

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL012221\
 Data File : VL036265.D
 Acq On : 22 Jan 2021 13:53
 Operator : SY/AP
 Sample : OC122920 CAN 10268
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC122920 CAN 10268

Quant Time: Jan 23 04:35:02 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL011321AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jan 14 16:13:38 2021
 QLast Update : Thu Jan 14 16:13:38 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1517678	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.20	114	3268578	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.11	117	2973219	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	2499549	10.16	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.60%

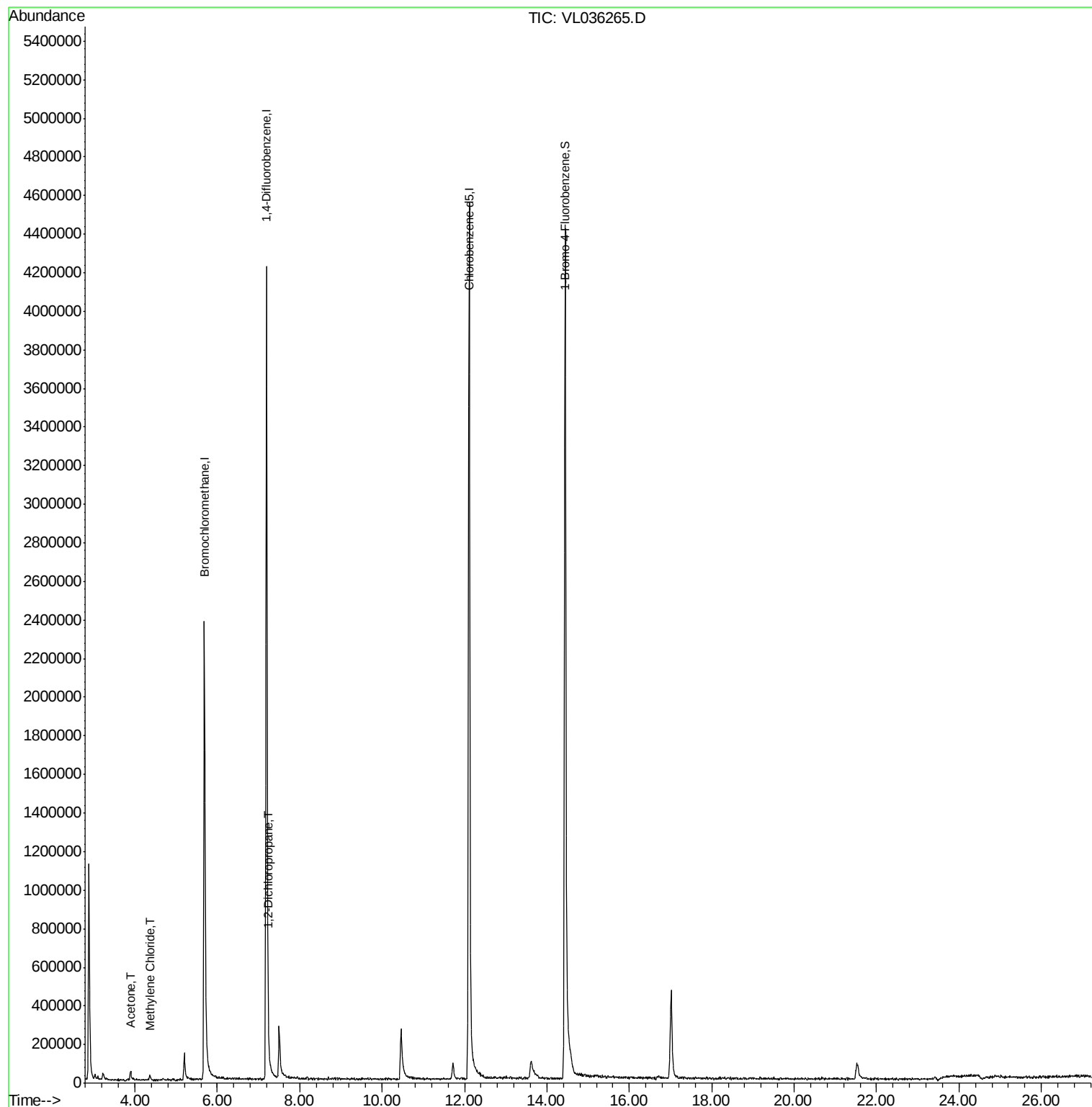
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.88	43	16697	0.090	ppbv #	49
20) Methylene Chloride	4.36	84	4062	0.068	ppbv #	30
39) 1,2-Dichloropropane	7.24	63	22081	0.182	ppbv #	21

