

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL071322\
 Data File : VL039472.D
 Acq On : 13 Jul 2022 19:49
 Operator : SY/AP
 Sample : QC071122 CAN 10599
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC071122 CAN 10599

Quant Time: Jul 14 01:23:05 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 06 02:15:38 2022
 QLast Update : Wed Jul 06 02:15:38 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1245606	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.18	114	3449430	10.00	ppbv	0.03
55) Chlorobenzene-d5	12.09	117	2990122	10.00	ppbv	0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2319985	10.46	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.60%

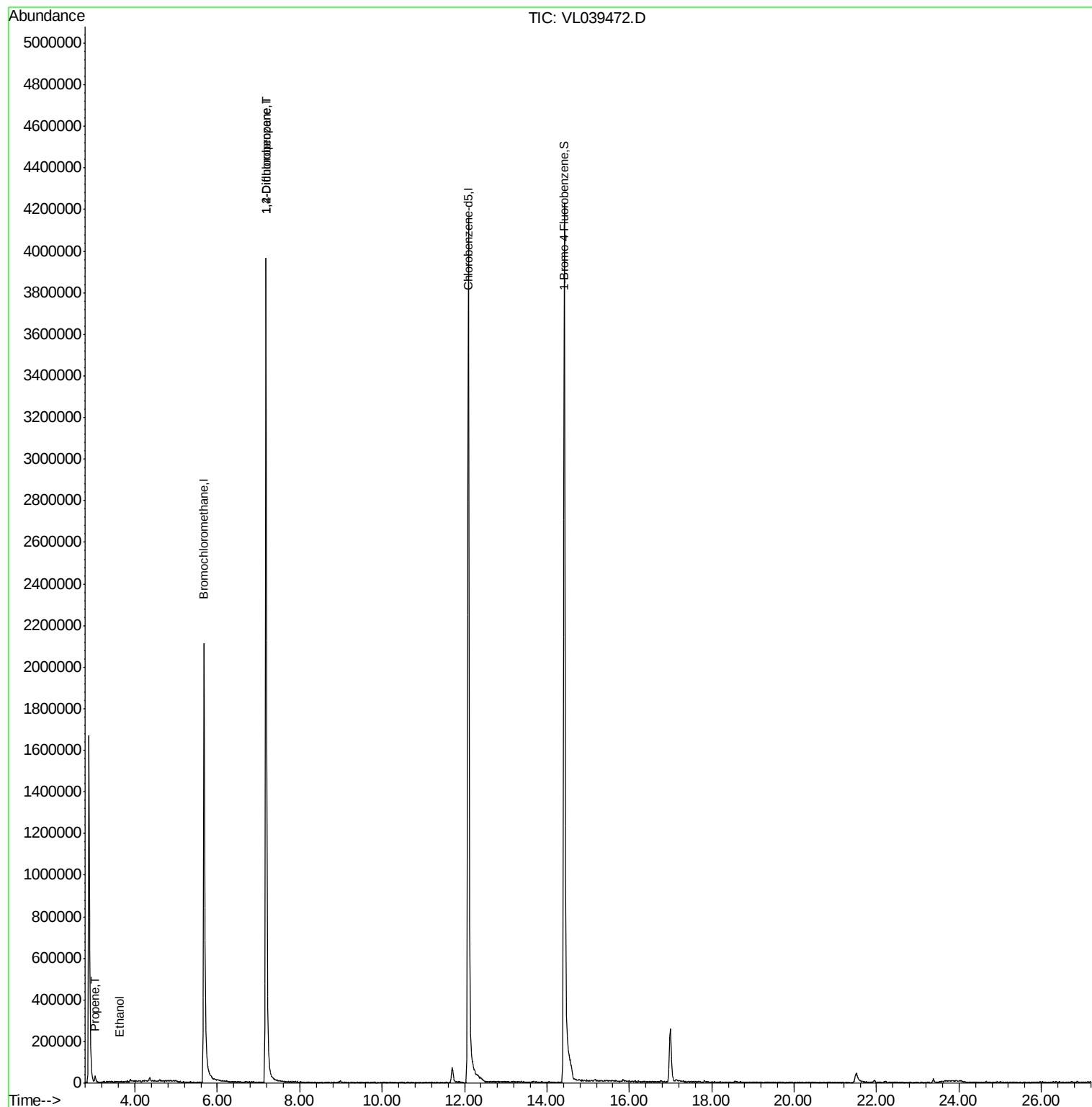
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	3.02	41	2168	0.03	ppbv #	1
13) Ethanol	3.61	45	125	0.03	ppbv #	23
39) 1,2-Dichloropropane	7.18	63	845298	8.48	ppbv #	25

