

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030122\
 Data File : VL038461.D
 Acq On : 1 Mar 2022 21:44
 Operator : SY/AP
 Sample : CAN 10763
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10763

Quant Time: Mar 02 03:07:44 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	5.67	49	837024	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.18	114	1904766	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.09	117	1633634	10.00	ppbv	0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	1245350	9.21	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	92.10%

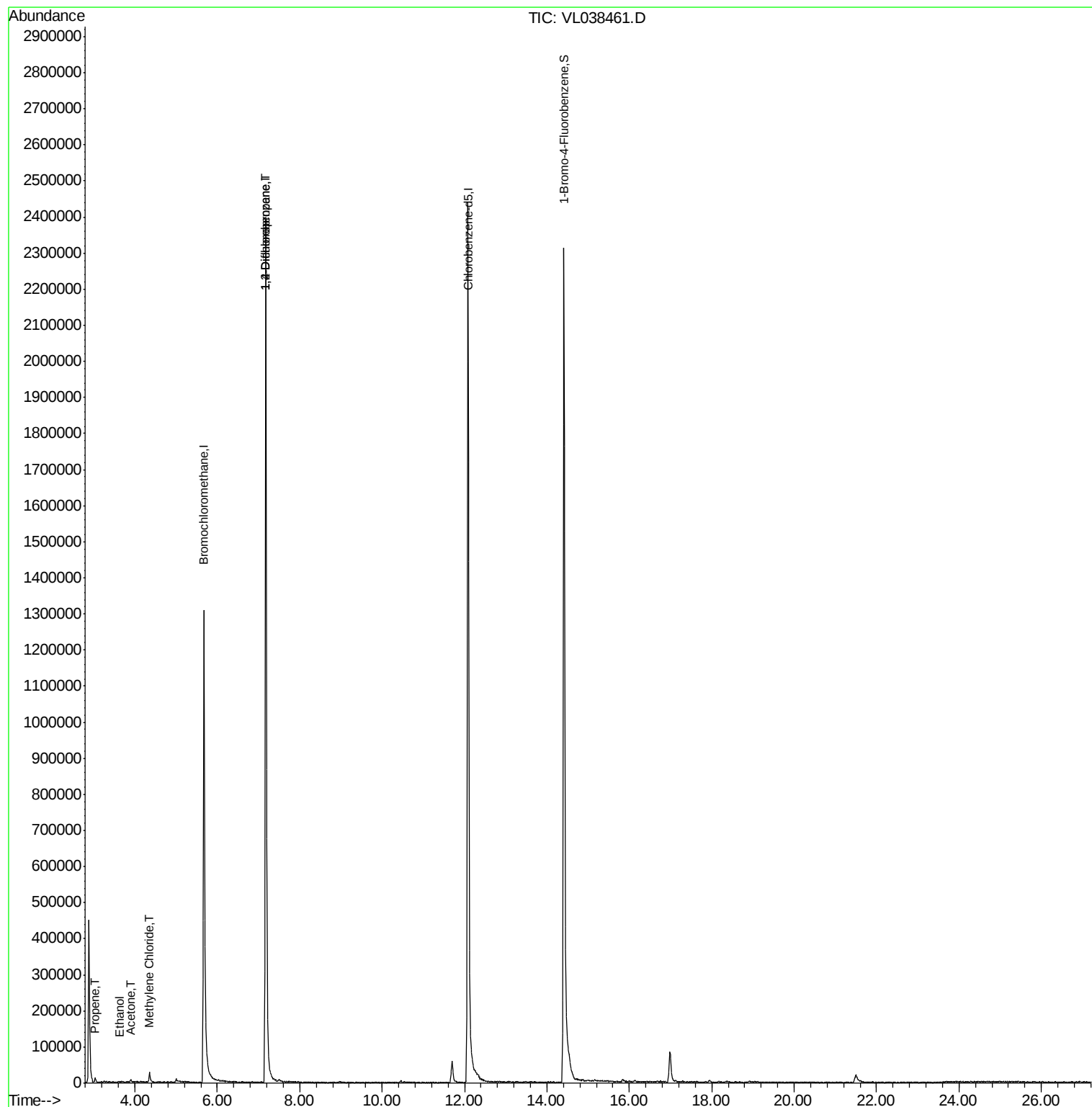
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	3.03	41	3350	0.07	ppbv	95
13) Ethanol	3.64	45	285	0.06	ppbv #	31
15) Acetone	3.89	43	3441	0.05	ppbv #	19
20) Methylene Chloride	4.35	84	4726	0.13	ppbv #	77
39) 1,2-Dichloropropane	7.17	63	526483	7.88	ppbv #	25

