

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062222\
 Data File : VL039330.D
 Acq On : 22 Jun 2022 21:31
 Operator : SY/AP
 Sample : QC062122 CAN 10158
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC062122 CAN 10158

Quant Time: Jun 23 07:29:02 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	5.66	49	1075317	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3045293	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	2640421	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2030986	9.30	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.00%

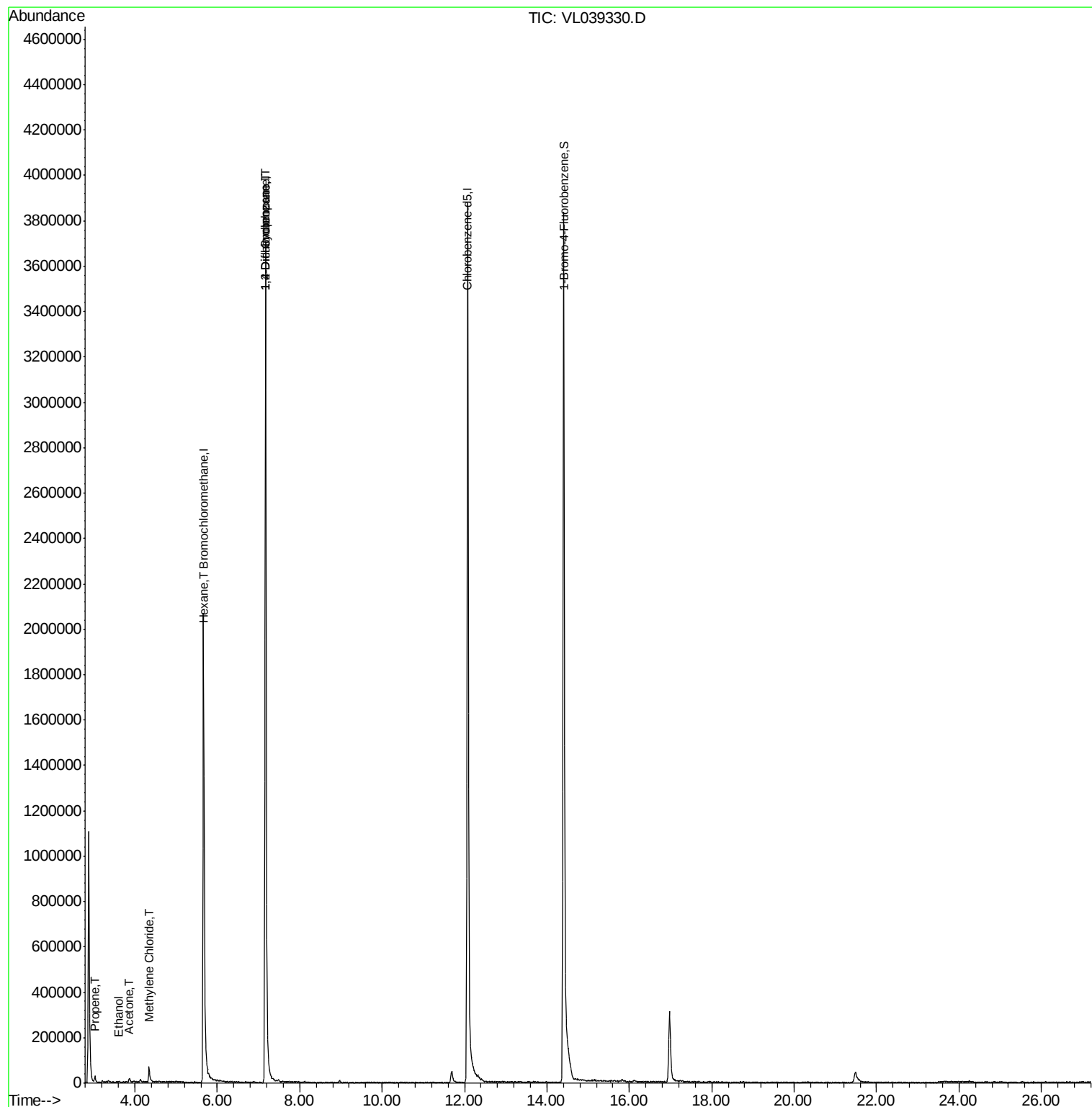
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.02	41	3058	0.051	ppbv #	15
13) Ethanol	3.60	45	717	0.220	ppbv #	100
15) Acetone	3.86	43	11197	0.100	ppbv #	40
20) Methylene Chloride	4.34	84	23664	0.501	ppbv	96
26) Hexane	5.68	57	5981	0.054	ppbv #	1
30) Cyclohexane	7.16	84	4053	0.043	ppbv #	1
39) 1,2-Dichloropropane	7.17	63	750791	7.635	ppbv #	24