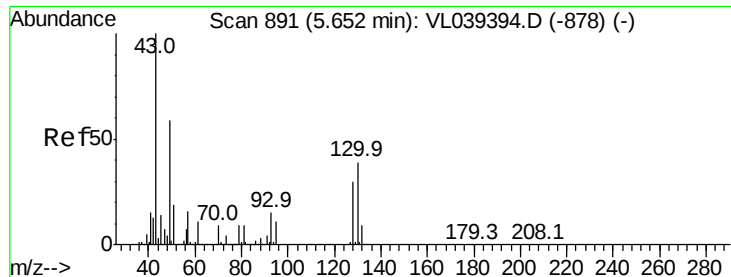
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.67 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: QC071122 CAN 10599

Acq: 13 Jul 2022 19:49

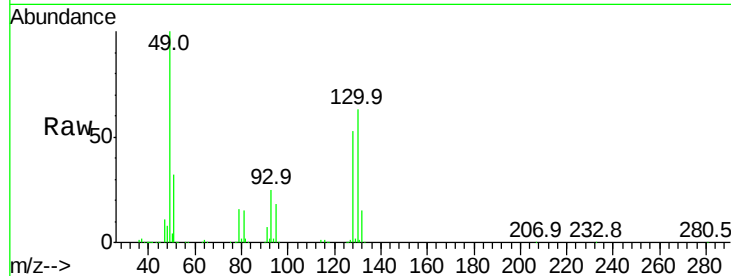
Tgt Ion: 49 Resp: 1245606

Ion Ratio Lower Upper

49 100

128 53.1 26.7 80.0

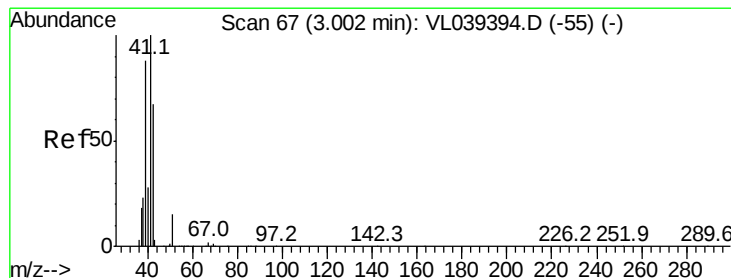
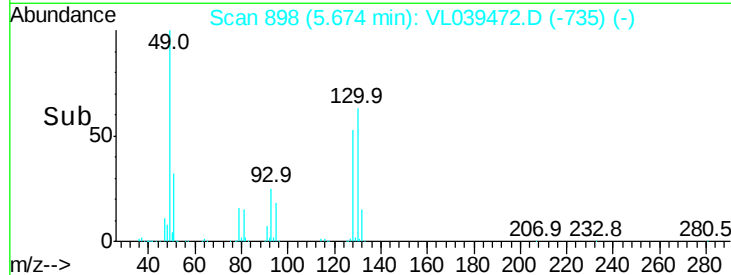
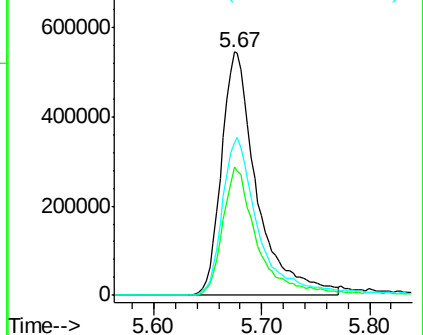
130 68.5 34.3 102.8



