

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL070221\
 Data File : VL037274.D
 Acq On : 2 Jul 2021 14:33
 Operator : SY/AP
 Sample : QC062321 CAN 10282
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC070121 CAN 10280

Quant Time: Jul 03 07:17:33 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL061621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun 16 14:06:32 2021
 QLast Update : Wed Jun 16 14:06:32 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1231110	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	3551285	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	3008435	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	2256363	9.90	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.00%

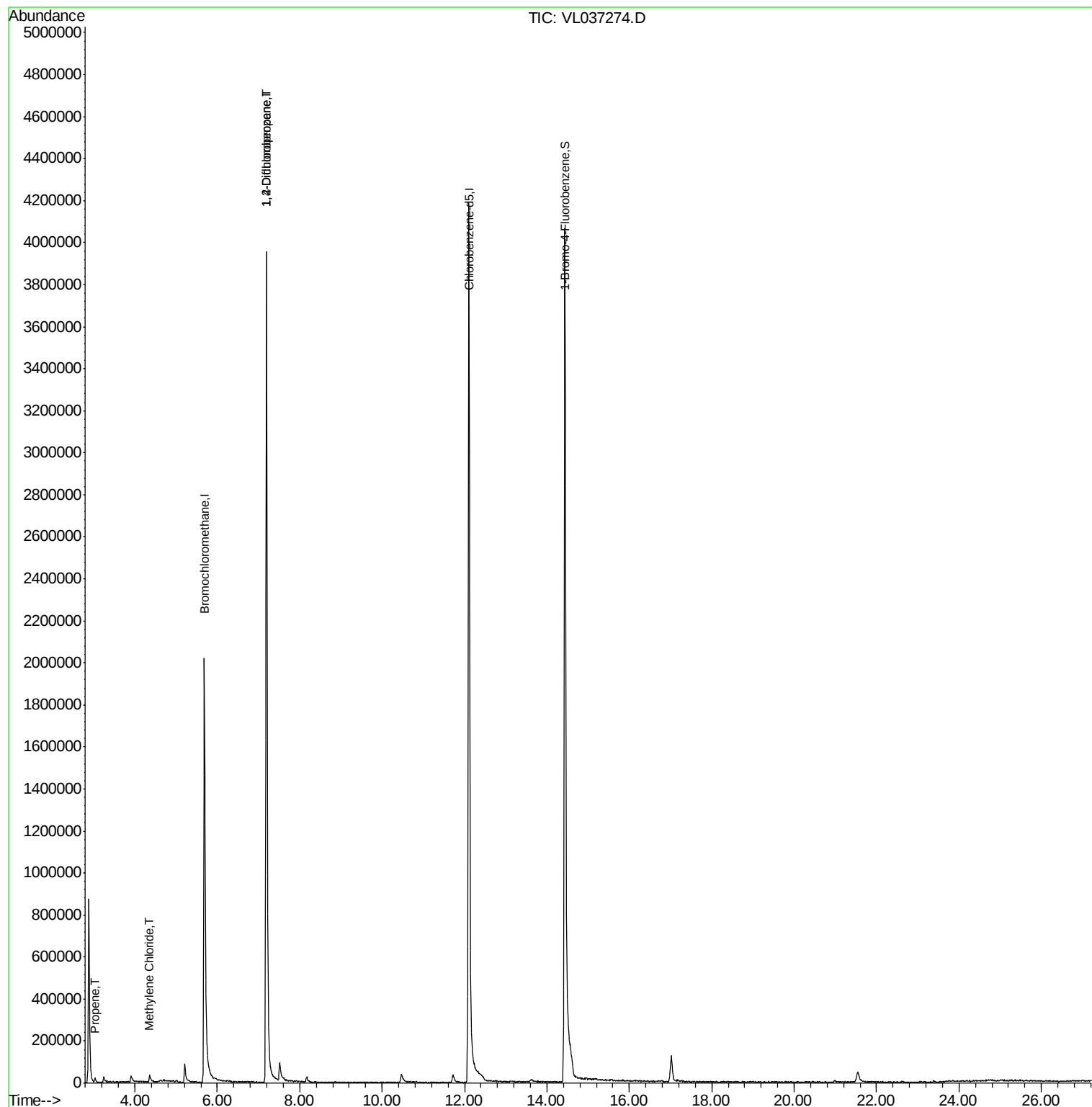
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	3.03	41	6271	0.082	ppbv	94
20) Methylene Chloride	4.36	84	7014	0.084	ppbv	86
39) 1,2-Dichloropropane	7.19	63	867547	8.130	ppbv #	23