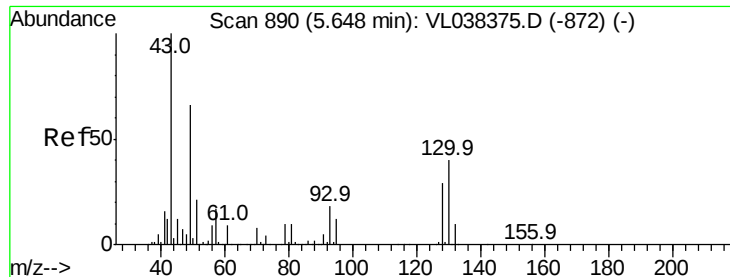
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL030122\
Data File : VL038461.D
Acq On : 1 Mar 2022 21:44
Operator : SY/AP
Sample : CAN 10763
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
CAN 10763

Quant Time: Mar 02 03:07:44 2022
Quant Method : Z:\V0ASRV\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





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.67 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 1 Mar 2022 21:44

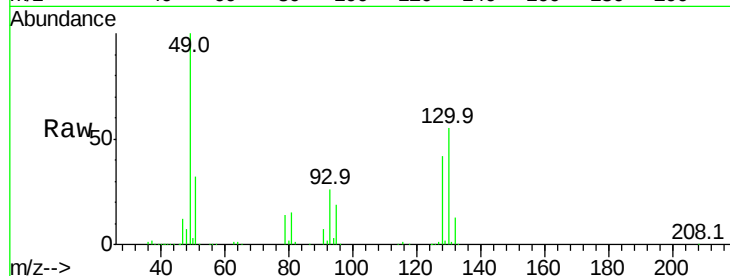
Tgt Ion: 49 Resp: 837024

Ion Ratio Lower Upper

49 100

128 44.4 24.3 72.9

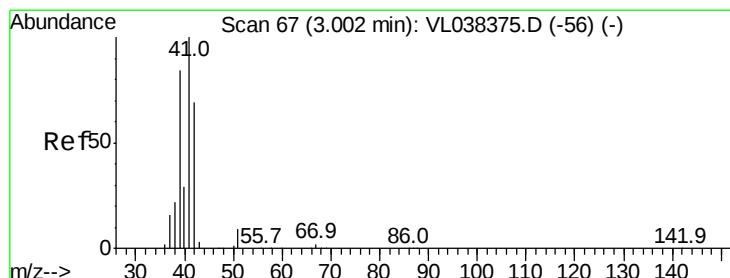
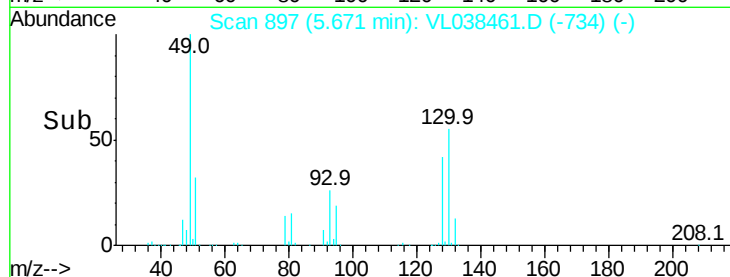
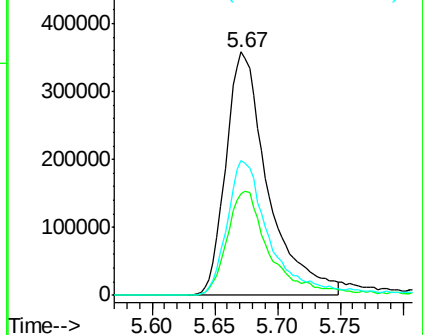
130 57.4 30.1 90.5