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: 0.03 ppbv

RT: 3.02 min Scan# 73

Delta R.T. 0.02 min

Lab File: VL039472.D

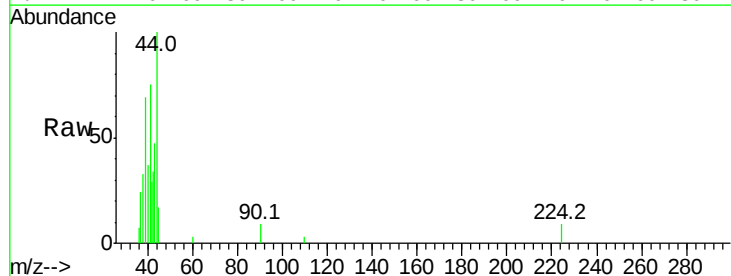
Acq: 13 Jul 2022 19:49

Tgt Ion: 41 Resp: 2168

Ion Ratio Lower Upper

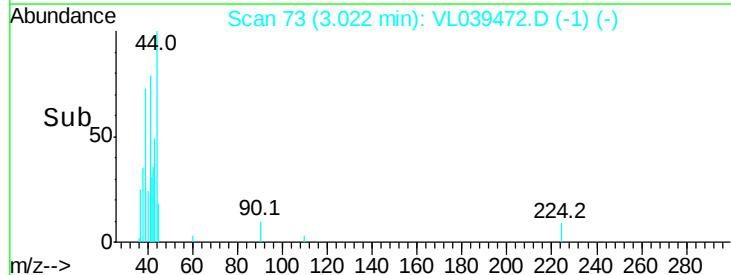
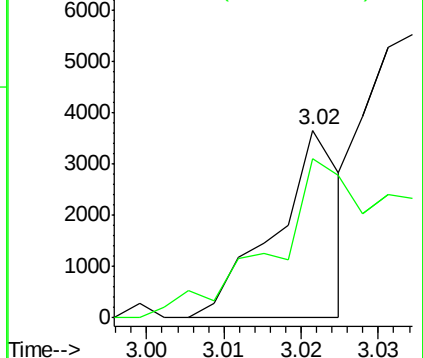
41 100

