

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030122\
 Data File : VL038448.D
 Acq On : 1 Mar 2022 12:58
 Operator : SY/AP
 Sample : QC022822 CAN 10158
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC022822 CAN 10158

Quant Time: Mar 02 03:03:39 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	5.66	49	837172	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.17	114	1914310	10.00	ppbv	0.01
55) Chlorobenzene-d5	12.07	117	1619694	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	1296405	9.67	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.70%

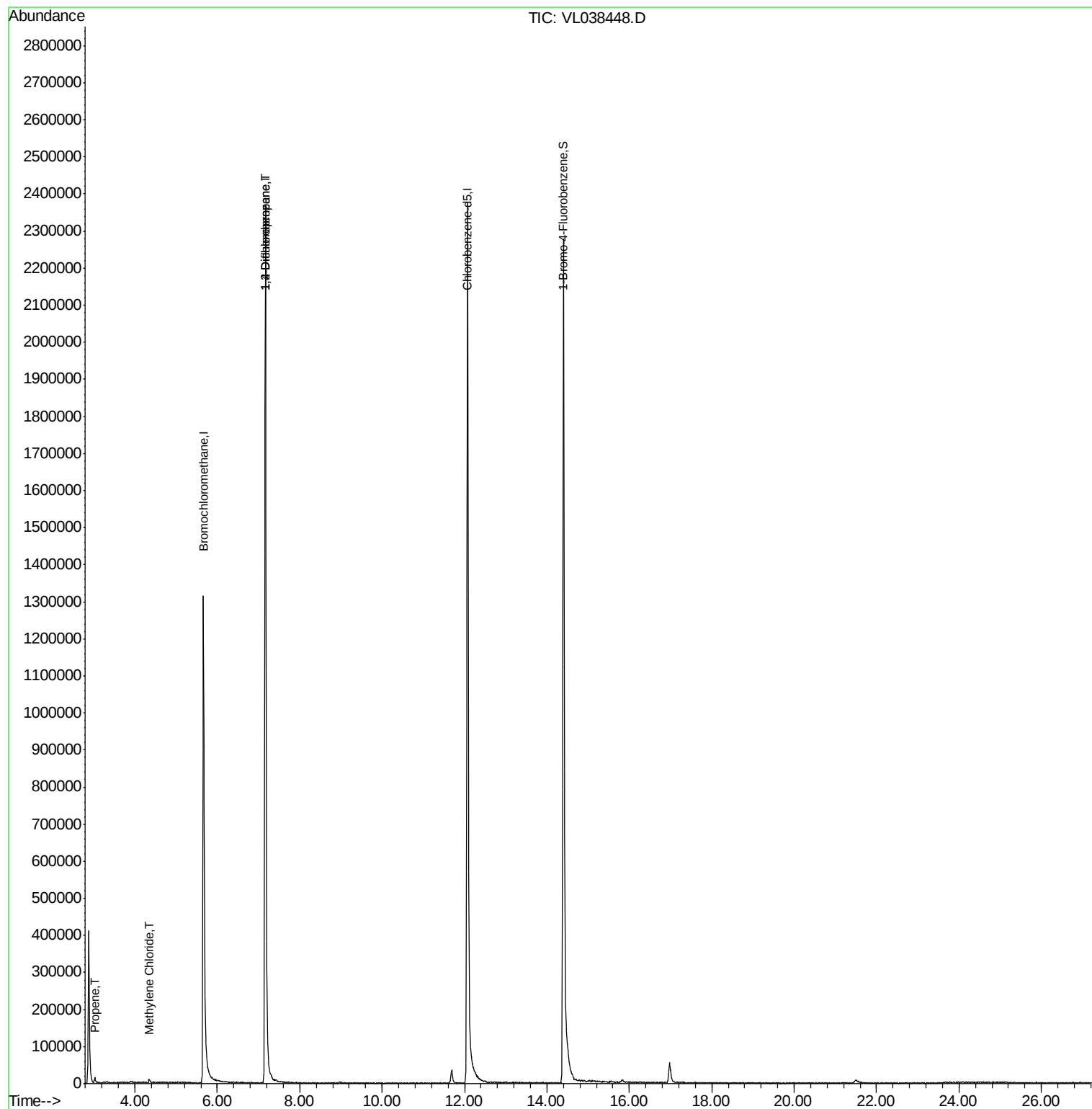
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	3.02	41	3379	0.07	ppbv	87
20) Methylene Chloride	4.34	84	1710	0.05	ppbv #	71
39) 1,2-Dichloropropane	7.17	63	522600	7.79	ppbv #	24