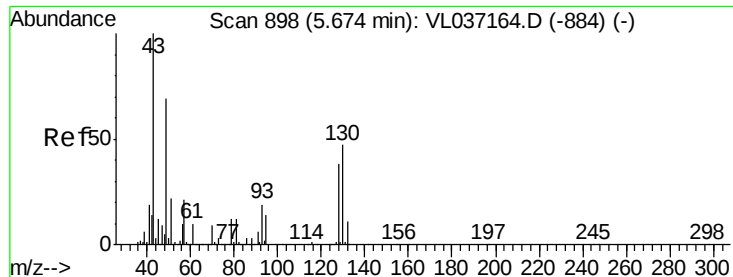
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 900

Delta R.T. 0.01 min

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Instrument :

MSVOA_L

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QC070121 CAN 10280

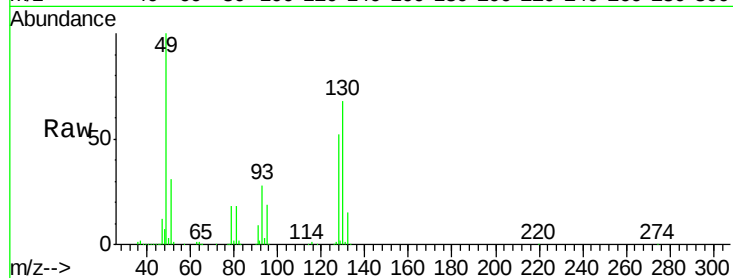
Tgt Ion: 49 Resp: 1231110

Ion Ratio Lower Upper

49 100

128 55.1 29.3 88.0

130 71.9 35.9 107.8



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

5.68

400000

300000

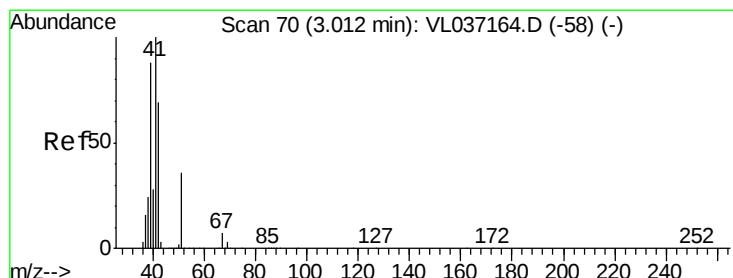
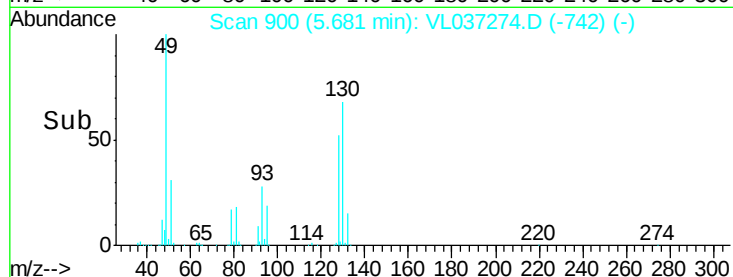
200000

