

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL062922\
 Data File : VL039405.D
 Acq On : 29 Jun 2022 20:59
 Operator : SY/AP
 Sample : QC062022 CAN 10448
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC062022 CAN 10448

Quant Time: Jun 30 05:43:02 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jun 30 05:40:11 2022
 QLast Update : Thu Jun 30 05:40:11 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1191682	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	3335926	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	2849192	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2151570	10.18	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.80%

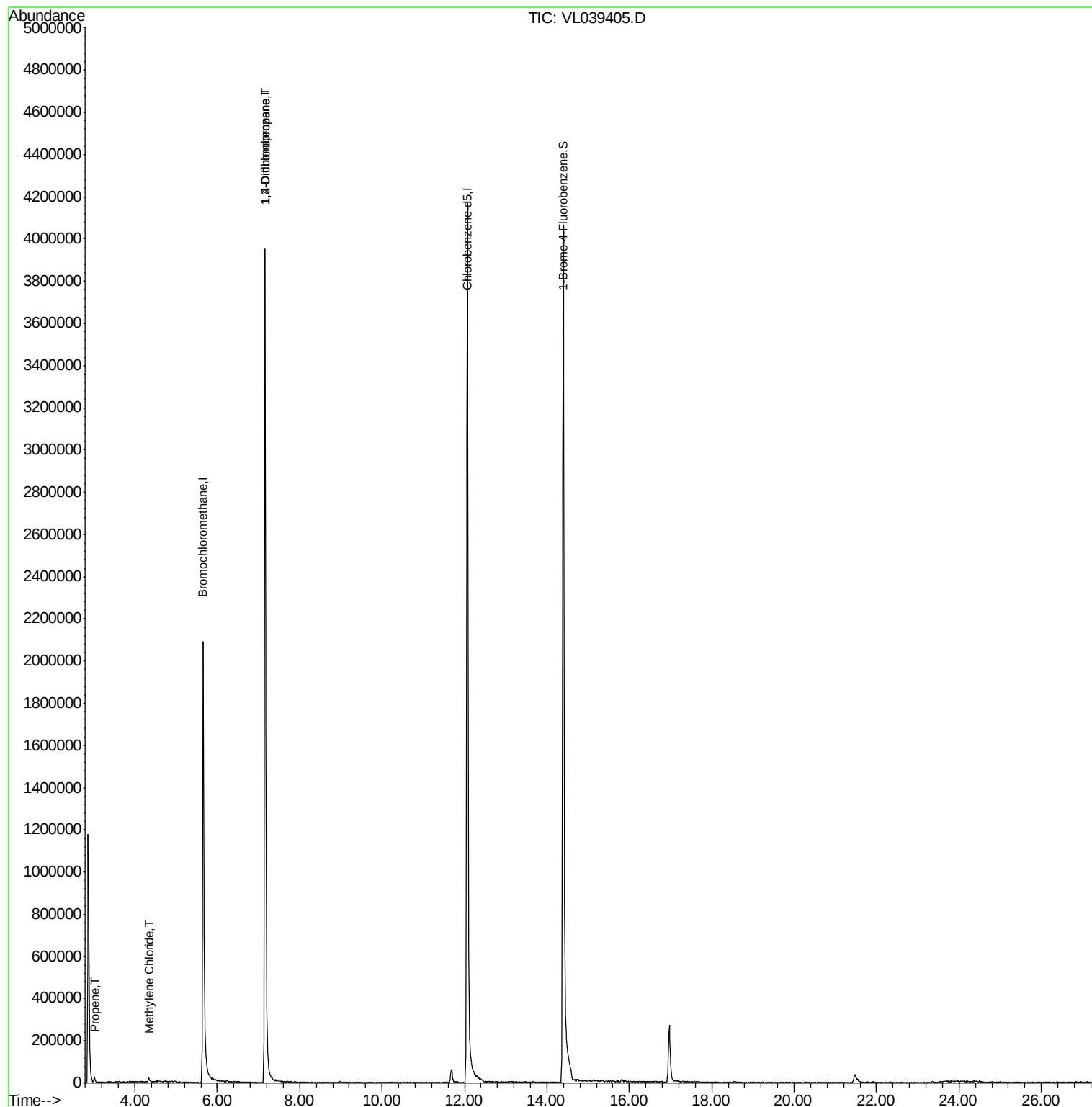
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	3.01	41	3749	0.05	ppbv #	15
20) Methylene Chloride	4.34	84	2560	0.05	ppbv #	57
39) 1,2-Dichloropropane	7.16	63	818942	8.49	ppbv #	25