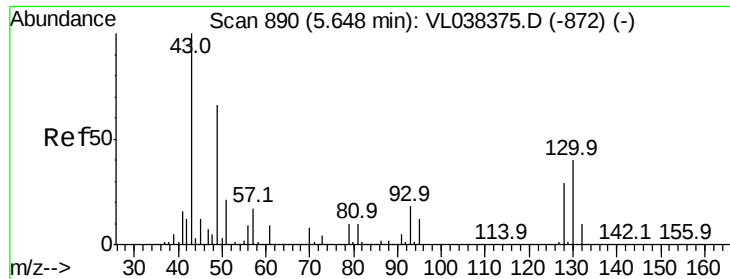
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.66 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 1 Mar 2022 12:58 QC022822 CAN 10158

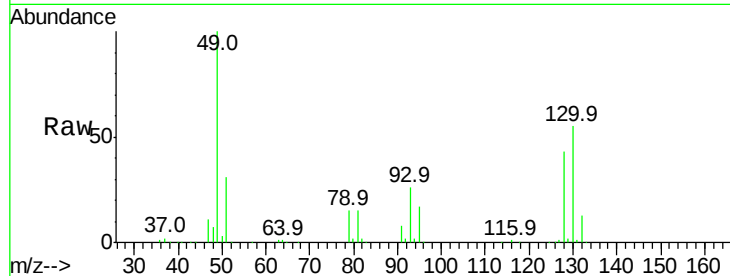
Tgt Ion: 49 Resp: 837172

Ion Ratio Lower Upper

49 100

128 45.6 24.3 72.9

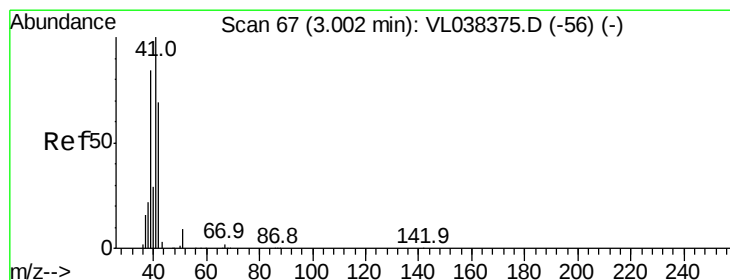
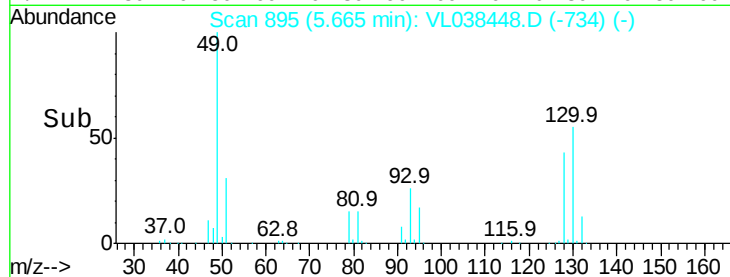
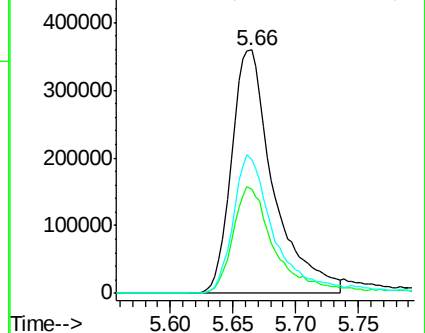
130 58.6 30.1 90.5