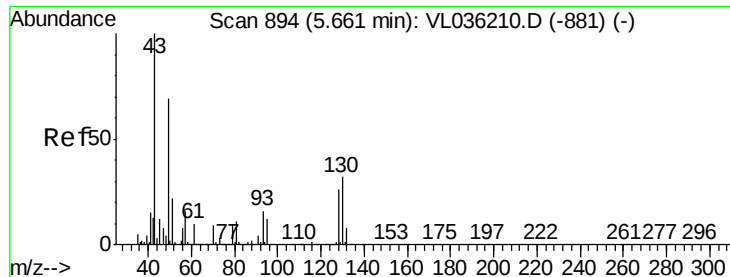
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jan 14 16:13:38 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 901

Delta R.T. 0.02 min

Lab File: VL036265.D

Acq: 22 Jan 2021 13:53

Instrument :

MSVOA_L

ClientSampleId :

QC122920 CAN 10268

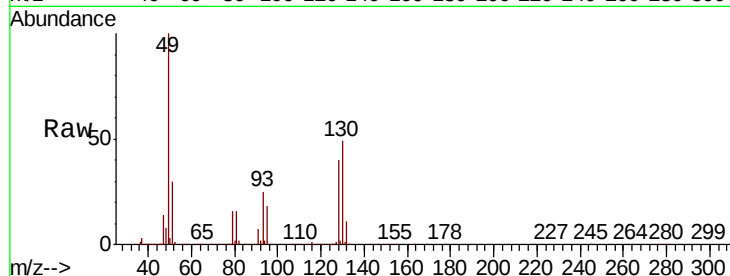
Tot Ion: 49 Resp: 1517678

Ion Ratio Lower Upper

49 100

128 41.6 20.1 60.2

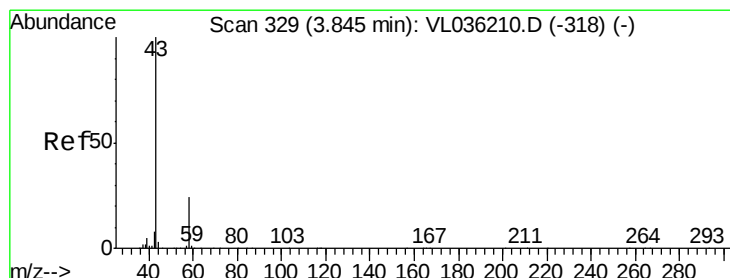
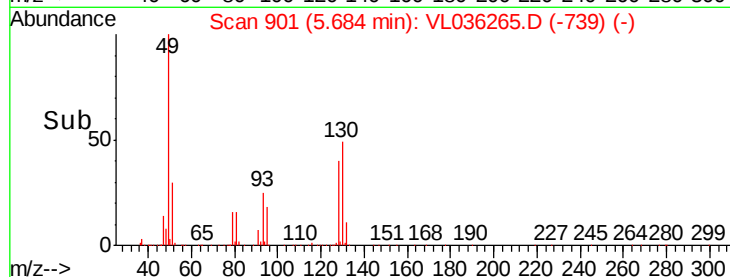
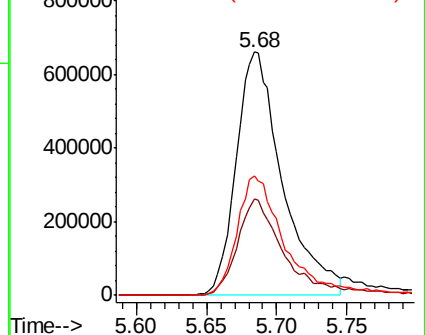
130 51.7 25.3 75.9