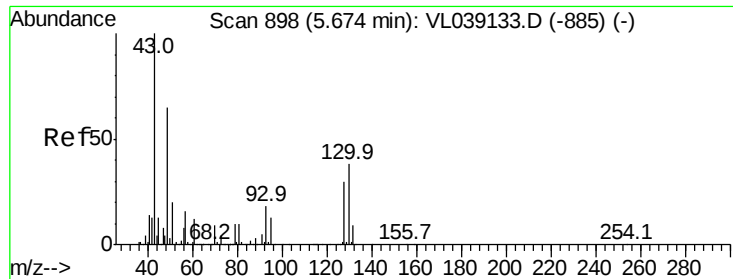
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.65 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 29 Jun 2022 20:59

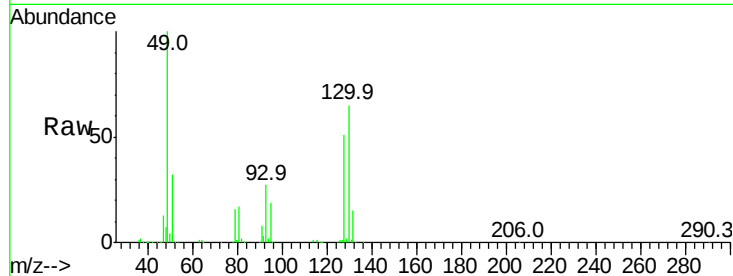
Tgt Ion: 49 Resp: 1191682

Ion Ratio Lower Upper

49 100

128 53.1 26.7 80.0

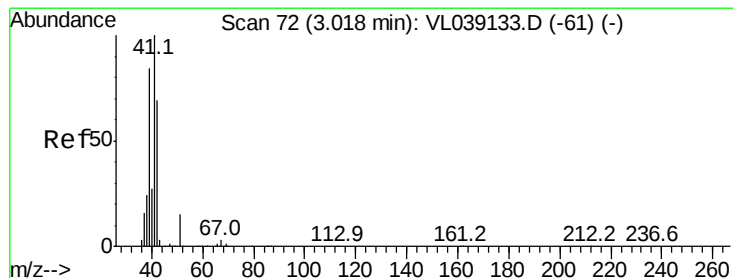
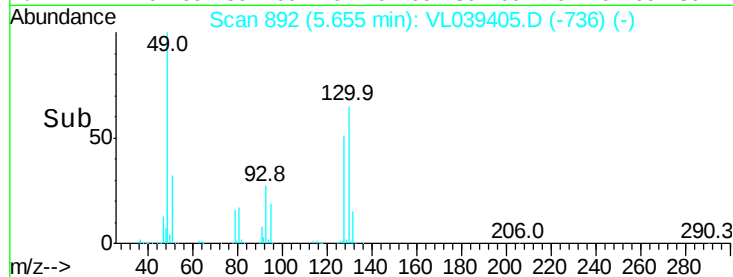
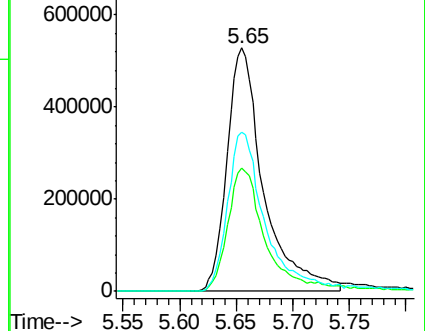
130 69.4 34.3 102.8



