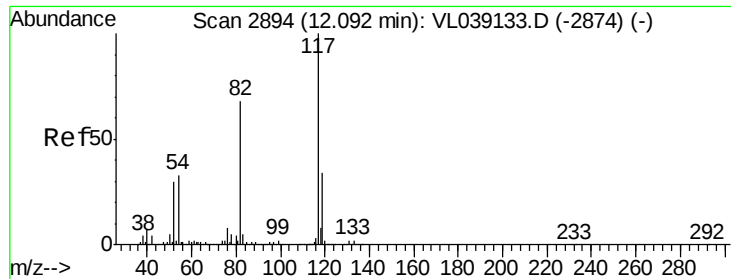


#39
 1,2-Dichloropropane
 Concen: 0.139 ppbv
 RT: 7.23 min Scan# 1382
 Delta R.T.: -0.39 min
 Lab File: VL039232.D
 Acq: 8 Jun 2022 13:03

Tgt Ion: 63 Resp: 14911

Ion	Ratio	Lower	Upper
63	100		
41	0.0	60.8	91.2#
62	17.8	52.9	79.3#





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.09 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 8 Jun 2022 13:03 VL0608ABL01

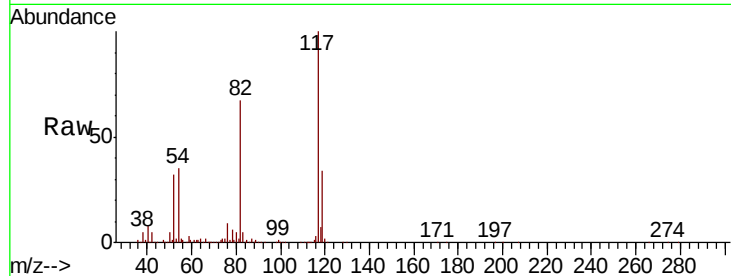
Tot Ion:117 Resp: 2735183

Ion Ratio Lower Upper

117 100

82 72.1 55.1 82.7

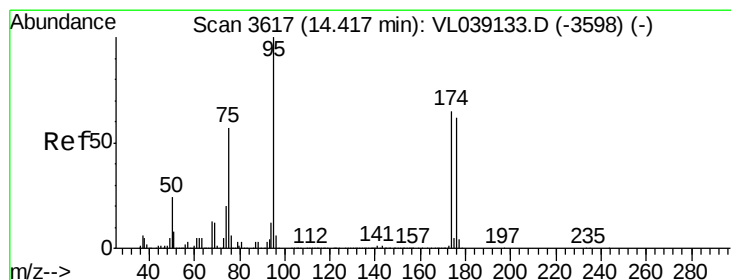
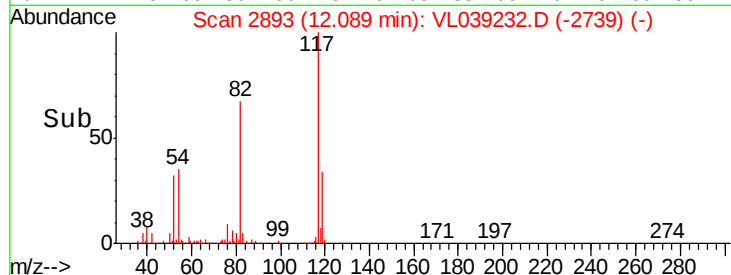
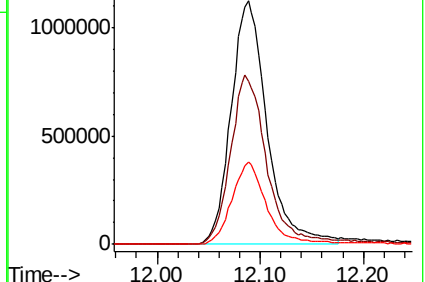
119 33.4 24.7 37.1



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



#68

1-Bromo-4-Fluorobenzene

Concen: 9.495 ppbv

RT: 14.42 min Scan# 3618

Delta R.T. 0.00 min

Lab File: VL039232.D

Acq: 8 Jun 2022 13:03

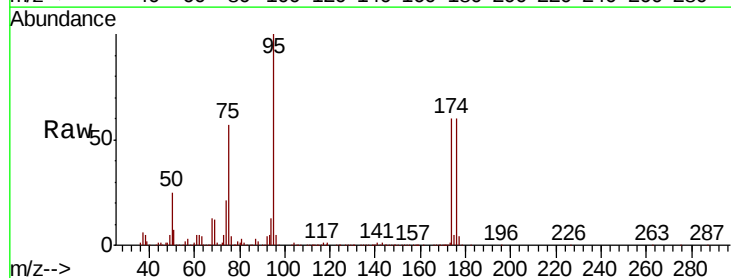
Tgt Ion: 95 Resp: 2147108

Ion Ratio Lower Upper

95 100

174 67.0 53.8 80.8

175 4.6 4.1 6.1



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