100000

0

5.60 5.70 5.80

Time-->



#9

Propene

Concen: 0.082 ppbv

RT: 3.03 min Scan# 75

Delta R.T. 0.02 min

Lab File: VL037274.D

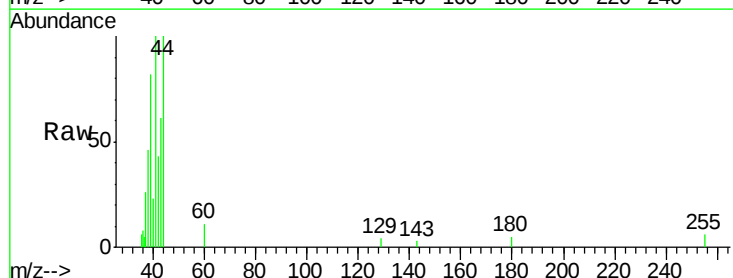
Acq: 2 Jul 2021 14:33

Tgt Ion: 41 Resp: 6271

Ion Ratio Lower Upper

41 100

42 63.0 54.5 81.7



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

3.03

5000

4000

3000

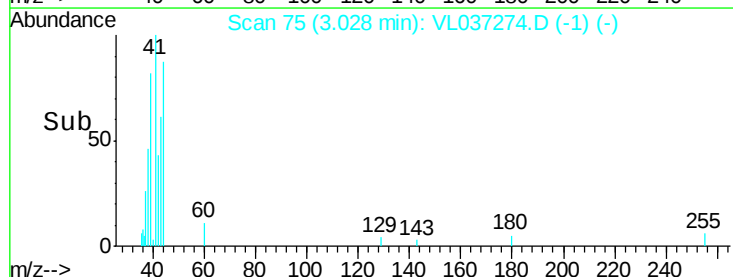
2000

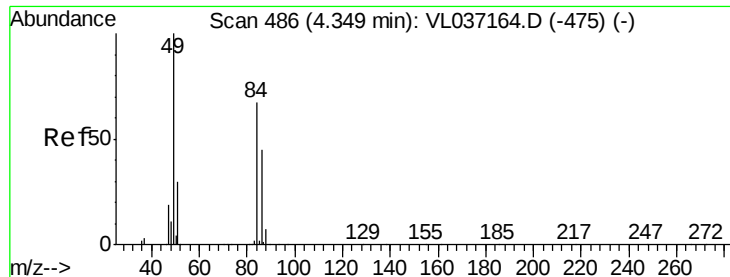
1000

0

2.98 3.00 3.02 3.04 3.06

Time-->

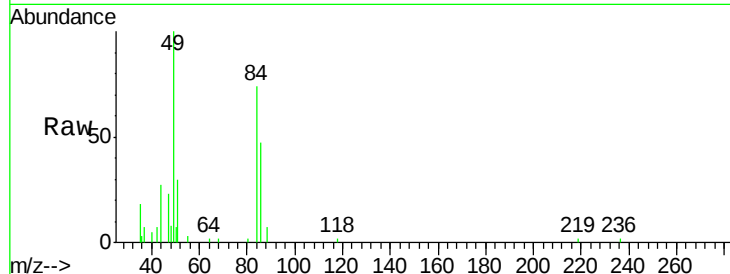




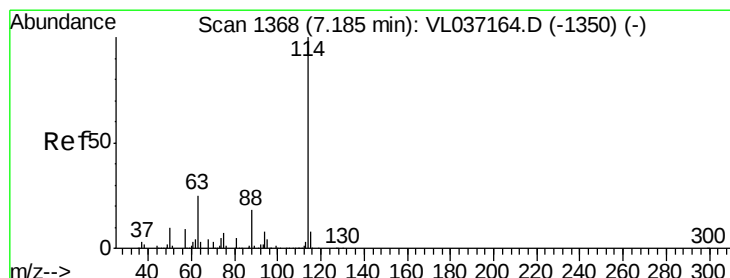
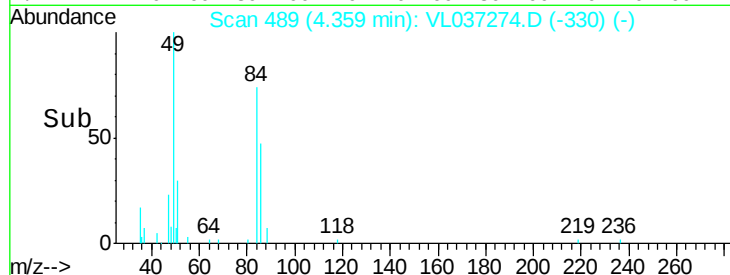
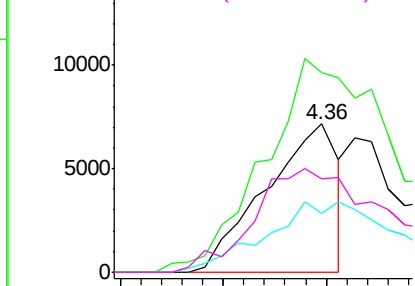
#20
Methylene Chloride
Concen: 0.084 ppbv
RT: 4.36 min Scan# 489
Delta R.T. 0.01 min
Lab File: VL037274.D
Acq: 2 Jul 2021 14:33

Instrument :
MSVOA_L
ClientSampleId :
QC070121 CAN 10280

Tgt Ion: 84 Resp: 7014
Ion Ratio Lower Upper
84 100
49 128.2 119.7 179.5
51 37.3 36.1 54.1
86 59.0 53.7 80.5