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



#9

Propene

Concen: 0.07 ppbv

RT: 3.03 min Scan# 76

Delta R.T. 0.03 min

Lab File: VL038461.D

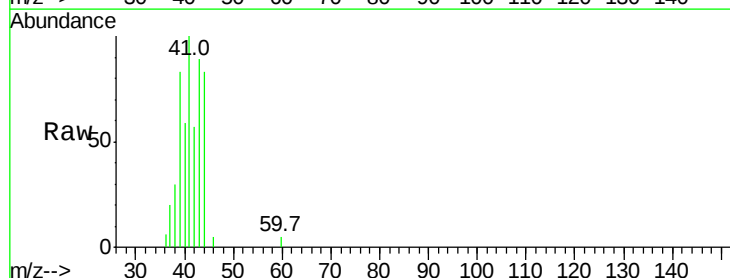
Acq: 1 Mar 2022 21:44

Tgt Ion: 41 Resp: 3350

Ion Ratio Lower Upper

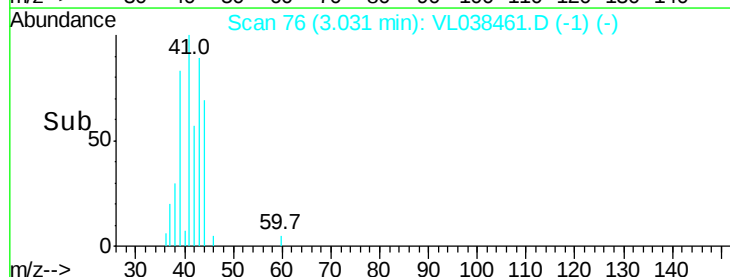
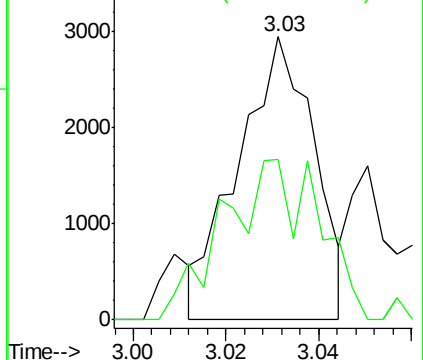
41 100

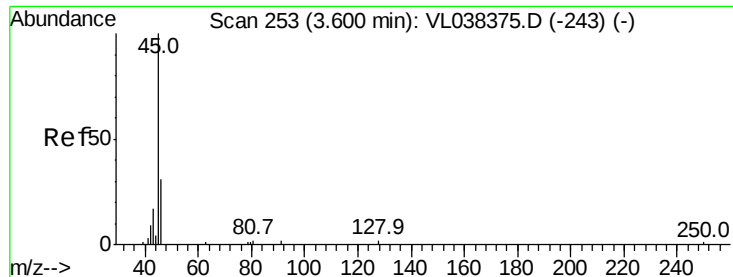
42 72.4 54.6 82.0



Abundance Ion 41.10 (40.80 to 41.80): VL0

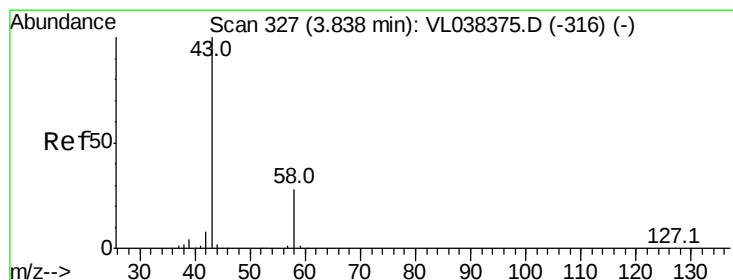
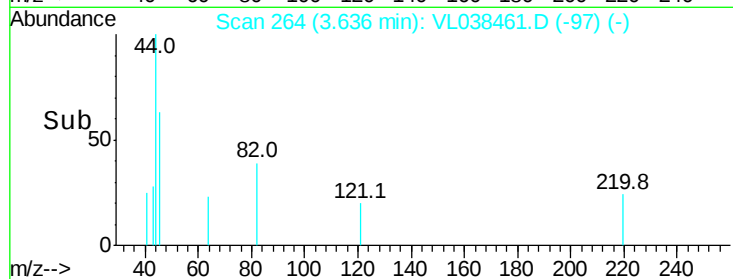
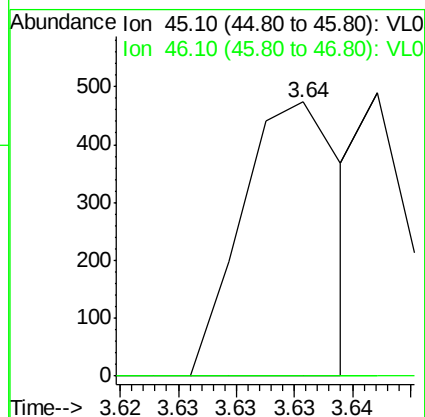
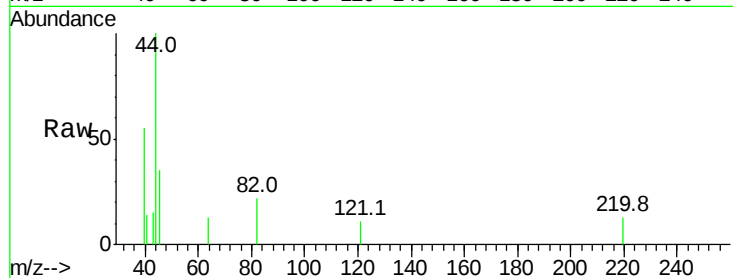
Ion 42.10 (41.80 to 42.80): VL0





