

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL082522\
 Data File : VL039592.D
 Acq On : 26 Aug 2022 00:23
 Operator : SY/AP
 Sample : QC081522 CAN 10282
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC081522 CAN 10282

Quant Time: Aug 26 06:27:52 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081722AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Aug 26 06:05:16 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.20	49	1064892	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	6.66	114	2775483	10.00	ppbv	0.00
55) Chlorobenzene-d5	11.47	117	2399899	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.78	95	1726807	9.54	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.40%

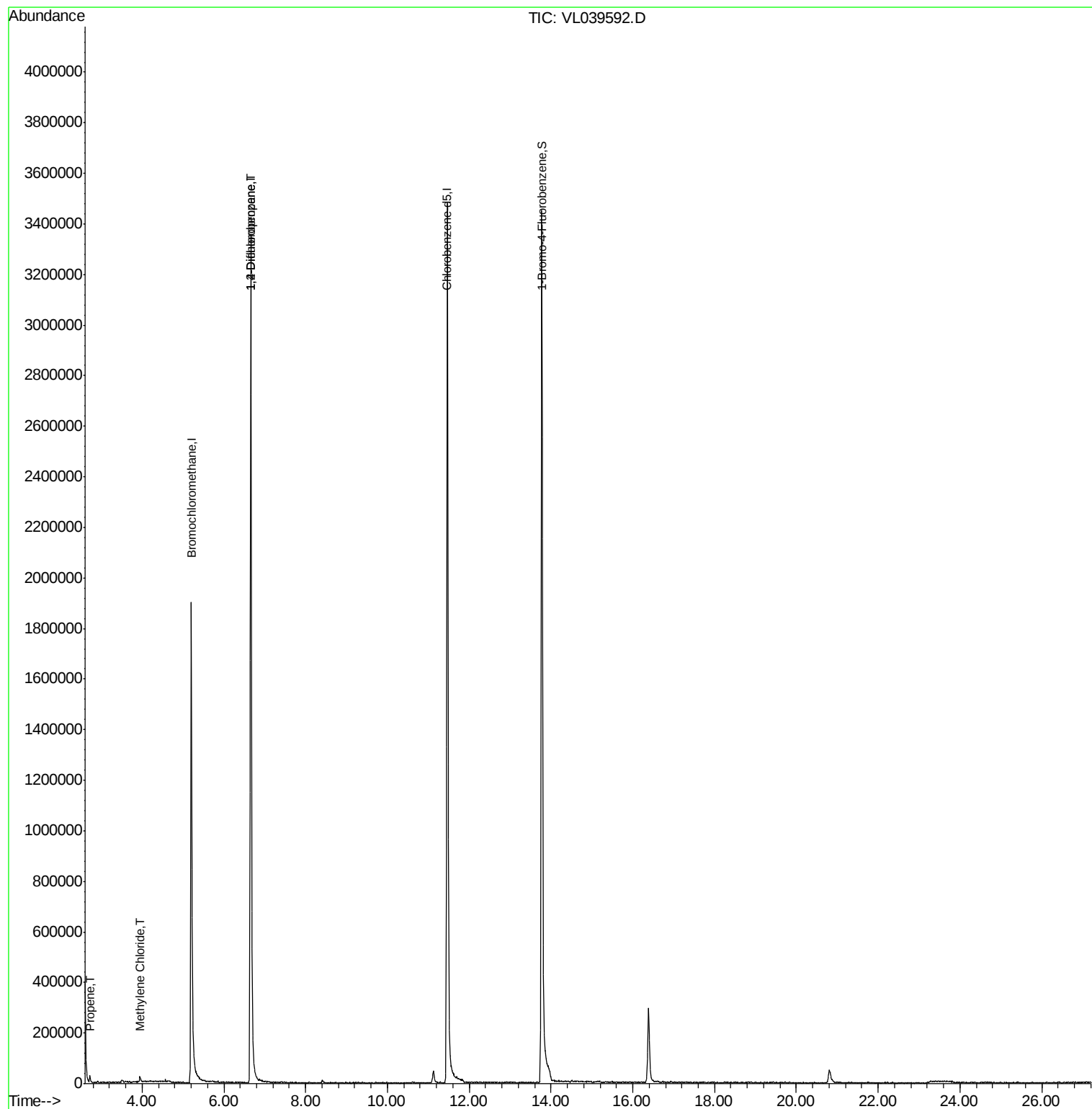
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	2.73	41	6375	0.110	ppbv	99
20) Methylene Chloride	3.94	84	7729	0.159	ppbv #	69
39) 1,2-Dichloropropane	6.66	63	670621	8.431	ppbv #	23