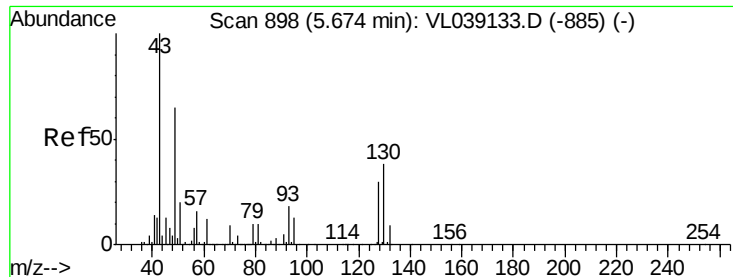
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL062222\
Data File : VL039330.D
Acq On : 22 Jun 2022 21:31
Operator : SY/AP
Sample : OC062122 CAN 10158
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC062122 CAN 10158

Quant Time: Jun 23 07:29:02 2022
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL053122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun 01 01:22:18 2022
QLast Update : Wed Jun 01 01:22:18 2022
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId : QC062122 CAN 10158

Acq: 22 Jun 2022 21:31

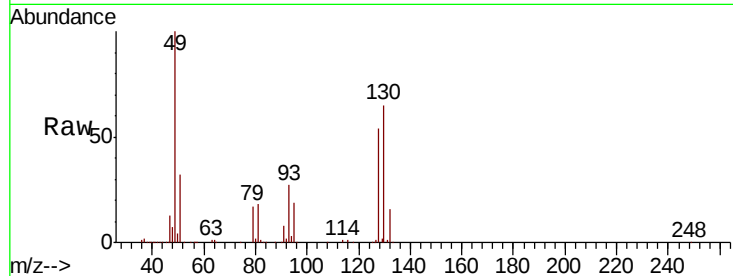
Tot Ion: 49 Resp: 1075317

Ion Ratio Lower Upper

49 100

128 55.7 24.7 74.1

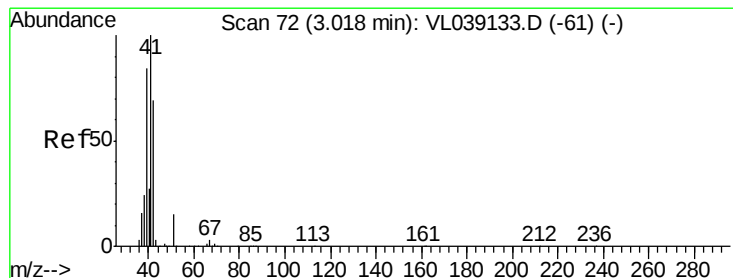
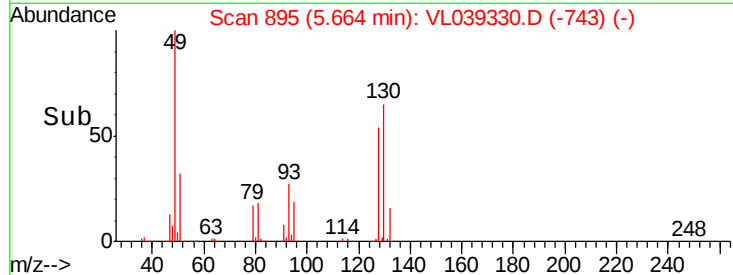
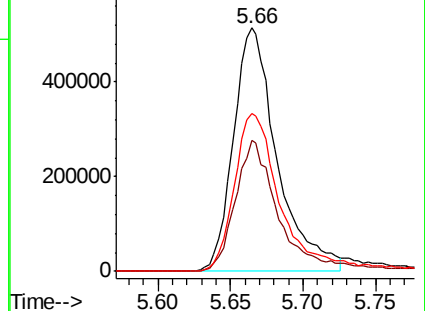
130 70.6 31.4 94.0