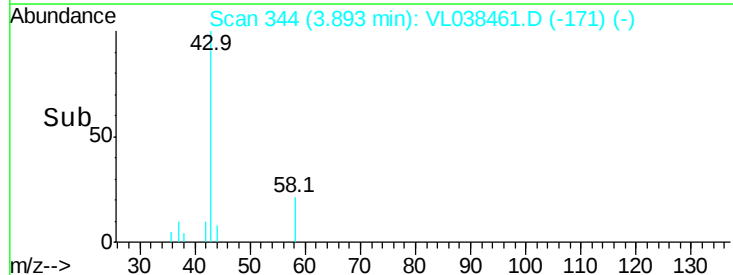
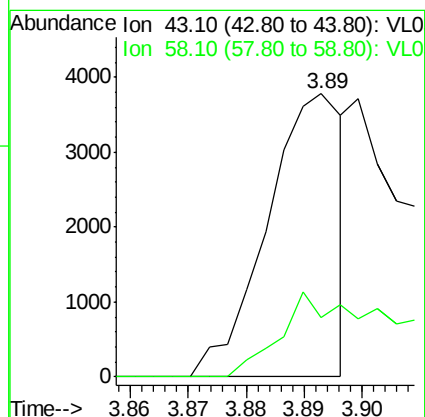
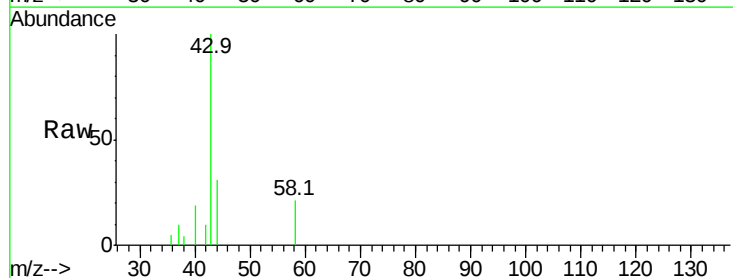
#13
Ethanol
Concen: 0.06 ppbv
RT: 3.64
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 1 Mar 2022 21:44

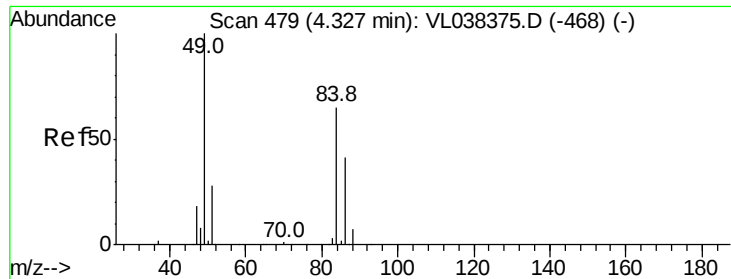
Tgt Ion: 45 Resp: 285
Ion Ratio Lower Upper
45 100
46 0.0 18.2 72.8#



#15
Acetone
Concen: 0.05 ppbv
RT: 3.89 min Scan# 344
Delta R.T. 0.05 min
Lab File: VL038461.D
Acq: 1 Mar 2022 21:44