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: 0.05 ppbv

RT: 3.01 min Scan# 69

Delta R.T. 0.01 min

Lab File: VL039405.D

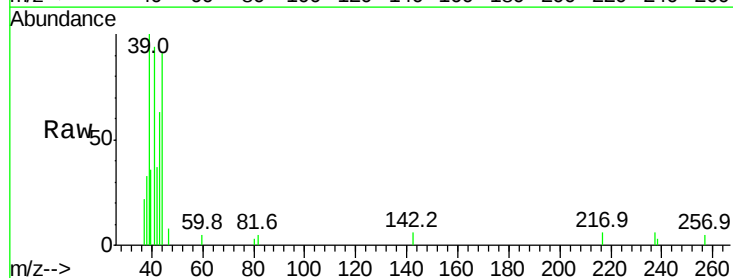
Acq: 29 Jun 2022 20:59

Tgt Ion: 41 Resp: 3749

Ion Ratio Lower Upper

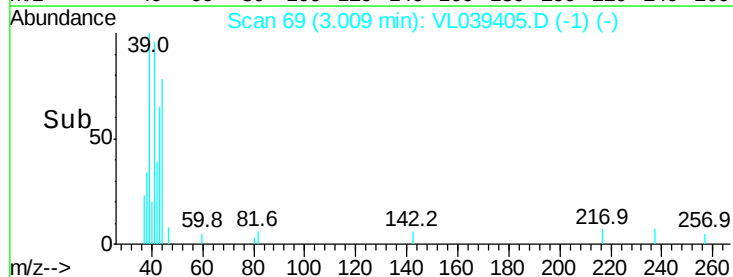
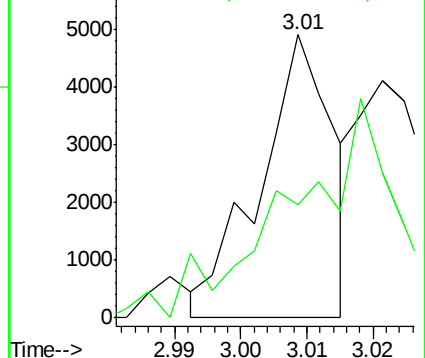
41 100

