

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030121\
 Data File : VL036421.D
 Acq On : 1 Mar 2021 19:08
 Operator : SY/AP
 Sample : OC022321 CAN 10727
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Mar 02 02:42:57 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL021021AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Feb 10 16:04:02 2021
 QLast Update : Wed Feb 10 16:04:02 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1666177	10.00	ppbv	0.03
33) 1,4-Difluorobenzene	7.19	114	3582365	10.00	ppbv	0.03
55) Chlorobenzene-d5	12.10	117	3258617	10.00	ppbv	0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	2610027	9.73	ppbv	0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.30%

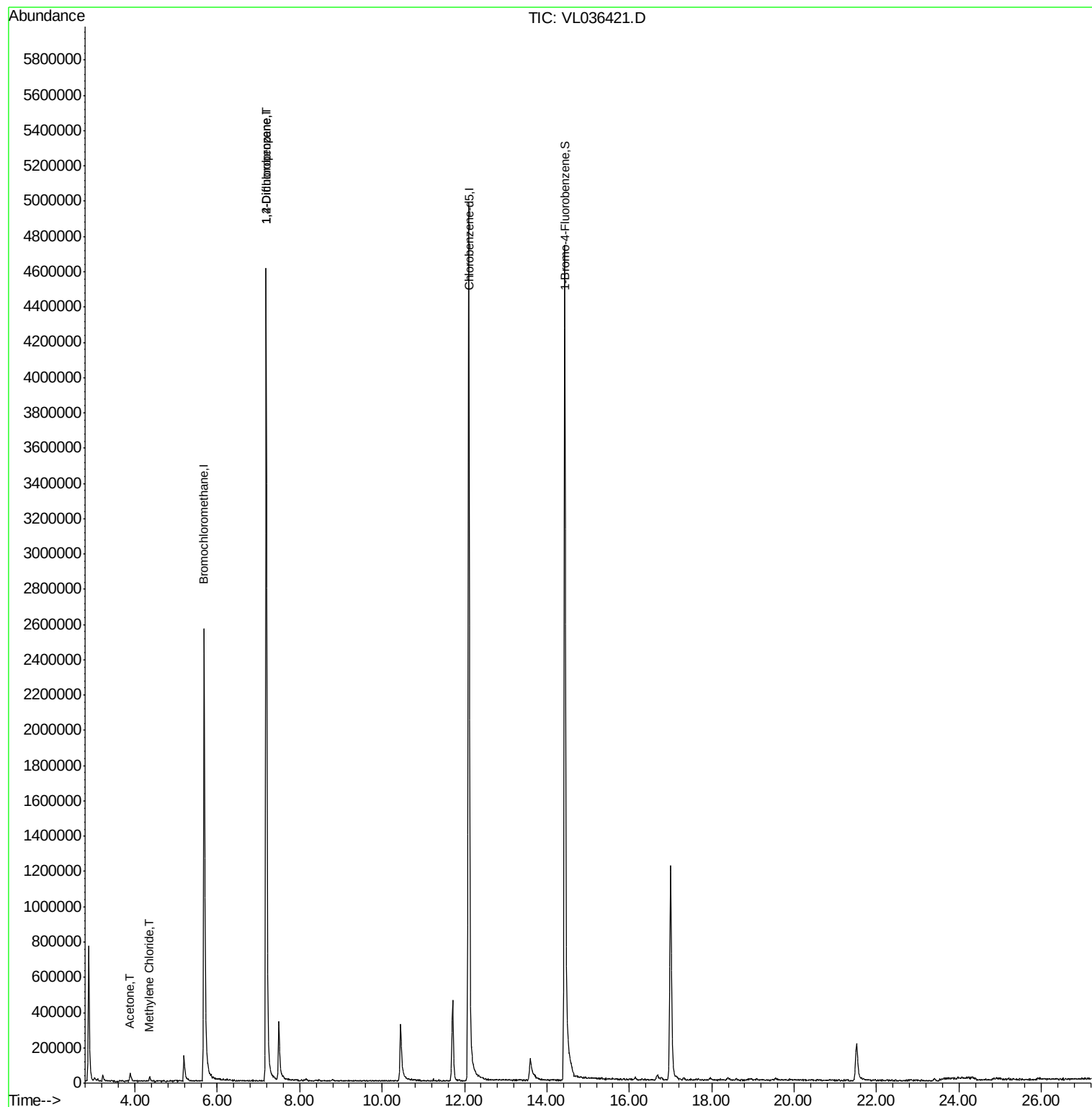
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.88	43	31999	0.157	ppbv #	1
20) Methylene Chloride	4.34	84	2770	0.042	ppbv #	38
39) 1,2-Dichloropropane	7.19	63	1032706	8.354	ppbv #	22