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



#9

Propene

Concen: 0.051 ppbv

RT: 3.02 min Scan# 72

Delta R.T. -0.00 min

Lab File: VL039330.D

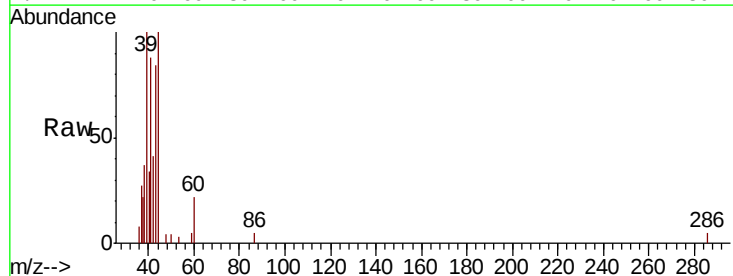
Acq: 22 Jun 2022 21:31

Tgt Ion: 41 Resp: 3058

Ion Ratio Lower Upper

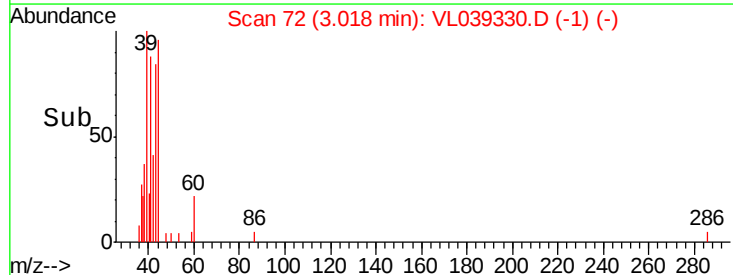
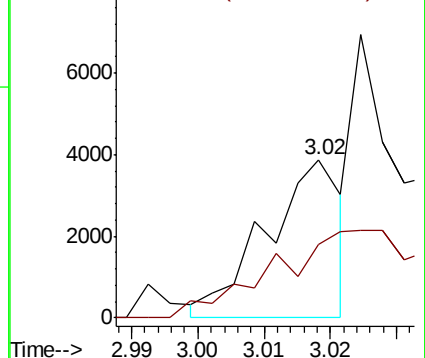
41 100

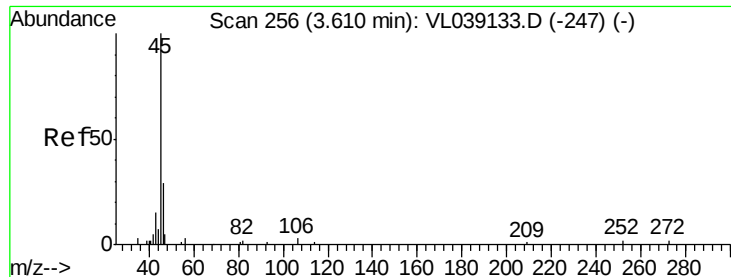
42 0.0 55.4 83.2#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





#13

Ethanol

Concen: 0.220 ppbv

RT: 3.60 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

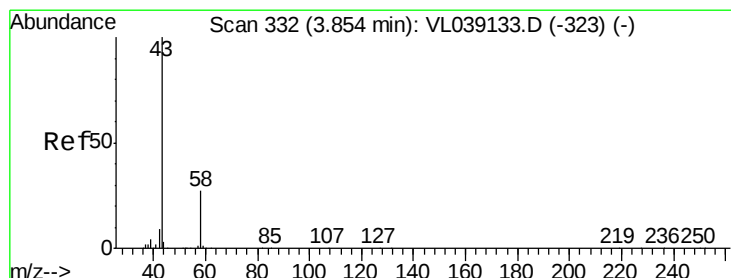
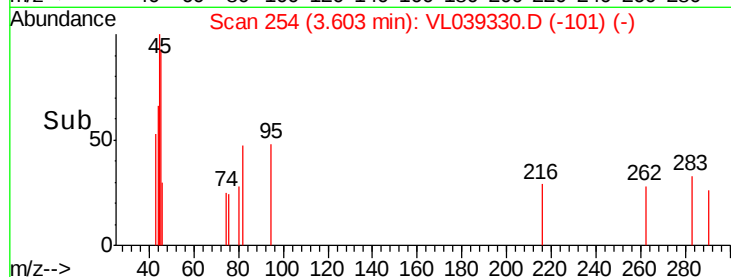
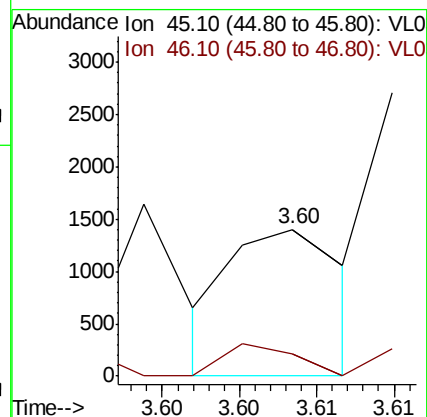
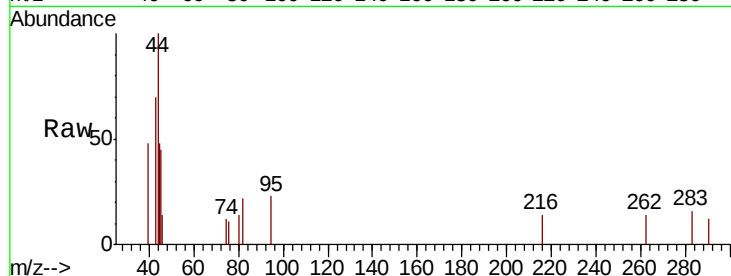
Acq: 22 Jun 2022 21:31 QC062122 CAN 10158