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



#15

Acetone

Concen: 0.090 ppbv

RT: 3.88 min Scan# 341

Delta R.T. 0.04 min

Lab File: VL036265.D

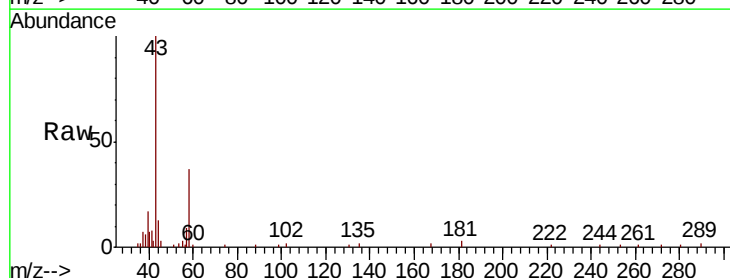
Acq: 22 Jan 2021 13:53

Tgt Ion: 43 Resp: 16697

Ion Ratio Lower Upper

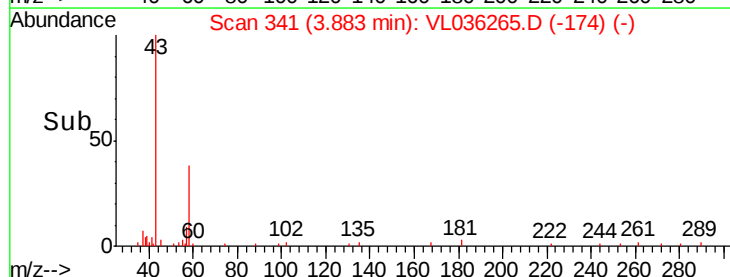
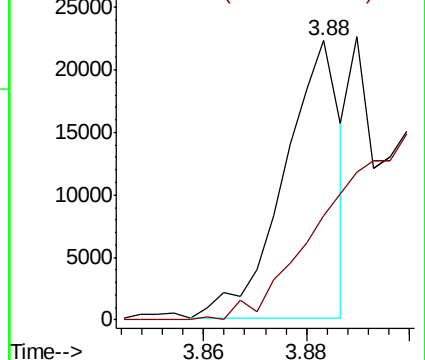
43 100

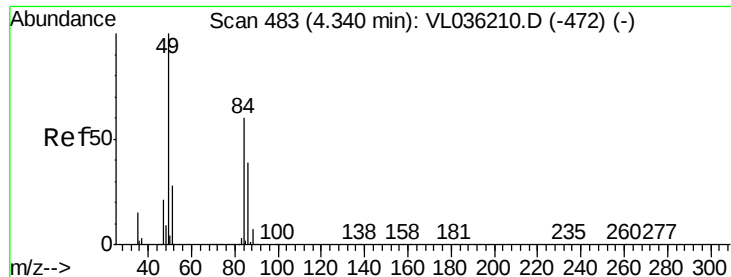
58 0.0 20.9 31.3#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