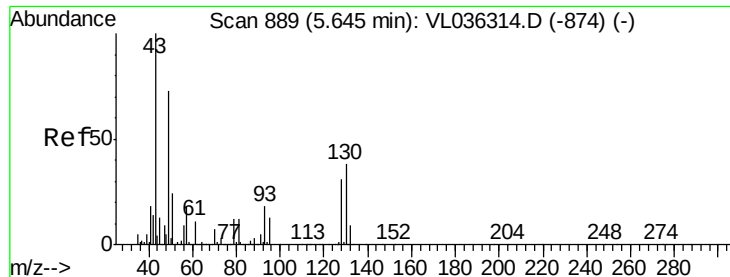
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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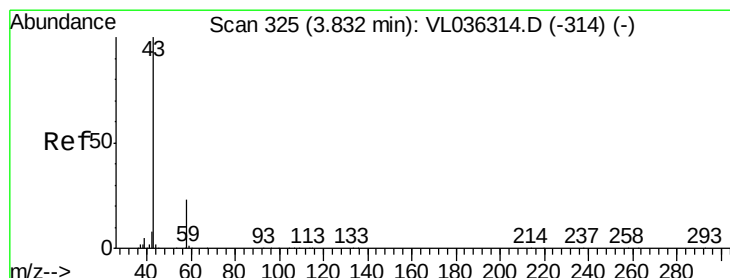
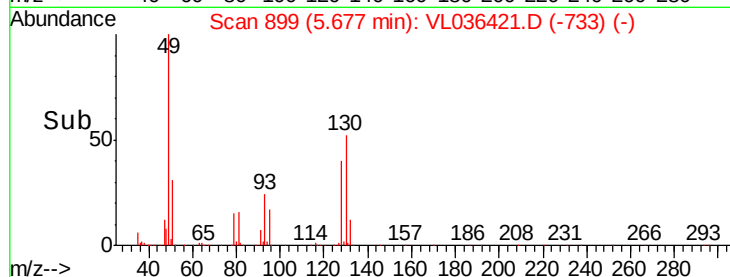
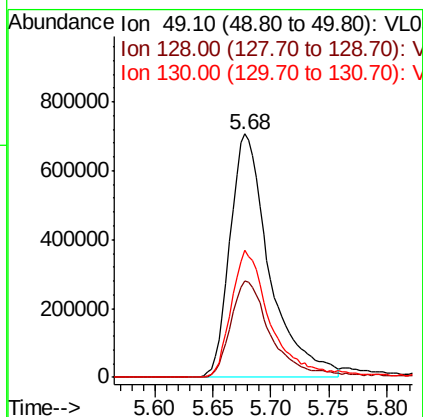
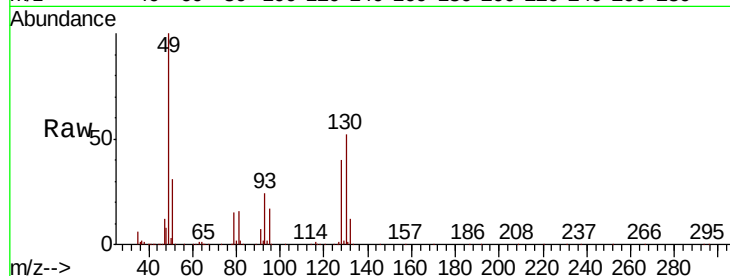




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.68 min Scan# 899
 Delta R.T. 0.03 min
 Lab File: VL036421.D
 Acq: 1 Mar 2021 19:08