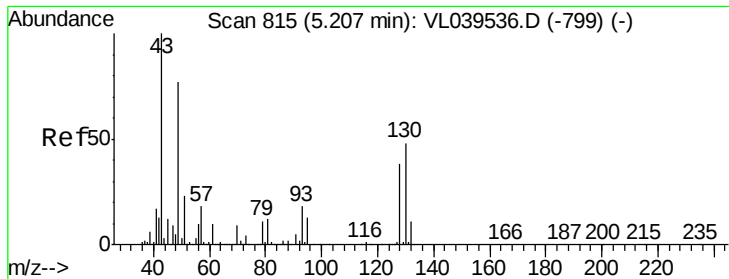
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL082522\
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Sample : OC081522 CAN 10282
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC081522 CAN 10282

Quant Time: Aug 26 06:27:52 2022
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL081722AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Fri Aug 26 06:05:16 2022
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.20 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 26 Aug 2022 00:23 QC081522 CAN 10282

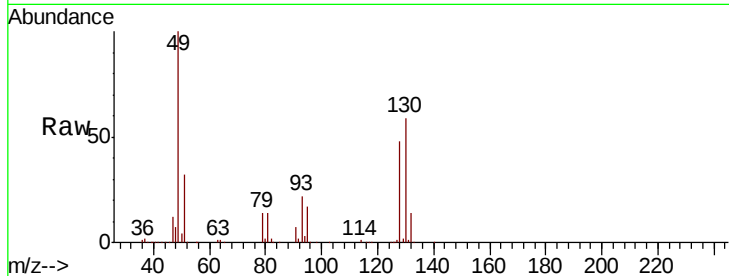
Tot Ion: 49 Resp: 1064892

Ion Ratio Lower Upper

49 100

128 49.6 26.7 80.0

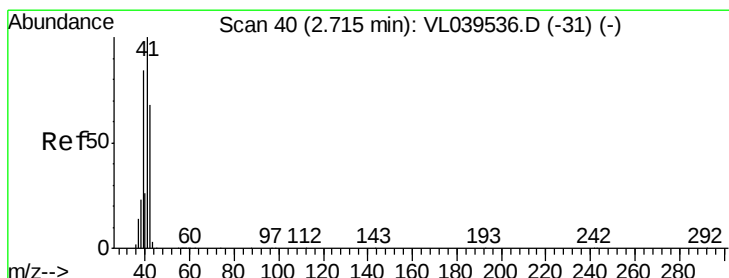
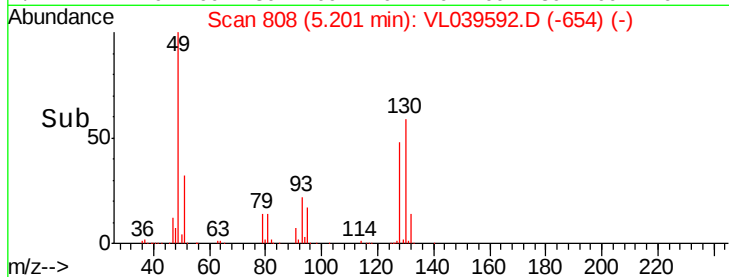
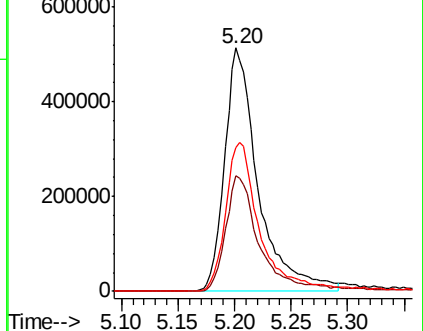
130 63.1 34.3 102.8