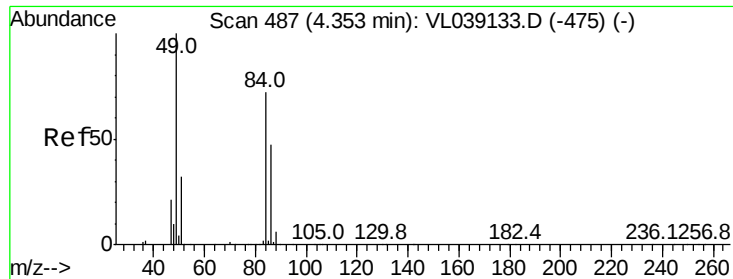
42 0.0 55.2 82.8#



Abundance Ion 41.10 (40.80 to 41.80): VL0

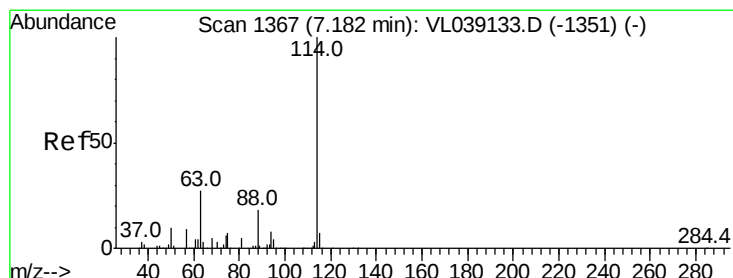
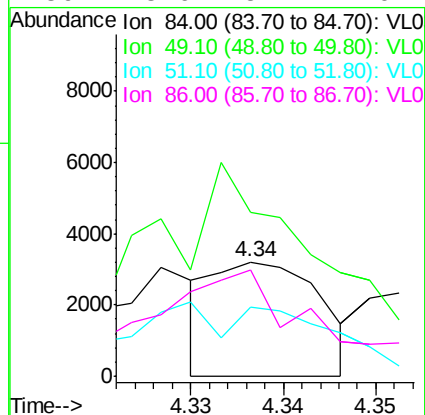
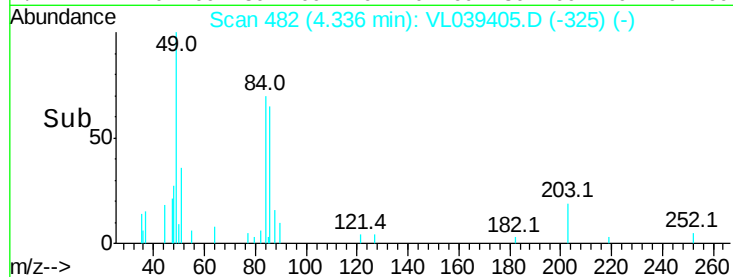
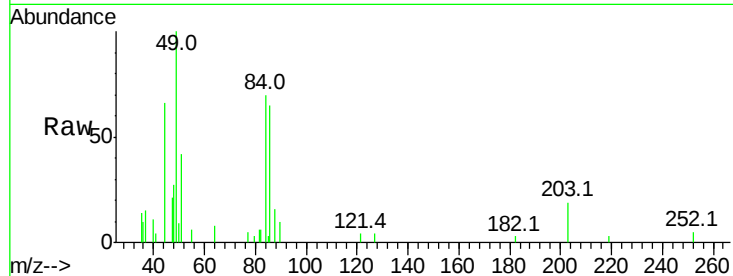
Ion 42.10 (41.80 to 42.80): VL0





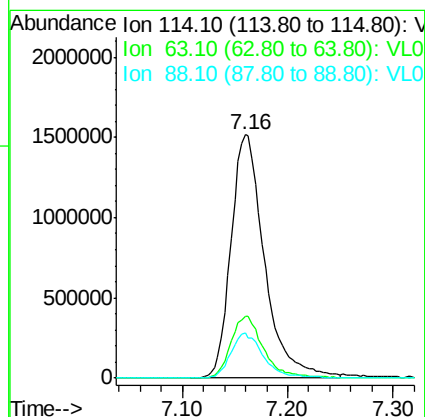
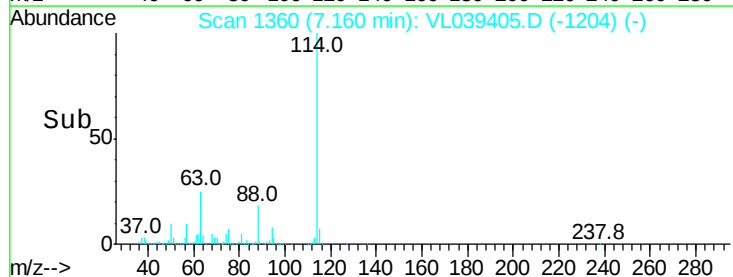
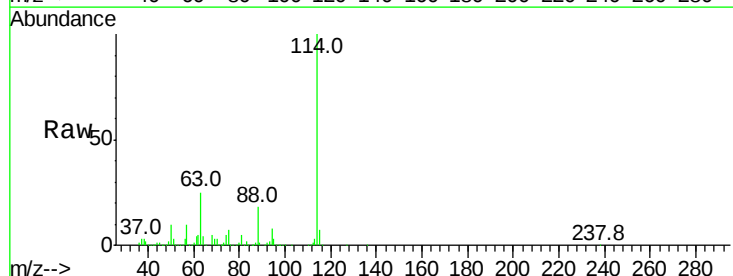
#20
Methylene Chloride
Concen: 0.05 ppbv
RT: 4.34 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 29 Jun 2022 20:59
QC062022 CAN 10448

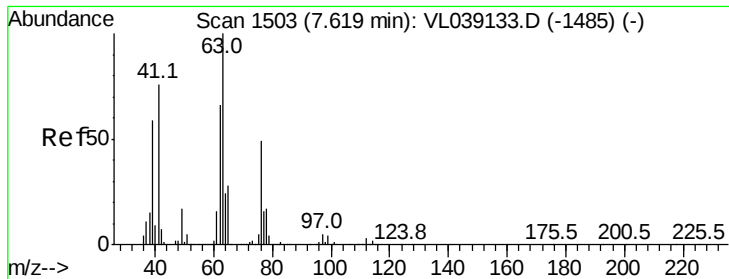
Tgt Ion	Ratio	Lower	Upper
84	100		
49	98.1	123.1	184.7#
51	41.9	34.4	51.6
86	118.6	51.1	76.7#