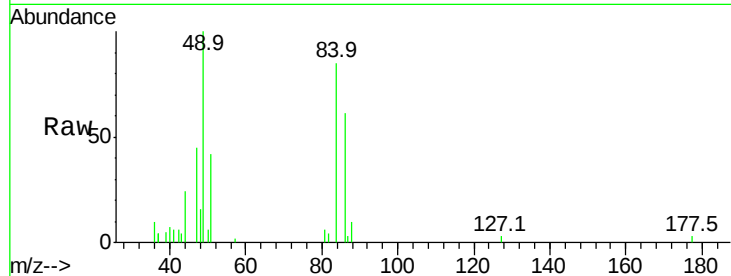
Tgt Ion: 43 Resp: 3441
Ion Ratio Lower Upper
43 100
58 69.0 21.7 32.5#



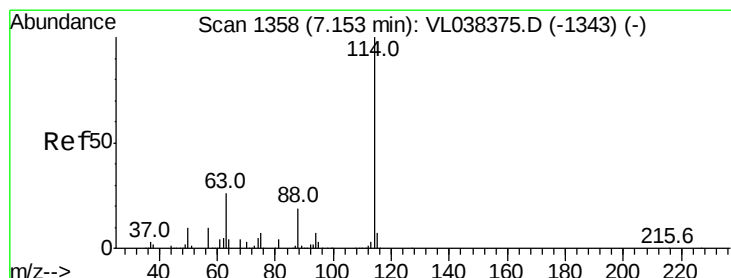
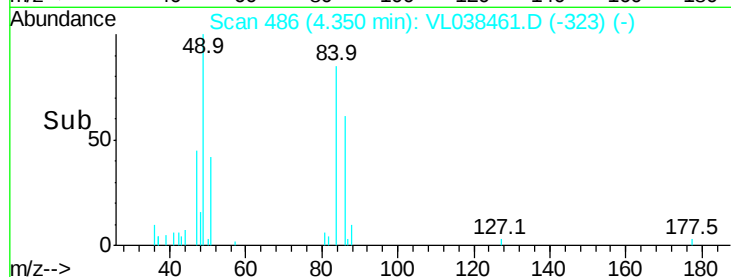
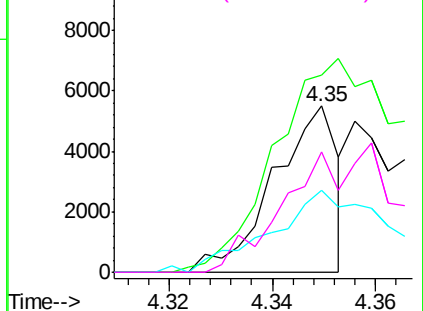


#20
Methylene Chloride
Concen: 0.13 ppbv
RT: 4.35
Delta R.T. MSVOA_1
Lab File: ClientSampleId :
CAN 10763
Acq: 1 Mar 2022 21:44

Tgt Ion: 84 Resp: 4726
Ion Ratio Lower Upper
84 100
49 115.3 122.4 183.6#
51 49.2 33.3 49.9
86 75.8 50.7 76.1

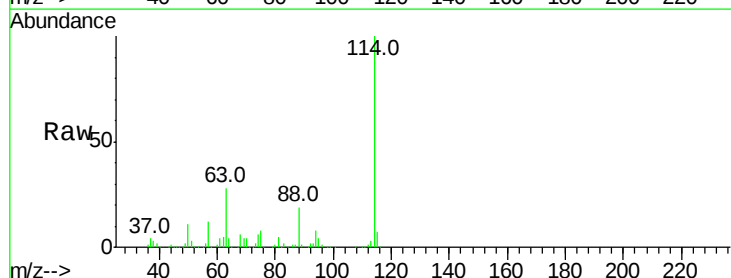


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

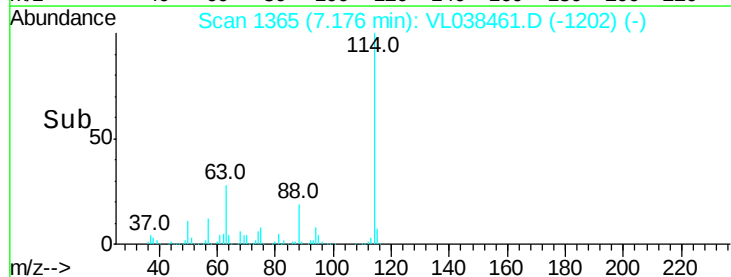
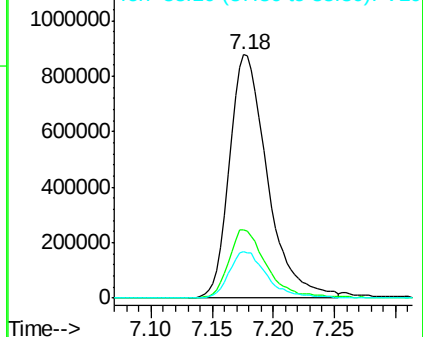