Tot Ion: 45 Resp: 717

Ion Ratio Lower Upper

45 100

46 0.0 0.0 0.0



#15

Acetone

Concen: 0.100 ppbv

RT: 3.86 min Scan# 333

Delta R.T. 0.00 min

Lab File: VL039330.D

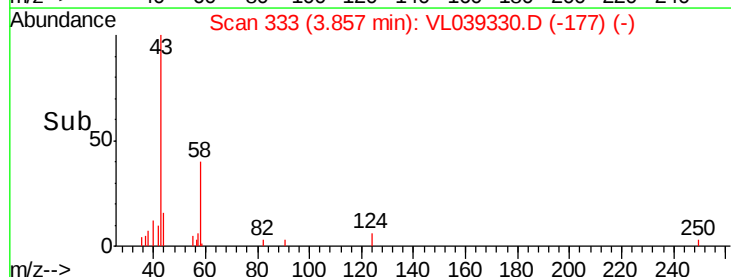
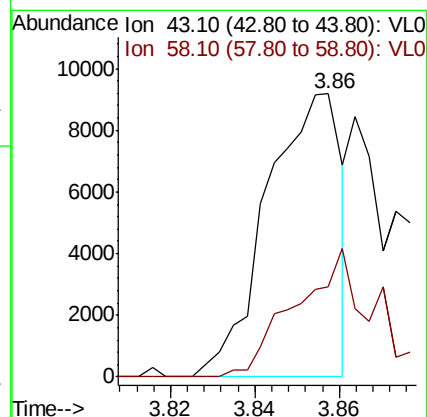
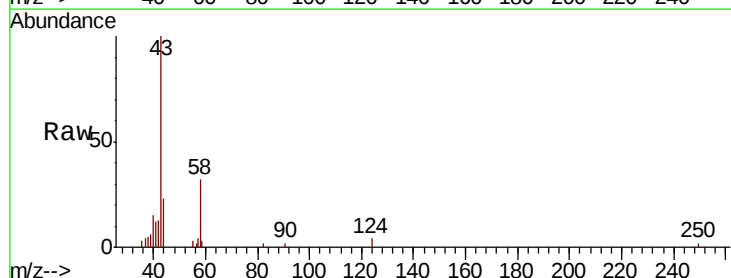
Acq: 22 Jun 2022 21:31