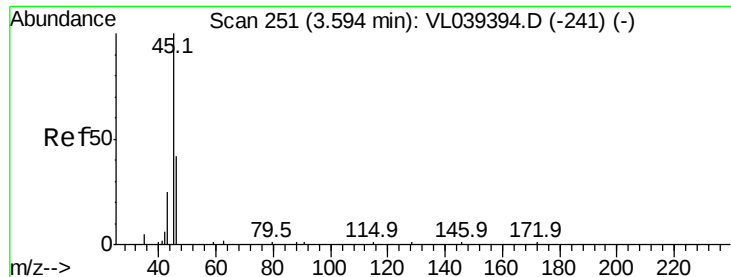
42 264.1 55.2 82.8#



Abundance Ion 41.10 (40.80 to 41.80): VL0

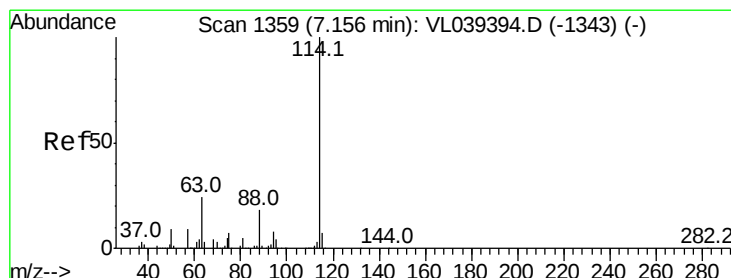
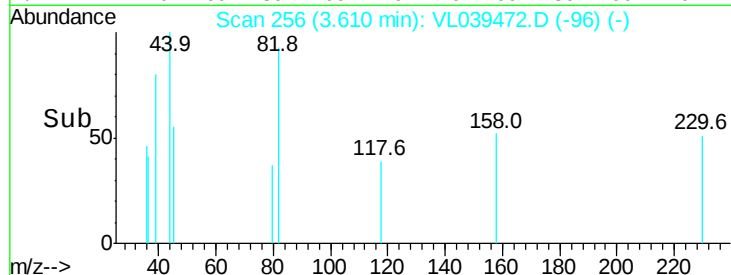
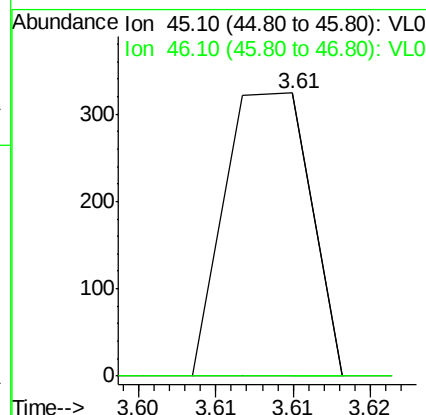
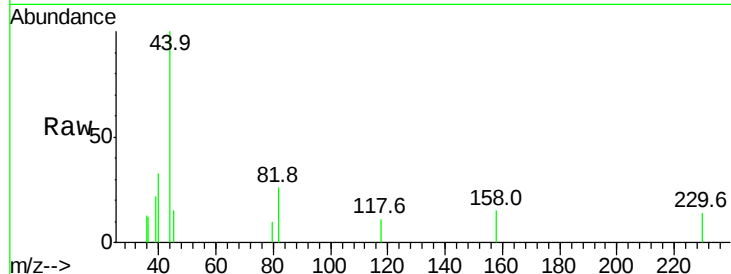
Ion 42.10 (41.80 to 42.80): VL0





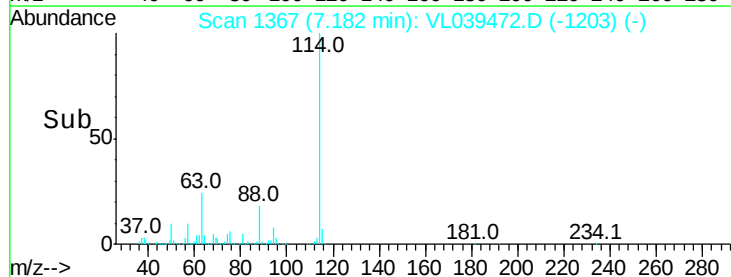
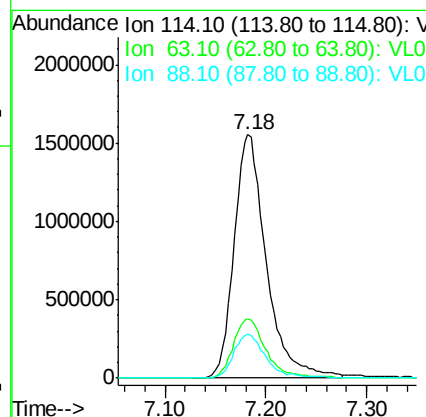
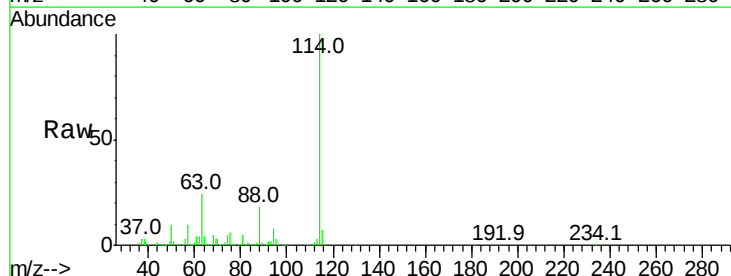
#13
Ethanol
Concen: 0.03 ppbv
RT: 3.61
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 13 Jul 2022 19:49