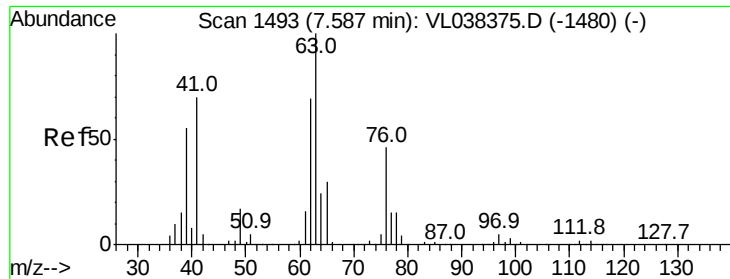
#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.18 min Scan# 1365
Delta R.T. 0.02 min
Lab File: VL038461.D
Acq: 1 Mar 2022 21:44

Tgt Ion: 114 Resp: 1904766
Ion Ratio Lower Upper
114 100
63 28.4 22.2 33.2
88 19.3 15.2 22.8



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: 7.88 ppbv

RT: 7.17

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 1 Mar 2022 21:44

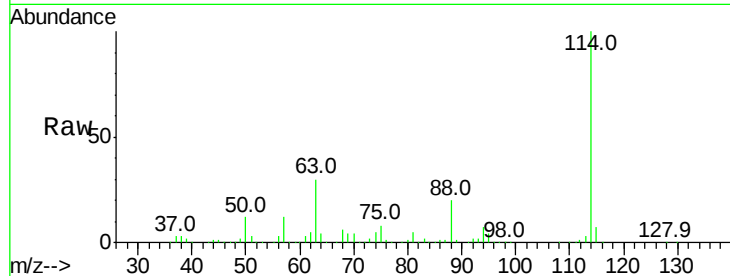
Tgt Ion: 63 Resp: 526483

Ion Ratio Lower Upper

63 100

41 0.0 56.1 84.1#

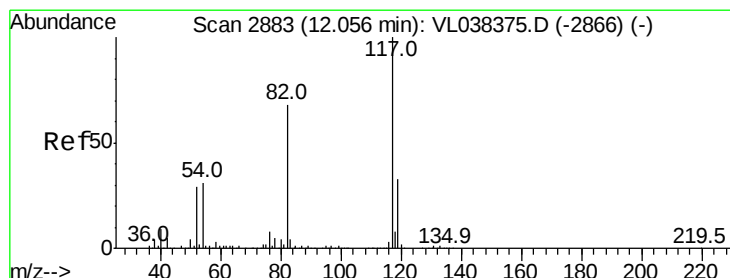
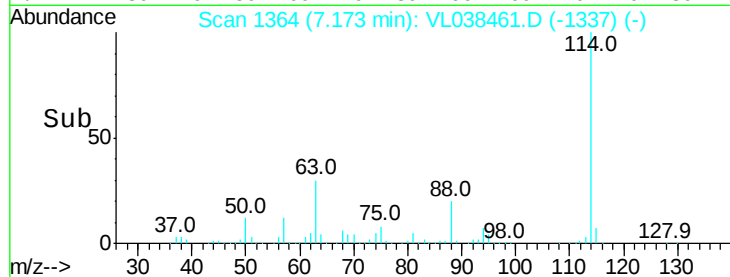
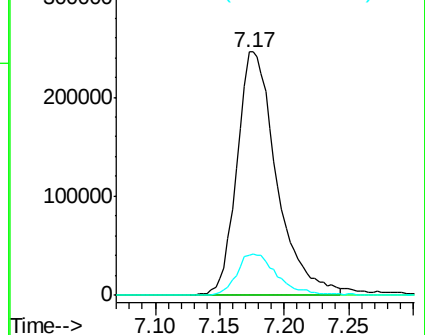
62 16.3 55.5 83.3#