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



#9

Propene

Concen: 0.07 ppbv

RT: 3.02 min Scan# 74

Delta R.T. 0.02 min

Lab File: VL038448.D

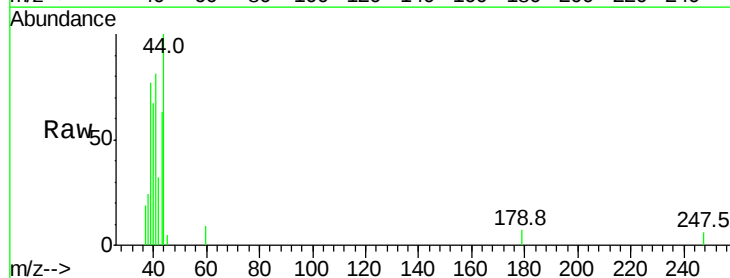
Acq: 1 Mar 2022 12:58

Tgt Ion: 41 Resp: 3379

Ion Ratio Lower Upper

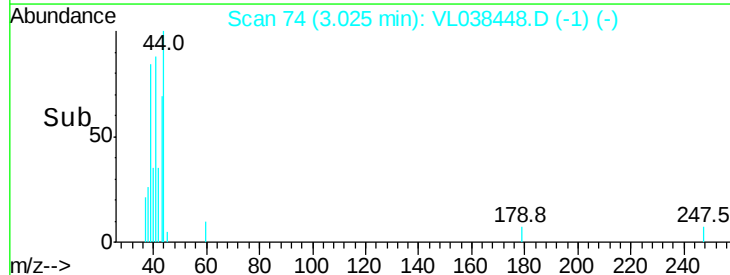
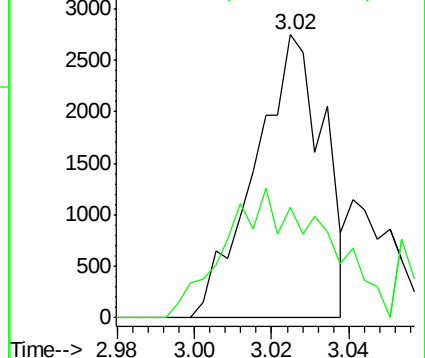
41 100

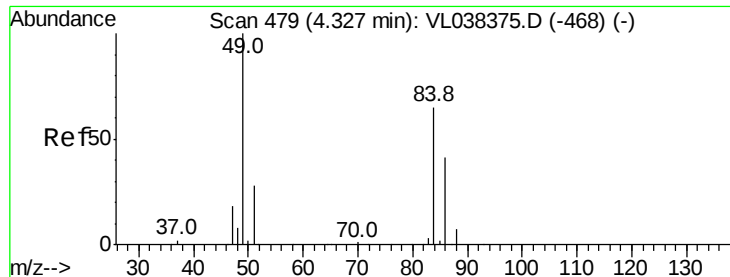
42 79.0 54.6 82.0



Abundance Ion 41.10 (40.80 to 41.80): VL0

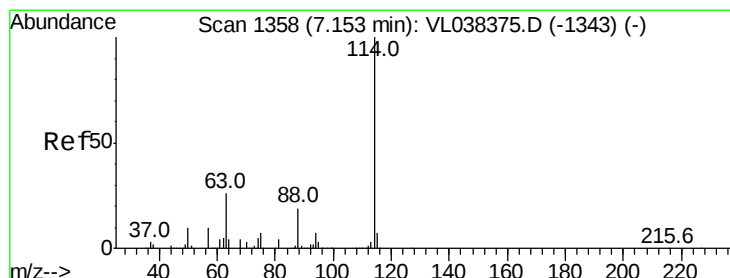
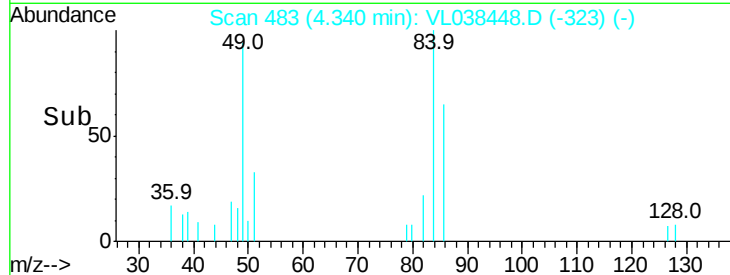
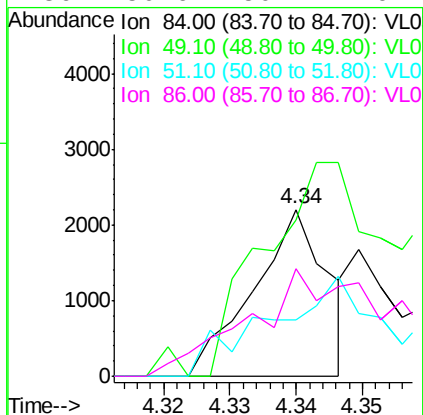
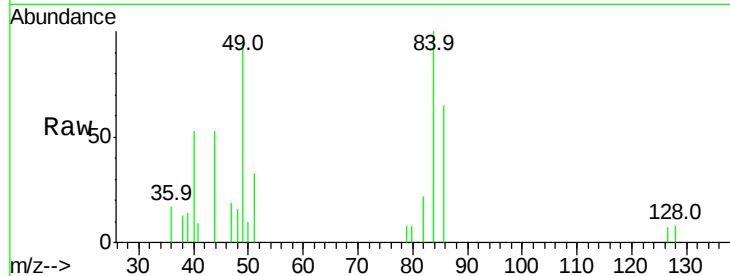
Ion 42.10 (41.80 to 42.80): VL0