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: 0.110 ppbv

RT: 2.73 min Scan# 40

Delta R.T. 0.02 min

Lab File: VL039592.D

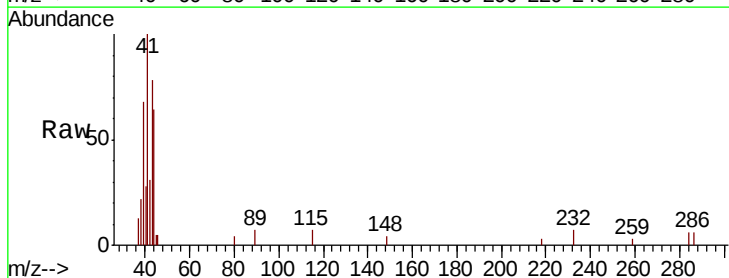
Acq: 26 Aug 2022 00:23

Tgt Ion: 41 Resp: 6375

Ion Ratio Lower Upper

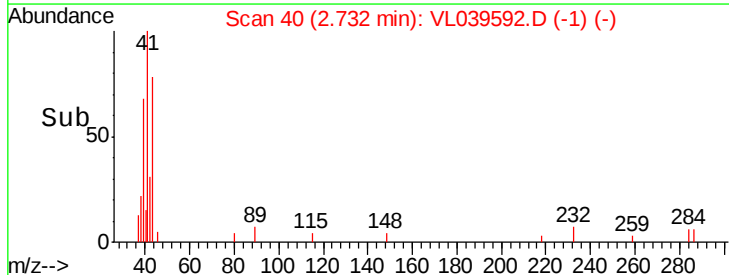
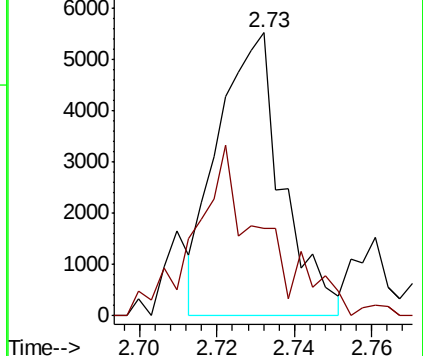
41 100

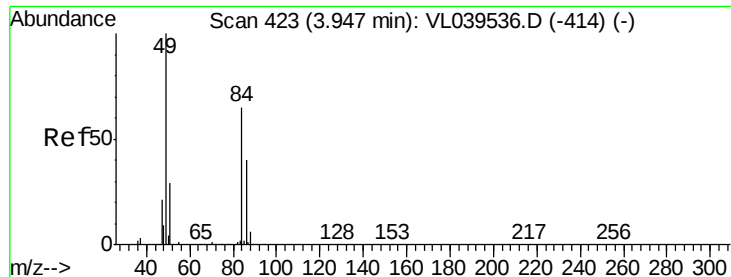
42 69.8 55.2 82.8



Abundance Ion 41.10 (40.80 to 41.80): VL0

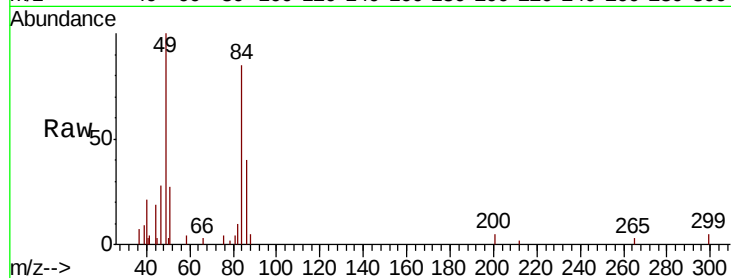
Ion 42.10 (41.80 to 42.80): VL0





#20
Methvlene Chloride
Concen: 0.159 ppbv
RT: 3.94
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 26 Aug 2022 00:23