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



#55

Chlorobenzene-d5

Concen: 10.00 ppbv

RT: 12.09 min Scan# 2892

Delta R.T. 0.03 min

Lab File: VL038461.D

Acq: 1 Mar 2022 21:44

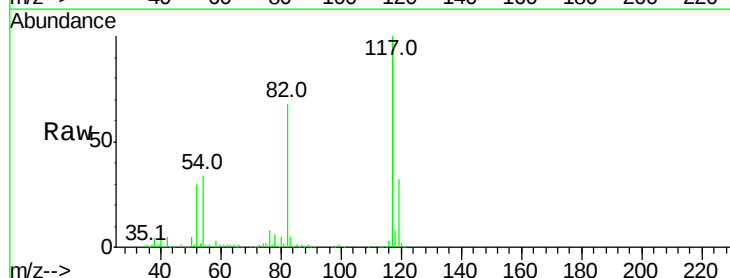
Tgt Ion: 117 Resp: 1633634

Ion Ratio Lower Upper

117 100

82 74.7 54.9 82.3

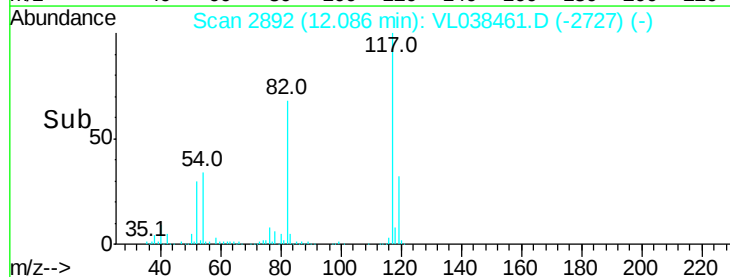
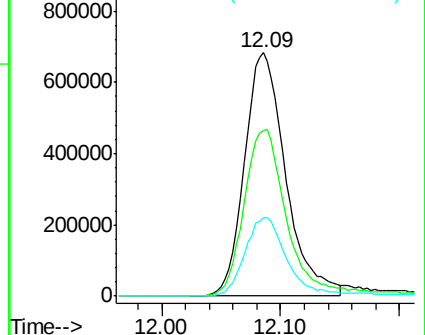
119 33.8 46.1 69.1#

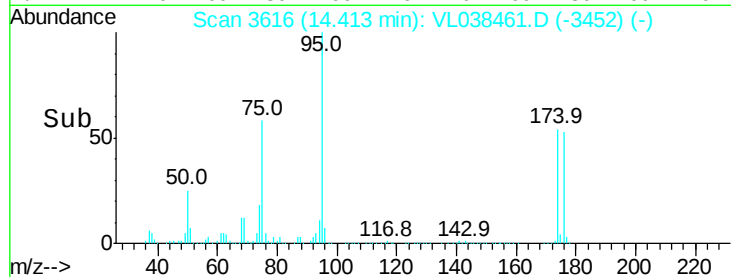
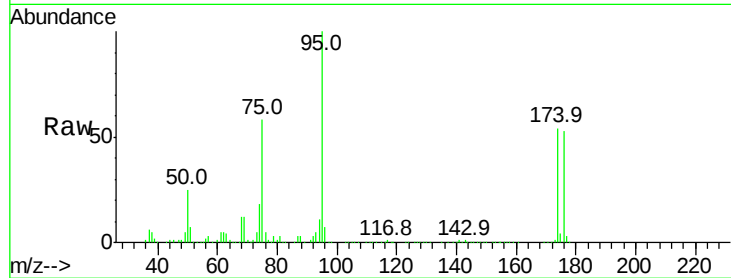
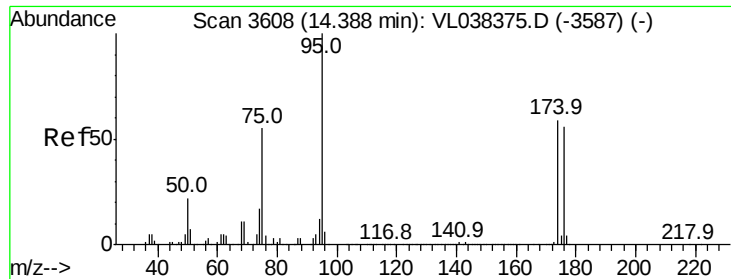


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 9.21 ppbv

RT: 14.41

Delta R.T: MSVOA_L

Lab File: ClientSampleId :

Acq: 1 Mar 2022 21:44

Tgt Ion: 95 Resp: 1245350

Ion Ratio Lower Upper

95 100

174 63.8 49.0 73.4

175 4.5 3.6 5.4