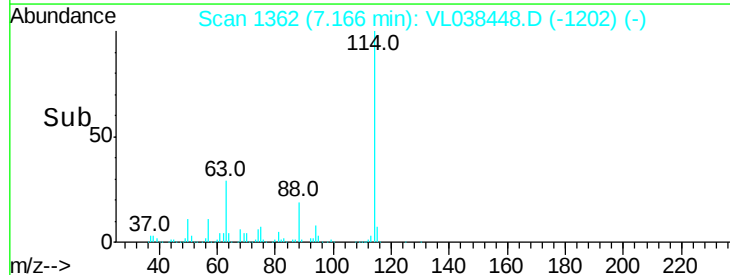
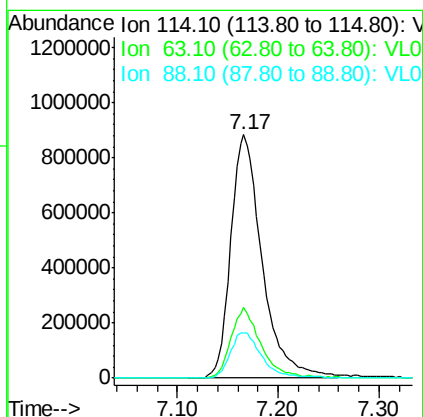
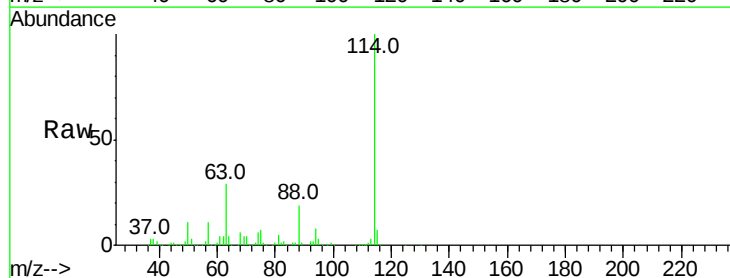
#20
Methylene Chloride
Concen: 0.05 ppbv
RT: 4.34
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 1 Mar 2022 12:58
QC022822 CAN 10158

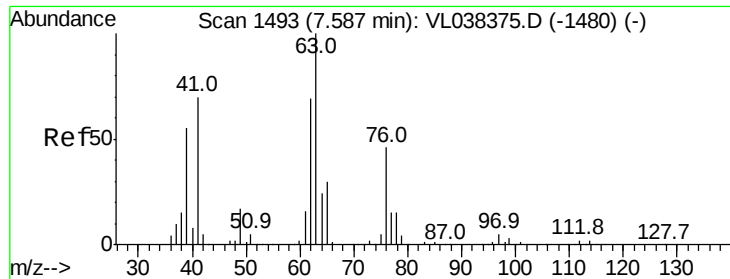
Tgt Ion: 84 Resp: 1710
Ion Ratio Lower Upper
84 100
49 103.9 122.4 183.6#
51 33.5 33.3 49.9
86 50.6 50.7 76.1#