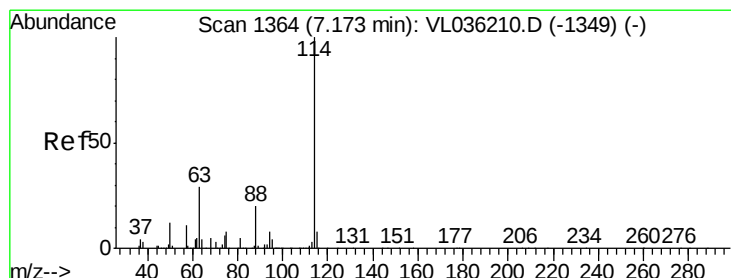
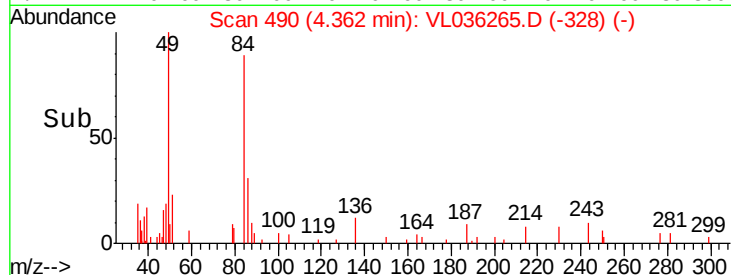
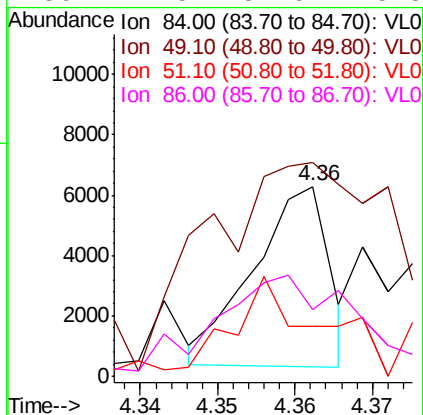
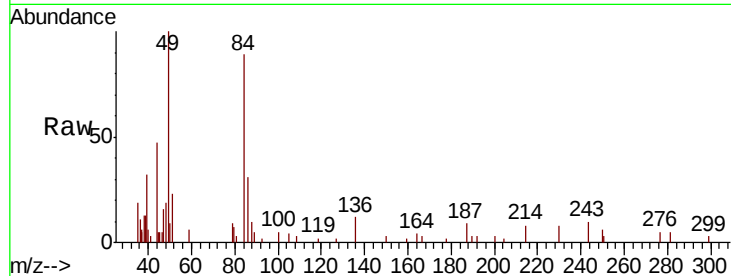




#20
Methvlene Chloride
Concen: 0.068 ppbv
RT: 4.36 min Scan# 490
Delta R.T. 0.02 min
Lab File: VL036265.D
Acq: 22 Jan 2021 13:53

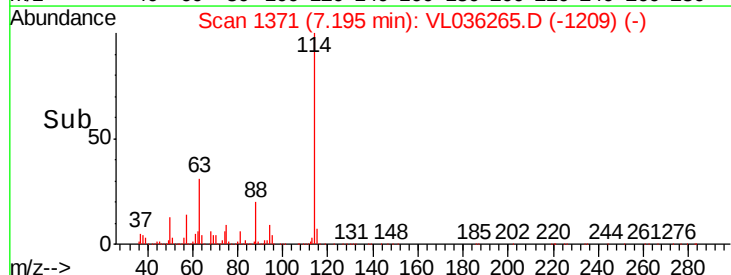
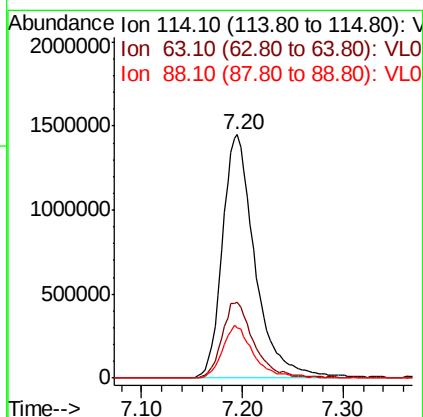
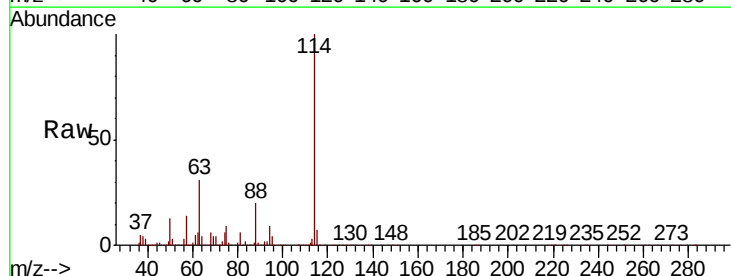
Instrument :
MSVOA_L
ClientSampleId :
QC122920 CAN 10268