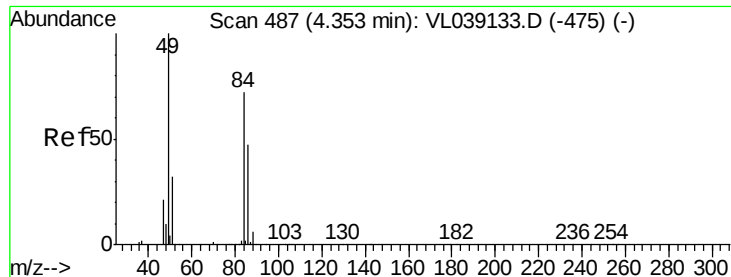
Tgt Ion: 43 Resp: 11197

Ion Ratio Lower Upper

43 100

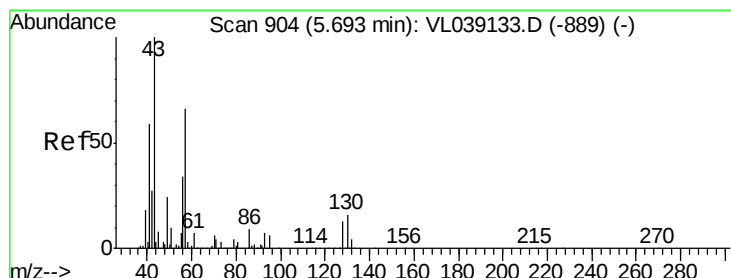
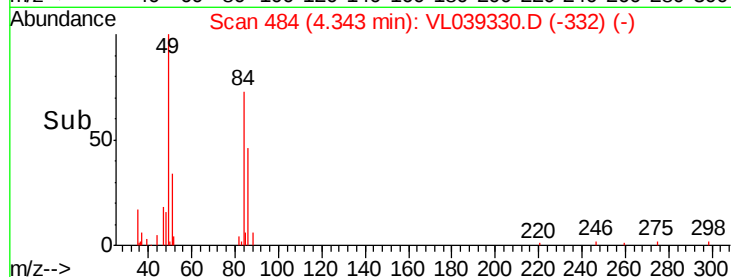
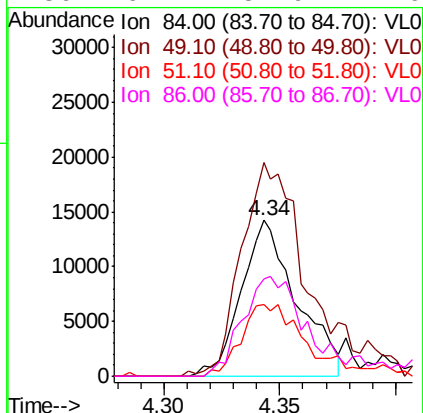
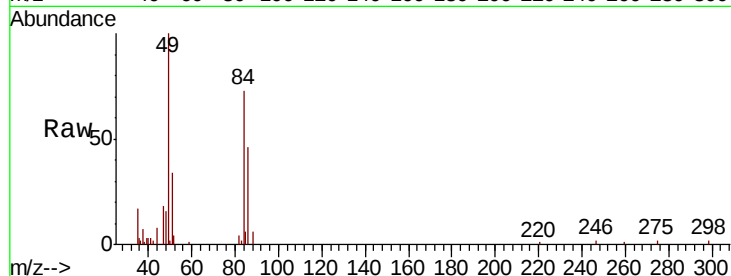
58 59.5 22.5 33.7#





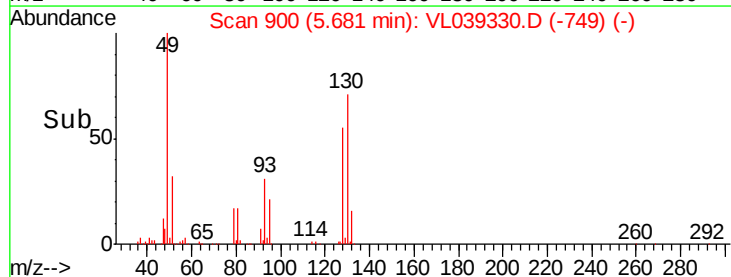
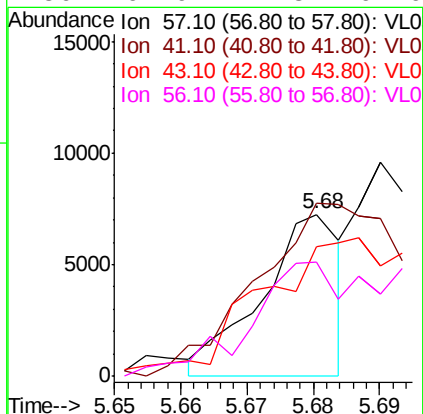
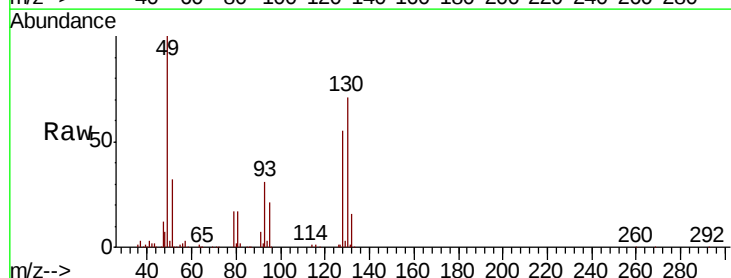
#20
Methylene Chloride
Concen: 0.501 ppbv
RT: 4.34
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 22 Jun 2022 21:31

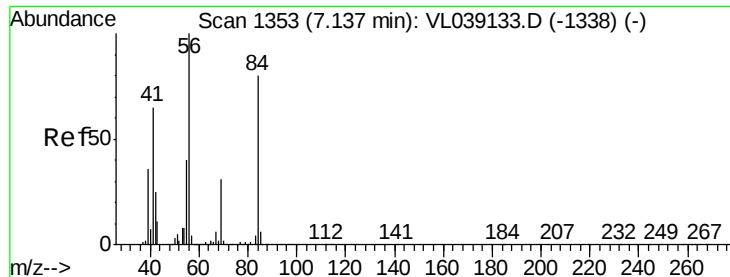
Tot Ion: 84 Resp: 23664
Ion Ratio Lower Upper
84 100
49 133.9 111.1 166.7
51 46.1 35.3 52.9
86 62.7 51.9 77.9