#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.17 min Scan# 1362
Delta R.T. 0.01 min
Lab File: VL038448.D
Acq: 1 Mar 2022 12:58

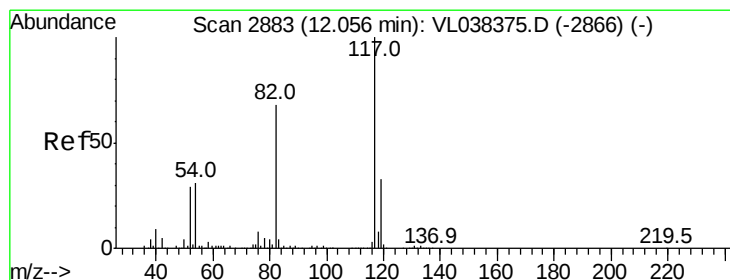
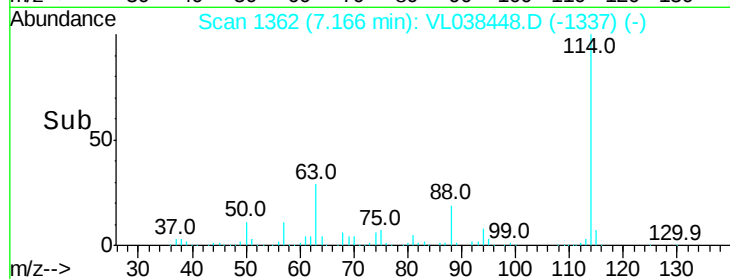
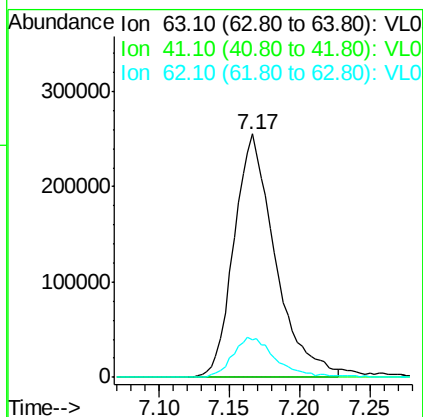
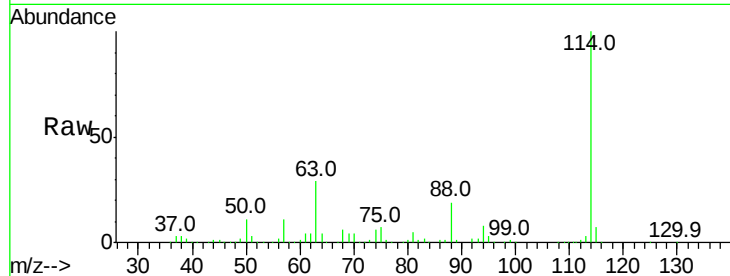
Tgt Ion: 114 Resp: 1914310
Ion Ratio Lower Upper
114 100
63 28.2 22.2 33.2
88 19.2 15.2 22.8