#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.16 min Scan# 1360
Delta R.T.: 0.00 min
Lab File: VL039405.D
Acq: 29 Jun 2022 20:59

Tgt Ion	Ratio	Lower	Upper
114	100		
63	25.0	20.2	30.4
88	18.4	14.5	21.7





#39

1,2-Dichloropropane

Concen: 8.49 ppbv

RT: 7.16 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 29 Jun 2022 20:59 OC062022 CAN 10448

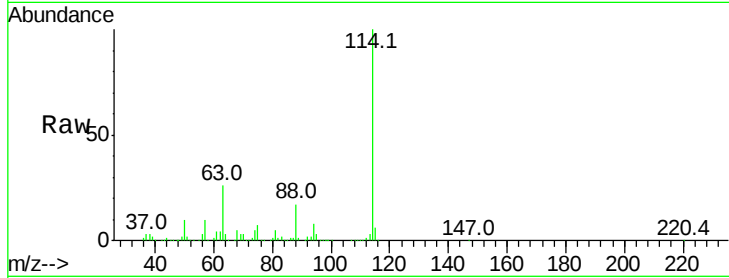
Tgt Ion: 63 Resp: 818942

Ion Ratio Lower Upper

63 100

41 0.0 59.6 89.4#

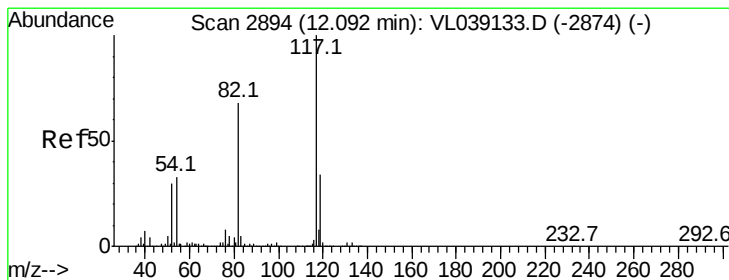
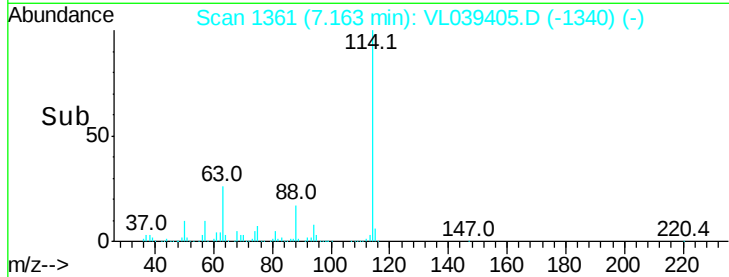
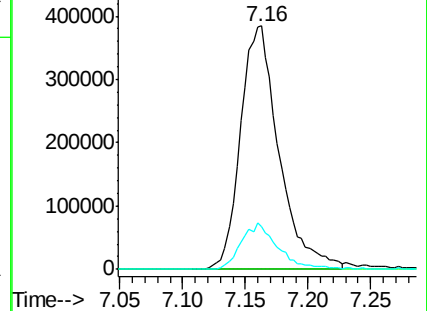
62 17.5 51.4 77.0#