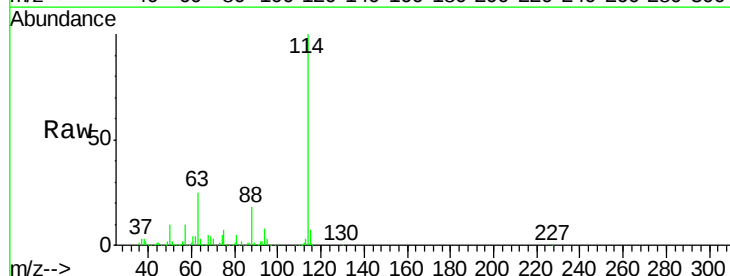


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

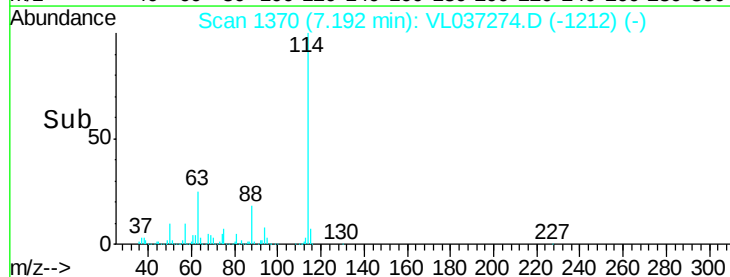
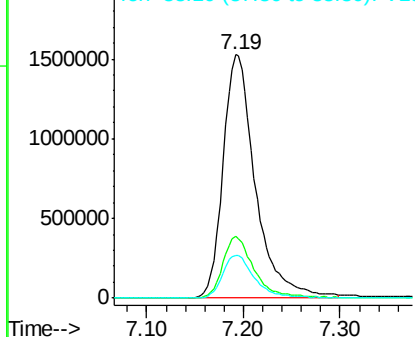


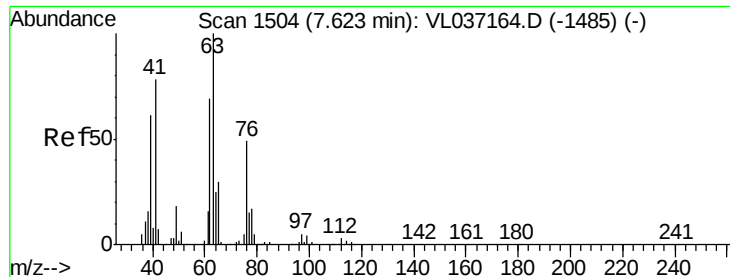
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1370
Delta R.T. 0.01 min
Lab File: VL037274.D
Acq: 2 Jul 2021 14:33

Tgt Ion: 114 Resp: 3551285
Ion Ratio Lower Upper
114 100
63 25.1 19.6 29.4
88 17.9 14.2 21.2



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

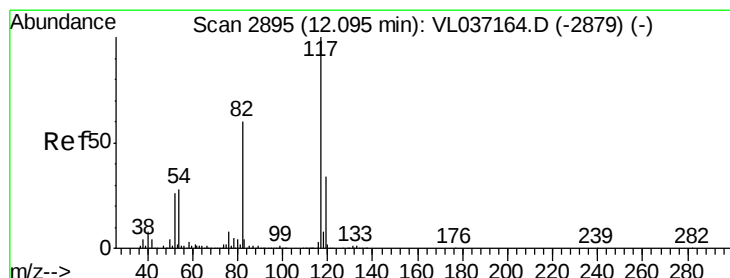
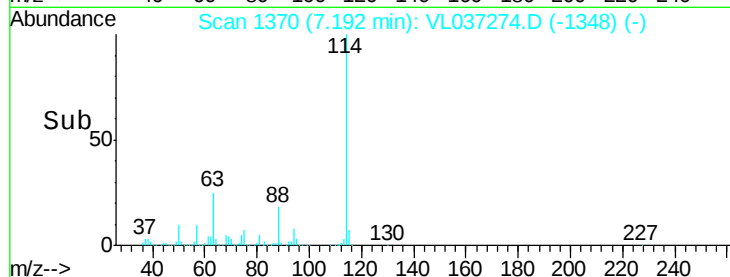
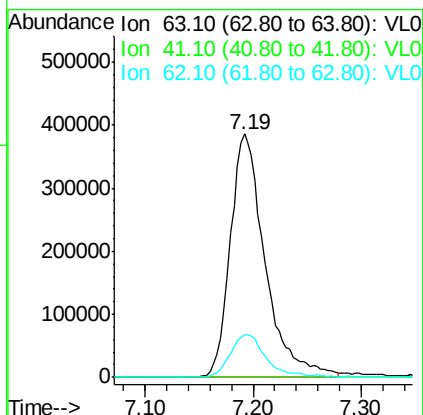
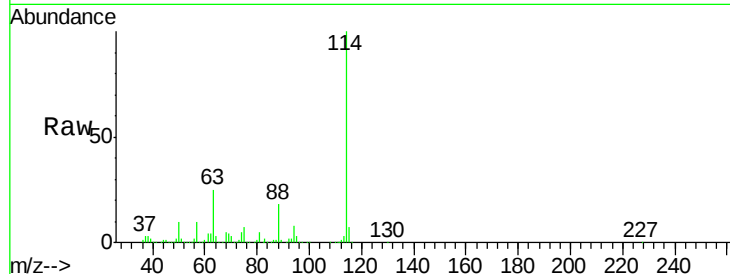