Tot Ion:	84	Resp:	7729
Ion	Ratio	Lower	Upper
84	100		
49	110.1	123.1	184.7#
51	25.9	34.4	51.6#
86	42.4	51.1	76.7#



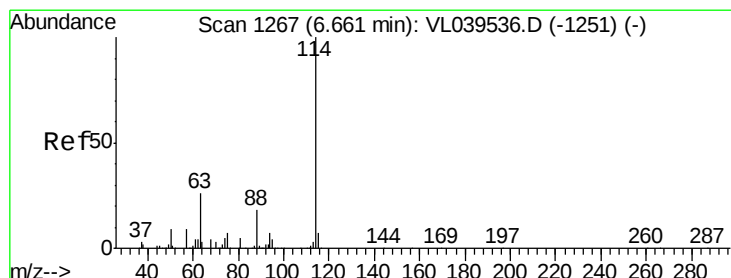
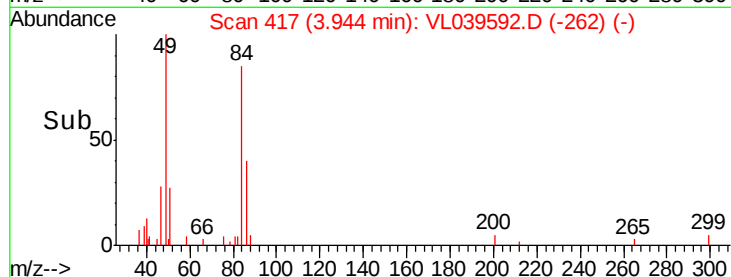
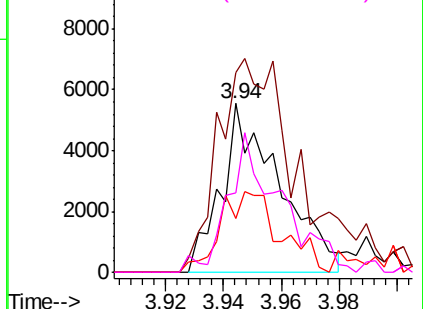
Abundance

Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

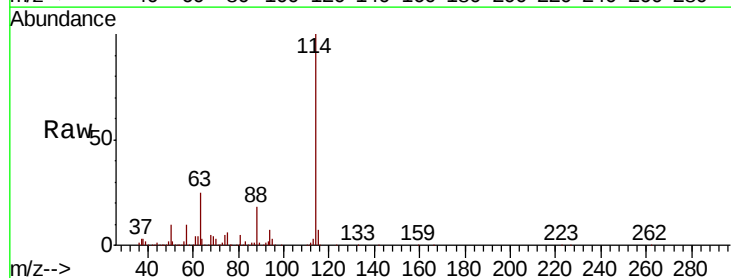
Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.66 min Scan# 1261
Delta R.T.: -0.00 min
Lab File: VL039592.D
Acq: 26 Aug 2022 00:23

Tgt Ion:	114	Resp:	2775483
Ion	Ratio	Lower	Upper
114	100		
63	24.8	20.2	30.4
88	18.2	14.5	21.7

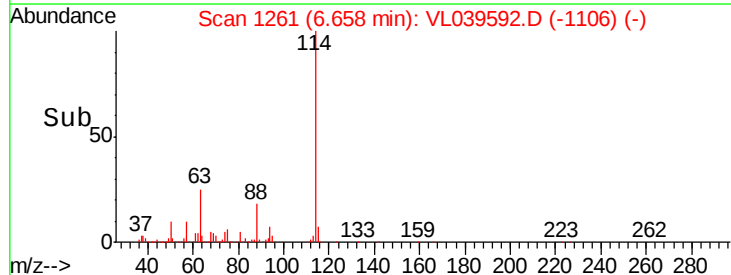
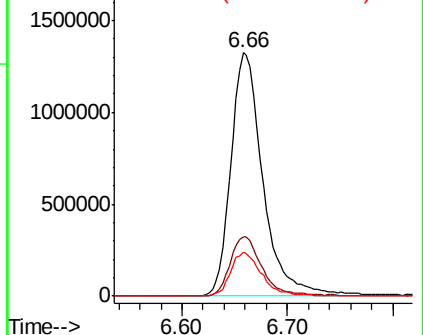