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: 12.07 min Scan# 2886

Delta R.T. -0.00 min

Lab File: VL039405.D

Acq: 29 Jun 2022 20:59

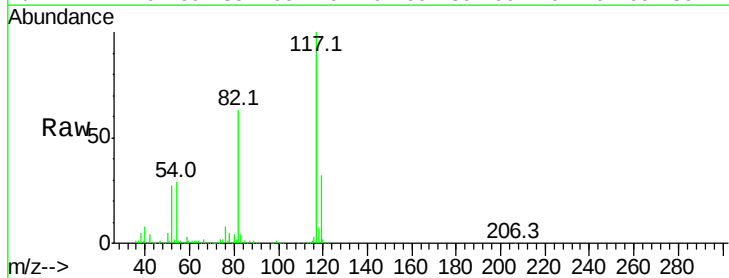
Tgt Ion: 117 Resp: 2849192

Ion Ratio Lower Upper

117 100

82 66.5 50.8 76.2

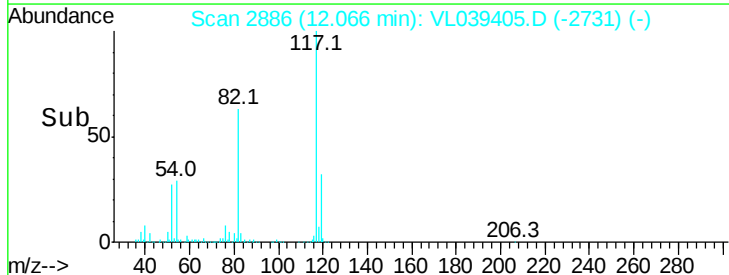
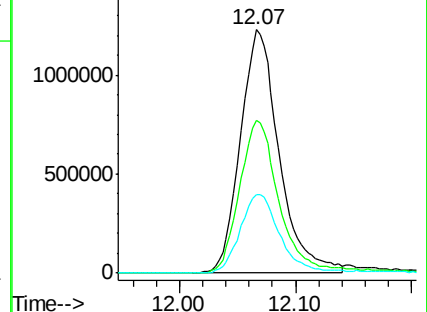
119 34.3 24.1 36.1

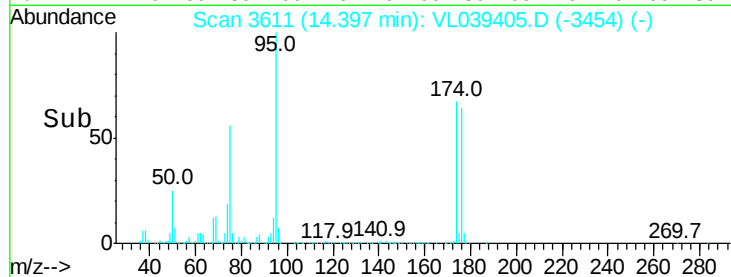
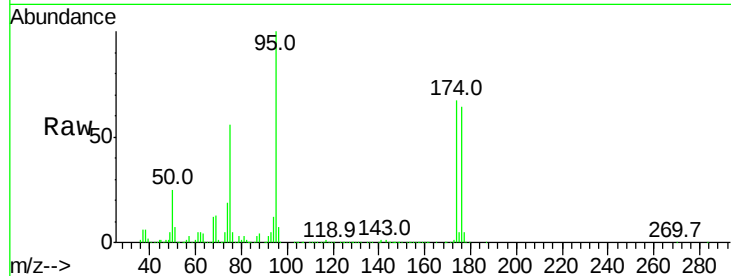
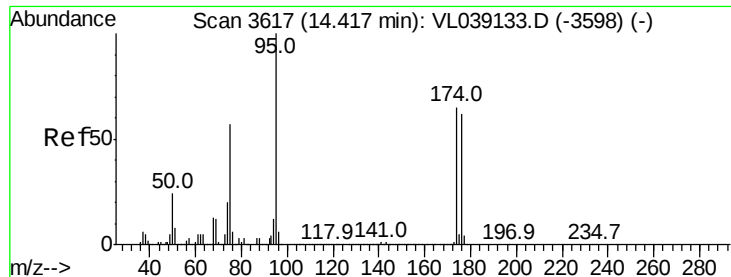


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 10.18 ppbv

RT: 14.40

Delta R.T: MSVOA_L

Lab File: ClientSampleId :

QC062022 CAN 10448

Acq: 29 Jun 2022 20:59

Tgt Ion: 95 Resp: 2151570

Ion Ratio Lower Upper

95 100

174 70.0 55.9 83.9

175 5.1 4.2 6.4