#39
 1,2-Dichloropropane
 Concen: 8.130 ppbv
 RT: 7.19 min Scan# 1370
 Delta R.T. -0.43 min
 Lab File: VL037274.D
 Acq: 2 Jul 2021 14:33

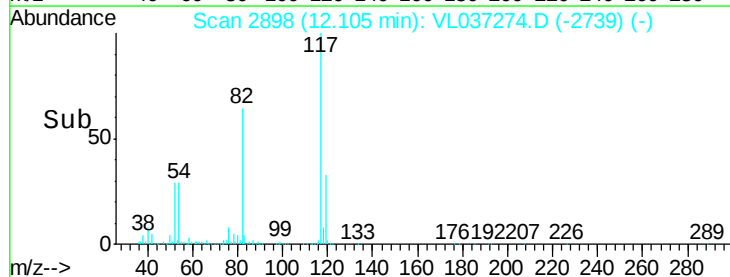
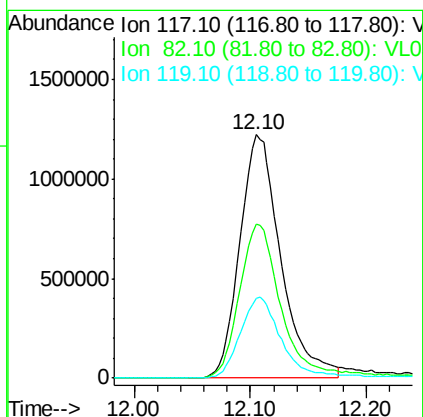
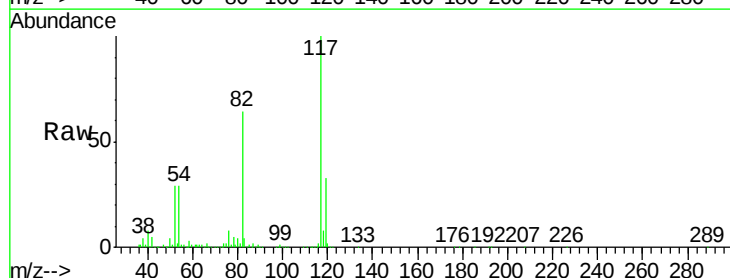
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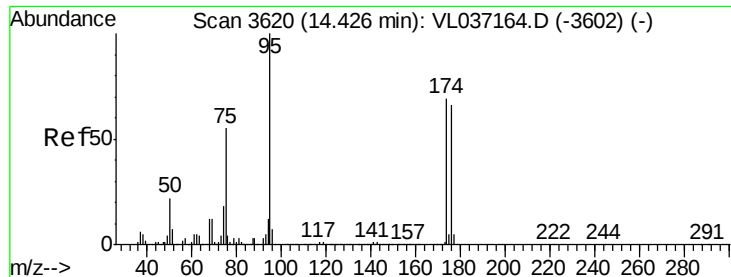
Tgt Ion: 63 Resp: 867547
 Ion Ratio Lower Upper
 63 100
 41 0.1 62.0 93.0#
 62 17.8 54.9 82.3#



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.10 min Scan# 2898
 Delta R.T. 0.01 min
 Lab File: VL037274.D
 Acq: 2 Jul 2021 14:33

Tgt Ion: 117 Resp: 3008435
 Ion Ratio Lower Upper
 117 100
 82 67.3 51.7 77.5
 119 34.8 47.6 71.4#





#68

1-Bromo-4-Fluorobenzene

Concen: 9.898 ppbv

RT: 14.44 min Scan# 3623

Delta R.T. 0.01 min

Lab File: VL037274.D

Acq: 2 Jul 2021 14:33

Instrument :

MSVOA_L

ClientSampleId :

QC070121 CAN 10280

Tgt Ion: 95 Resp: 2256363

Ion Ratio Lower Upper

95 100

174 74.6 57.0 85.4

175 5.5 4.4 6.6