#26
Hexane
Concen: 0.054 ppbv
RT: 5.68 min Scan# 900
Delta R.T. -0.01 min
Lab File: VL039330.D
Acq: 22 Jun 2022 21:31

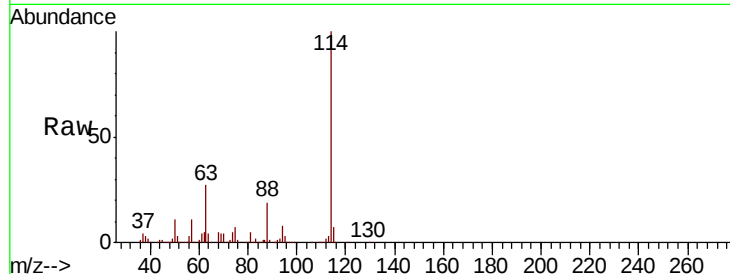
Tgt Ion: 57 Resp: 5981
Ion Ratio Lower Upper
57 100
41 295.2 72.4 108.6#
43 0.0 187.0 280.6#
56 167.9 41.8 62.6#



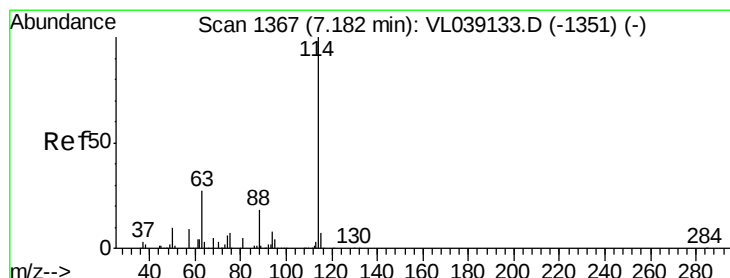
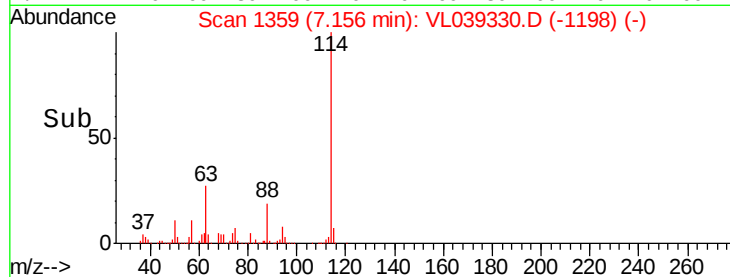
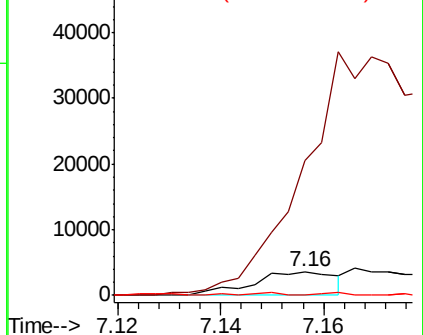


#30
Cvclohexane
Concen: 0.043 ppbv
RT: 7.16
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
OC062122 CAN 10158
Acq: 22 Jun 2022 21:31

Tot Ion: 84 Resp: 4053
Ion Ratio Lower Upper
84 100
56 0.0 110.6 165.8#
41 13.3 68.9 103.3#

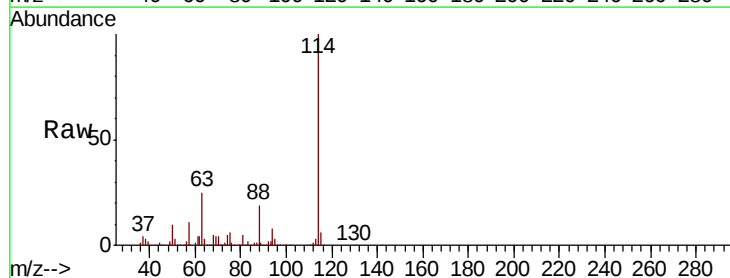


Abundance Ion 84.20 (83.90 to 84.90): VL0
Ion 56.10 (55.80 to 56.80): VL0
Ion 41.10 (40.80 to 41.80): VL0