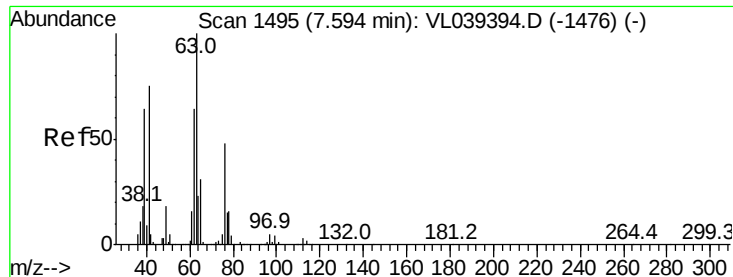
Tgt Ion: 45 Resp: 125
Ion Ratio Lower Upper
45 100
46 0.0 22.8 91.2#



#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.18 min Scan# 1367
Delta R.T. 0.03 min
Lab File: VL039472.D
Acq: 13 Jul 2022 19:49

Tgt Ion: 114 Resp: 3449430
Ion Ratio Lower Upper
114 100
63 25.1 20.2 30.4
88 18.4 14.5 21.7





#39

1,2-Dichloropropane

Concen: 8.48 ppbv

RT: 7.18

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 13 Jul 2022 19:49

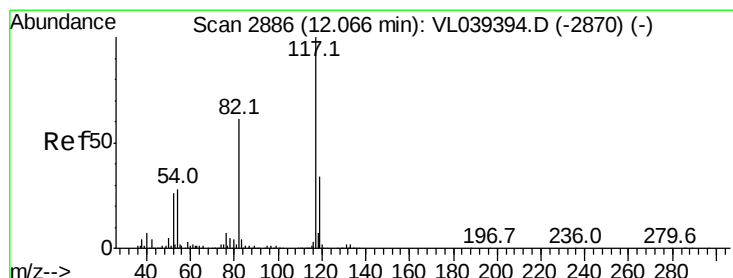
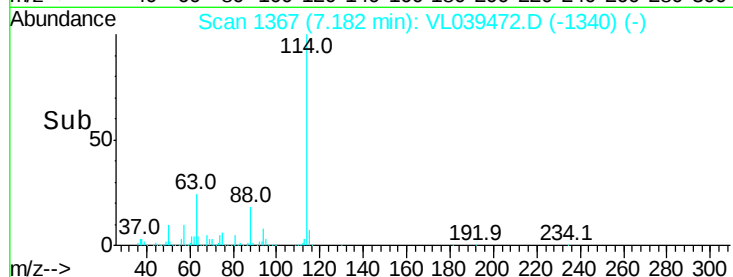
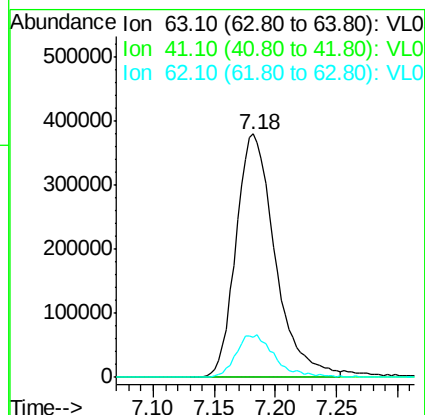
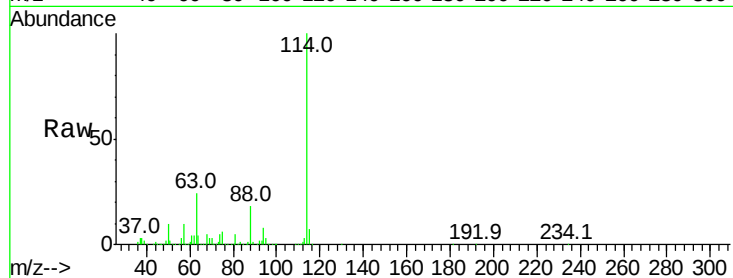
Tgt Ion: 63 Resp: 845298