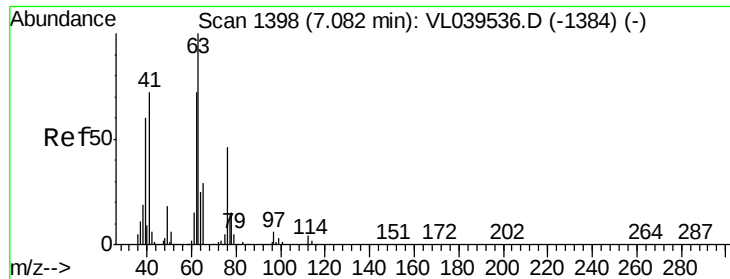
Abundance

Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

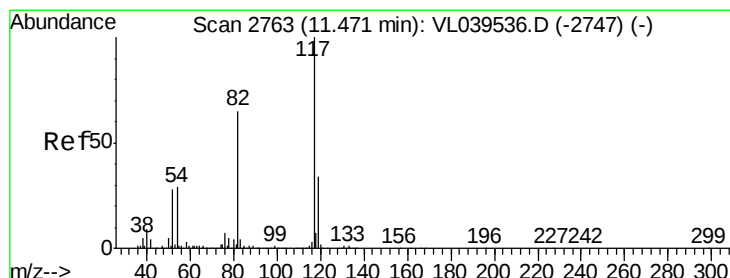
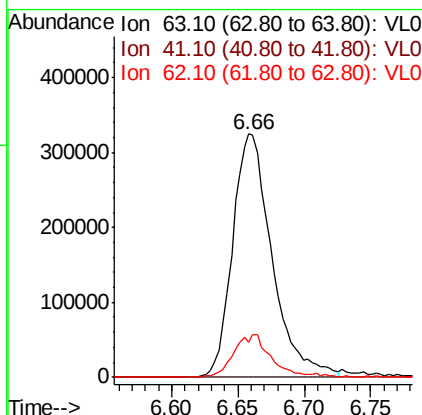
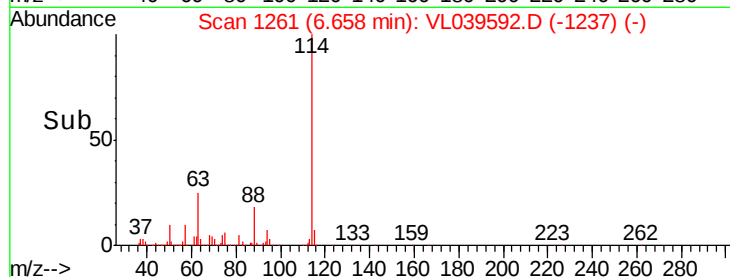
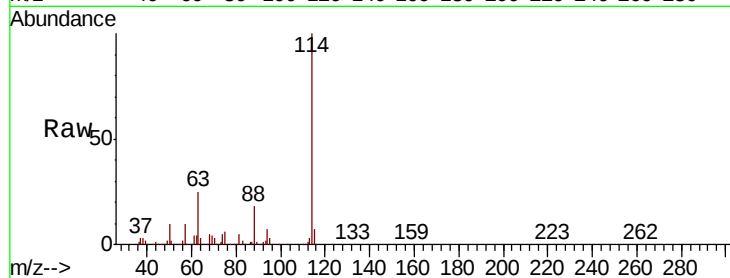
Ion 88.10 (87.80 to 88.80): VL0