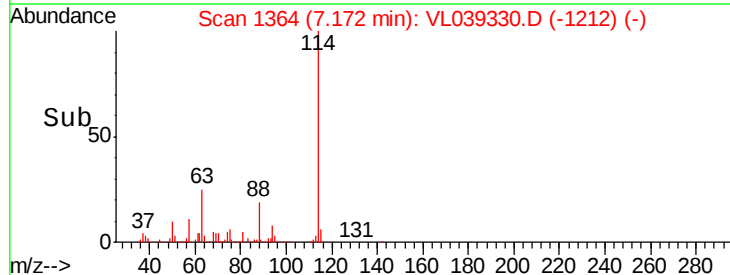
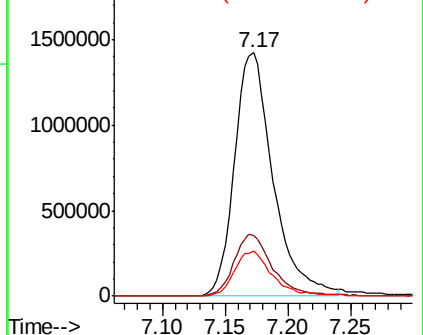


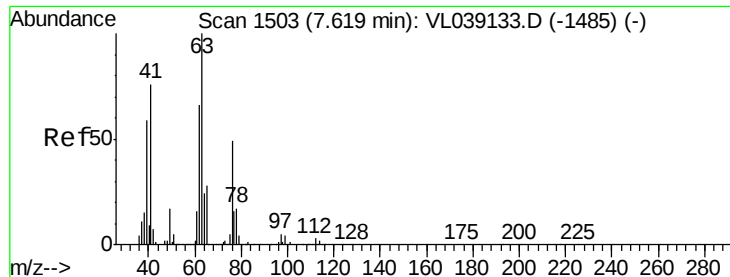
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1364
Delta R.T. -0.01 min
Lab File: VL039330.D
Acq: 22 Jun 2022 21:31

Tgt Ion: 114 Resp: 3045293
Ion Ratio Lower Upper
114 100
63 25.4 21.7 32.5
88 18.4 14.8 22.2



Abundance Ion 114.10 (113.80 to 114.80): V
Ion 63.10 (62.80 to 63.80): VL0
Ion 88.10 (87.80 to 88.80): VL0





#39

1,2-Dichloropropane

Concen: 7.635 ppbv

RT: 7.17

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 22 Jun 2022 21:31

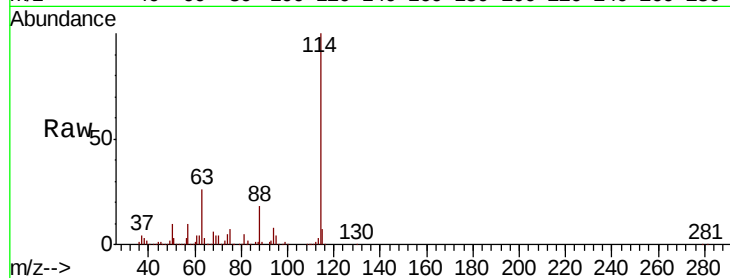
Tot Ion: 63 Resp: 750791

Ion Ratio Lower Upper

63 100

41 0.0 60.8 91.2#

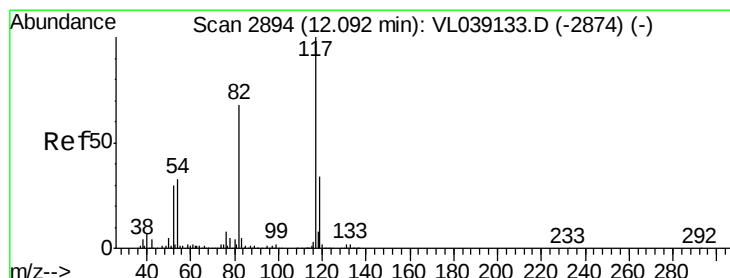
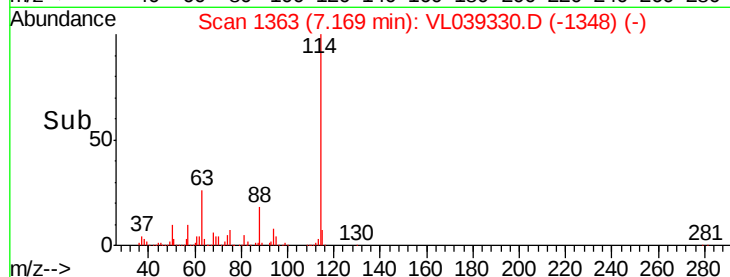
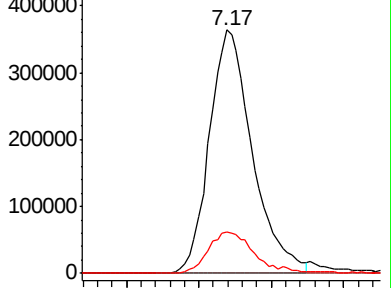
62 16.8 52.9 79.3#