Ion Ratio Lower Upper

63 100

41 0.0 59.6 89.4#

62 16.7 51.4 77.0#



#55

Chlorobenzene-d5

Concen: 10.00 ppbv

RT: 12.09 min Scan# 2894

Delta R.T. 0.03 min

Lab File: VL039472.D

Acq: 13 Jul 2022 19:49

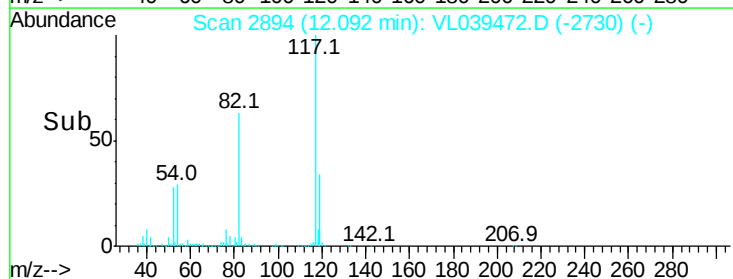
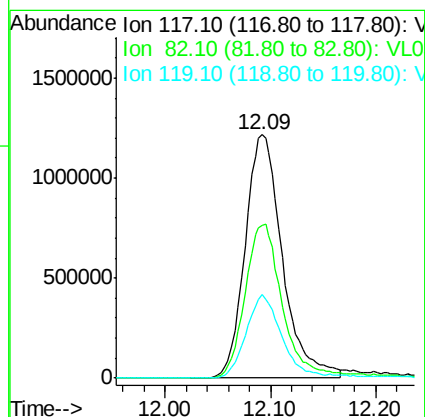
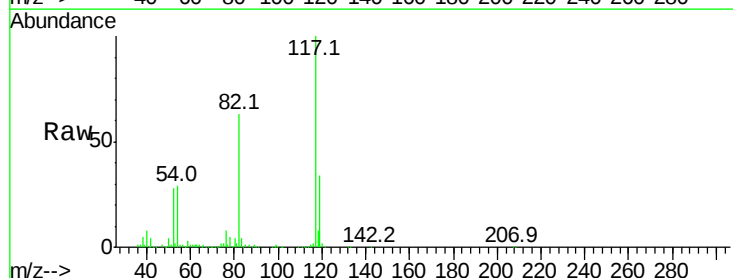
Tgt Ion: 117 Resp: 2990122

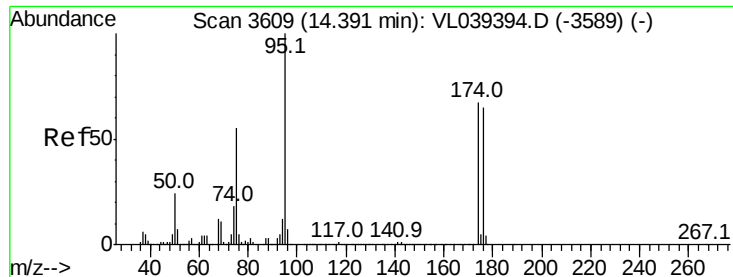
Ion Ratio Lower Upper

117 100

82 65.9 50.8 76.2

119 33.9 24.1 36.1





#68

1-Bromo-4-Fluorobenzene

Concen: 10.46 ppbv

RT: 14.42 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 13 Jul 2022 19:49 QC071122 CAN 10599

Tgt Ion: 95 Resp: 2319985

Ion Ratio Lower Upper

95 100

174 70.9 55.9 83.9

175 5.0 4.2 6.4