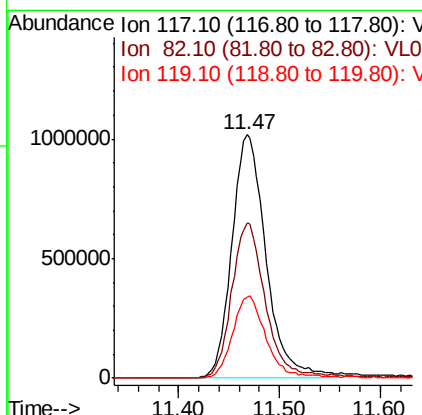
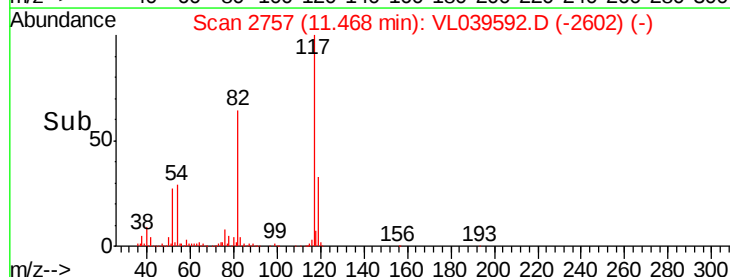
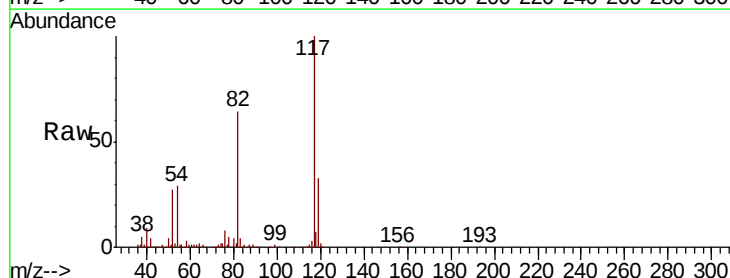
#39
 1,2-Dichloropropane
 Concen: 8.431 ppbv
 RT: 6.66
 Instrument: MSVOA_1
 Delta R.T.:
 Client Sample Id:
 Lab File: QC081522 CAN 10282
 Acq: 26 Aug 2022 00:23

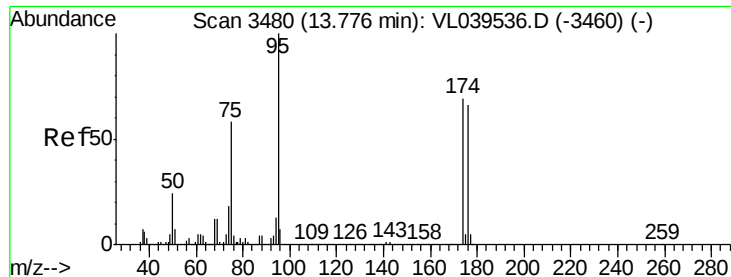
Tot Ion: 63 Resp: 670621
 Ion Ratio Lower Upper
 63 100
 41 0.0 59.6 89.4#
 62 14.5 51.4 77.0#



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 11.47 min Scan# 2757
 Delta R.T.: -0.00 min
 Lab File: VL039592.D
 Acq: 26 Aug 2022 00:23

Tgt Ion: 117 Resp: 2399899
 Ion Ratio Lower Upper
 117 100
 82 63.7 50.8 76.2
 119 33.5 24.1 36.1





#68

1-Bromo-4-Fluorobenzene

Concen: 9.538 ppbv

RT: 13.78

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

QC081522 CAN 10282

Acq: 26 Aug 2022 08:23

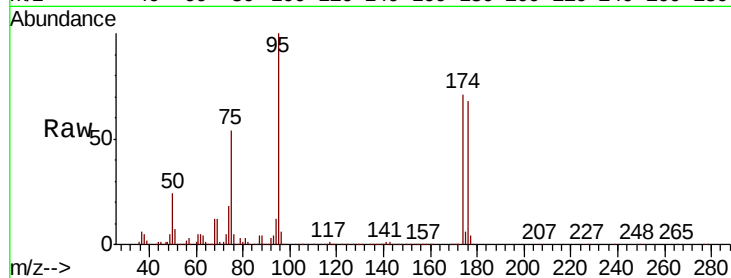
Tot Ion: 95 Resp: 1726807

Ion Ratio Lower Upper

95 100

174 73.4 55.9 83.9

175 5.6 4.2 6.4



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