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



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.08 min Scan# 2889

Delta R.T. -0.02 min

Lab File: VL039330.D

Acq: 22 Jun 2022 21:31

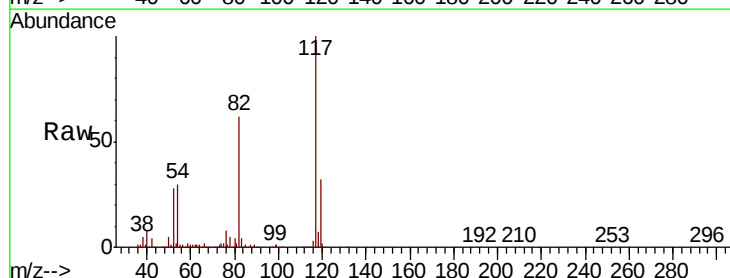
Tgt Ion: 117 Resp: 2640421

Ion Ratio Lower Upper

117 100

82 68.0 55.1 82.7

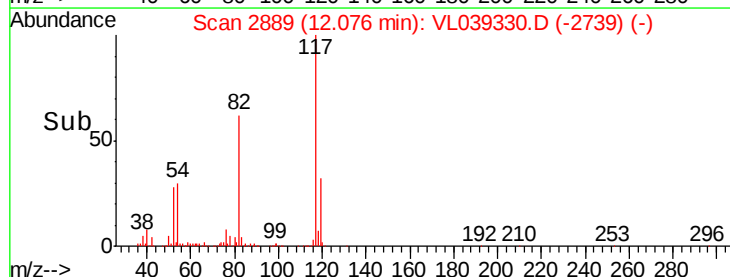
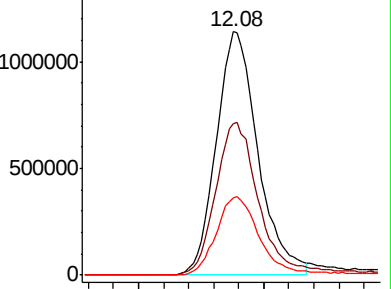
119 33.9 24.7 37.1

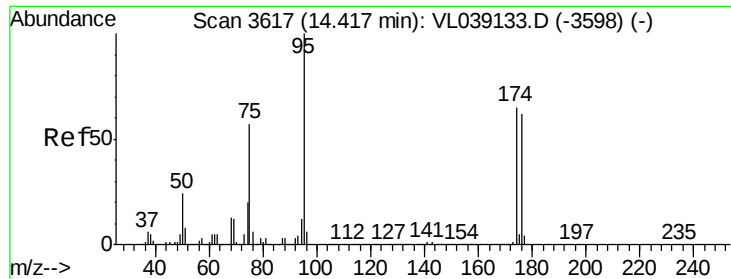


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 9.304 ppbv

RT: 14.40 Instrument:

Delta R.T MSVOA_L

Lab File: ClientSampleId:

Acq: 22 Jun 2022 21:51 QC062122 CAN 10158

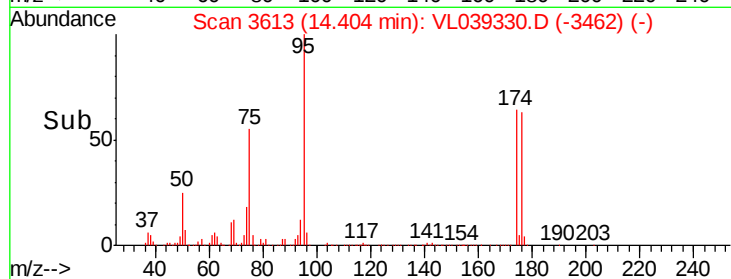
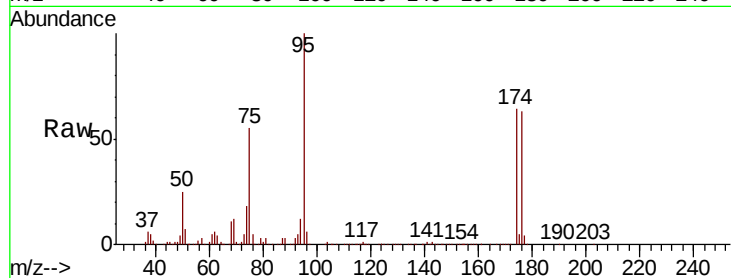
Tot Ion: 95 Resp: 2030986

Ion Ratio Lower Upper

95 100

174 71.4 53.8 80.8

175 5.6 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