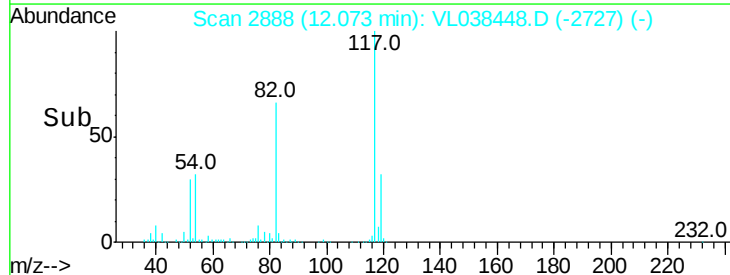
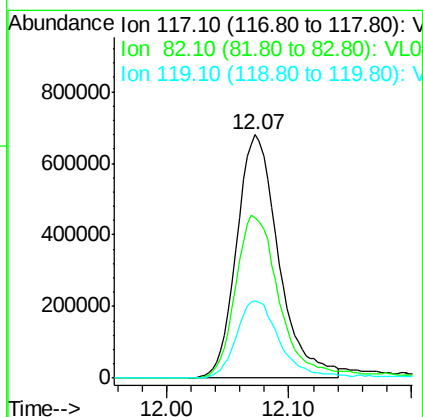
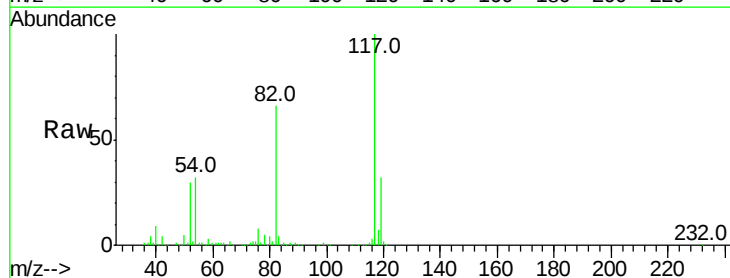
#39
 1,2-Dichloropropane
 Concen: 7.79 ppbv
 RT: 7.17
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 OC022822 CAN 10158
 Acq: 1 Mar 2022 12:58

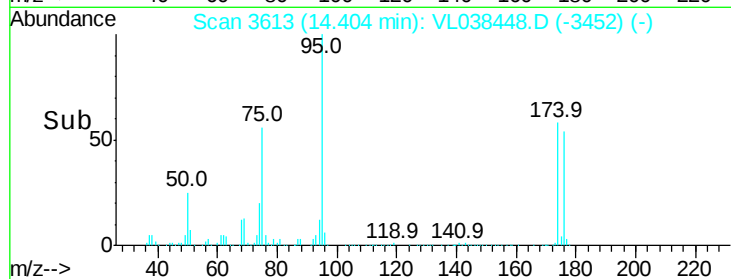
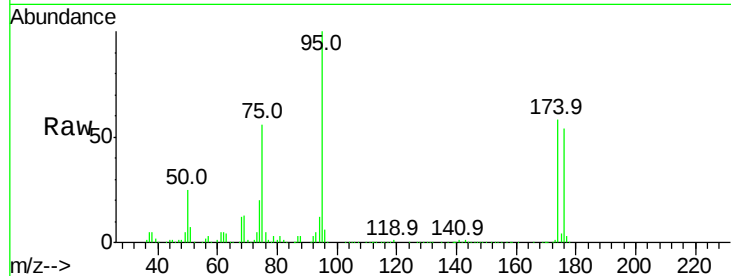
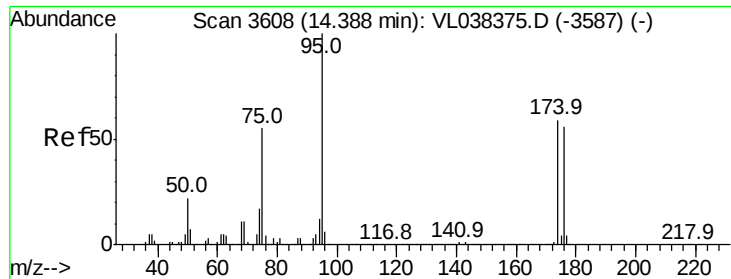
Tgt Ion: 63 Resp: 522600
 Ion Ratio Lower Upper
 63 100
 41 0.1 56.1 84.1#
 62 15.3 55.5 83.3#



#55
 Chlorobenzene-d5
 Concen: 10.00 ppbv
 RT: 12.07 min Scan# 2888
 Delta R.T. 0.02 min
 Lab File: VL038448.D
 Acq: 1 Mar 2022 12:58

Tgt Ion: 117 Resp: 1619694
 Ion Ratio Lower Upper
 117 100
 82 73.6 54.9 82.3
 119 34.4 46.1 69.1#





#68

1-Bromo-4-Fluorobenzene

Concen: 9.67 ppbv

RT: 14.40

Delta R.T: MSVOA_L

Lab File: ClientSampleId :

Acq: 1 Mar 2022 12:58

Tgt Ion: 95 Resp: 1296405

Ion Ratio Lower Upper

95 100

174 59.7 49.0 73.4

175 4.1 3.6 5.4