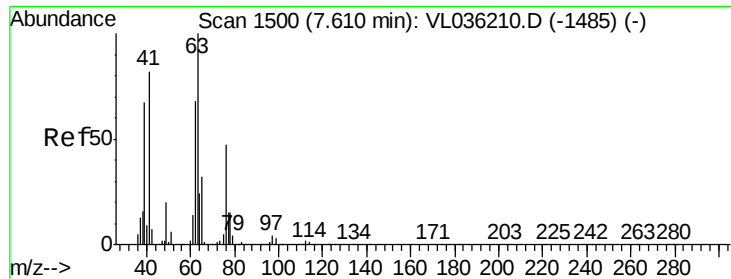
Tot Ion: 84 Resp: 4062
Ion Ratio Lower Upper
84 100
49 45.4 134.1 201.1#
51 25.6 37.4 56.0#
86 27.5 52.6 78.8#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.20 min Scan# 1371
Delta R.T. 0.02 min
Lab File: VL036265.D
Acq: 22 Jan 2021 13:53

Tgt Ion: 114 Resp: 3268578
Ion Ratio Lower Upper
114 100
63 31.2 24.7 37.1
88 20.5 16.6 24.8





#39

1,2-Dichloropropane

Concen: 0.182 ppbv

RT: 7.24 min Scan# 1385

Delta R.T. -0.37 min

Lab File: VL036265.D

Acq: 22 Jan 2021 13:53

Instrument :

MSVOA_L

ClientSampleId :

QC122920 CAN 10268

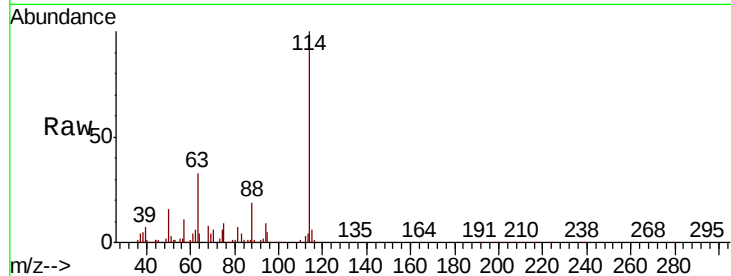
Tot Ion: 63 Resp: 22081

Ion Ratio Lower Upper

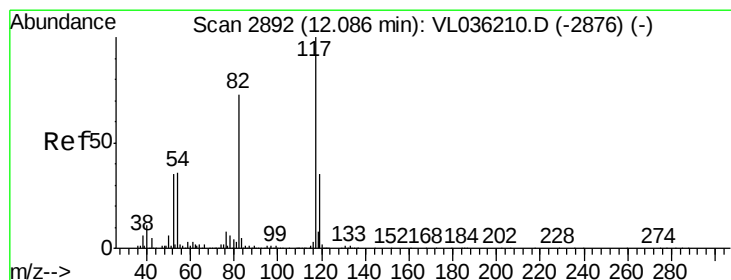
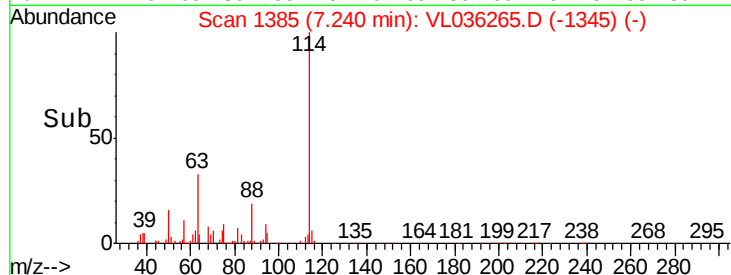
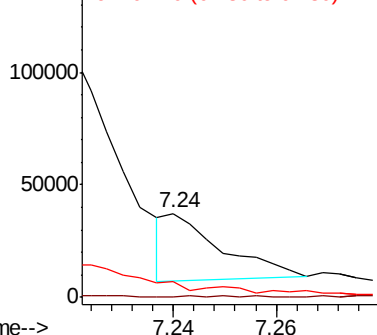
63 100

41 0.8 66.1 99.1#

62 15.6 54.8 82.2#



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: 10.000 ppbv

RT: 12.11 min Scan# 2899

Delta R.T. 0.02 min

Lab File: VL036265.D

Acq: 22 Jan 2021 13:53

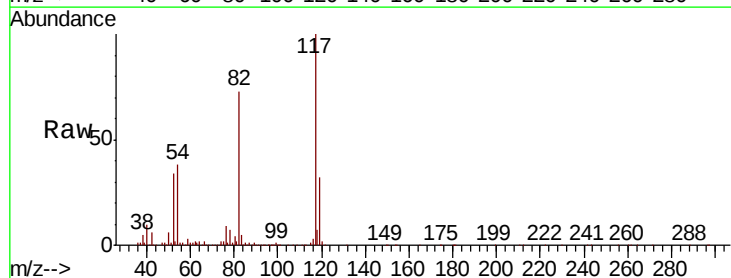
Tgt Ion: 117 Resp: 2973219

Ion Ratio Lower Upper

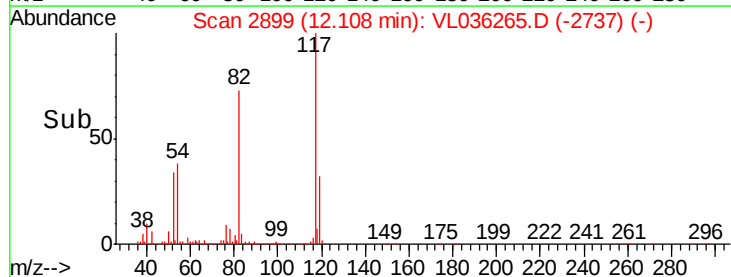
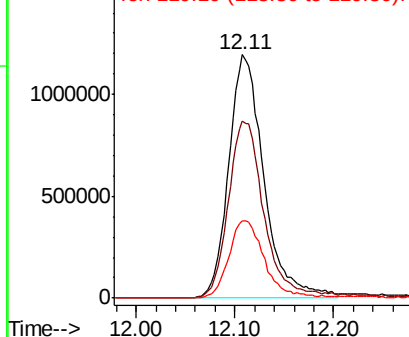
117 100

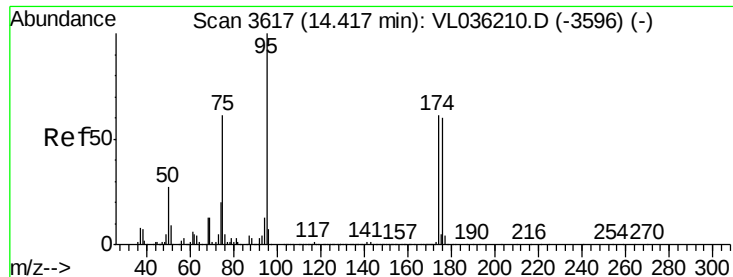
82 76.3 59.7 89.5

119 32.7 28.6 43.0



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: 10.157 ppbv

RT: 14.44 min Scan# 3625

Delta R.T. 0.03 min

Lab File: VL036265.D

Acq: 22 Jan 2021 13:53

Instrument :

MSVOA_L

ClientSampleId :

QC122920 CAN 10268

Tot Ion: 95 Resp: 2499549

Ion Ratio Lower Upper

95 100

174 61.2 49.4 74.0

175 4.4 3.8 5.8