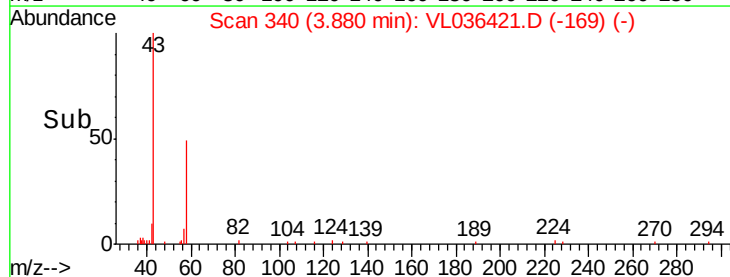
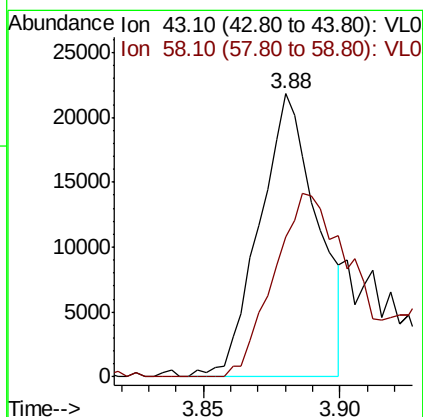
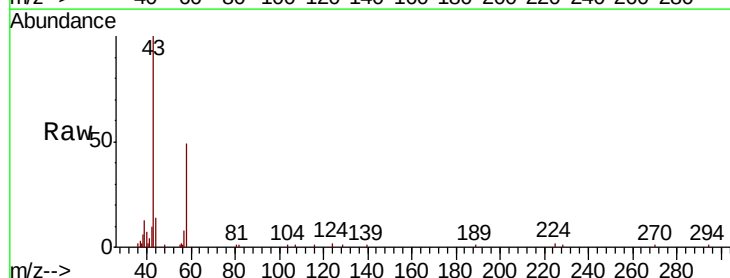
Instrument :
 MSVOA_L
 ClientSampleId :

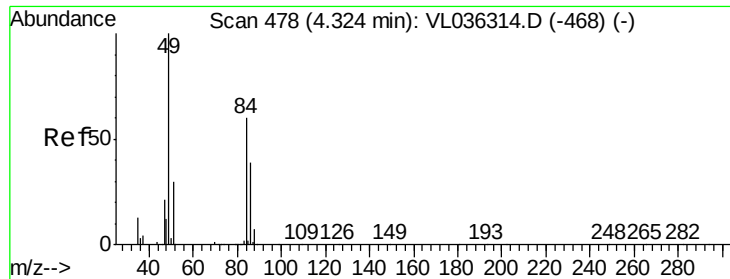
Tot Ion: 49 Resp: 1666177
 Ion Ratio Lower Upper
 49 100
 128 41.6 20.8 62.5
 130 53.8 26.7 80.1



#15
 Acetone
 Concen: 0.157 ppbv
 RT: 3.88 min Scan# 340
 Delta R.T. 0.05 min
 Lab File: VL036421.D
 Acq: 1 Mar 2021 19:08

Tgt Ion: 43 Resp: 31999
 Ion Ratio Lower Upper
 43 100
 58 116.0 20.3 30.5#

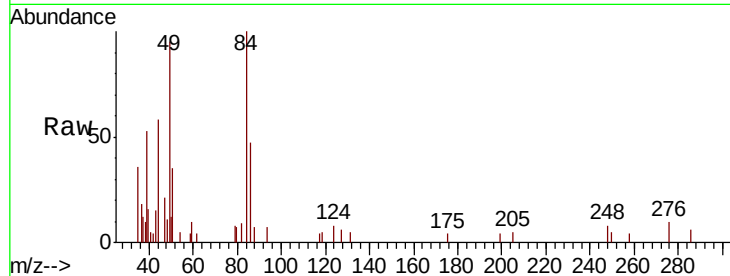




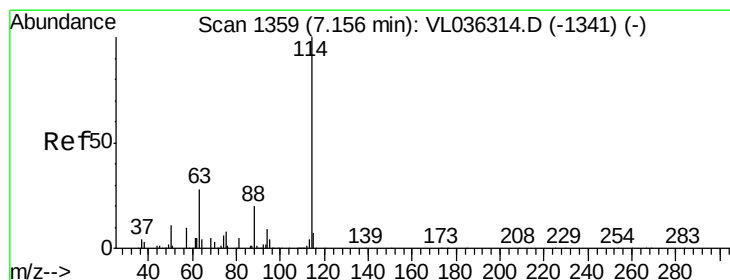
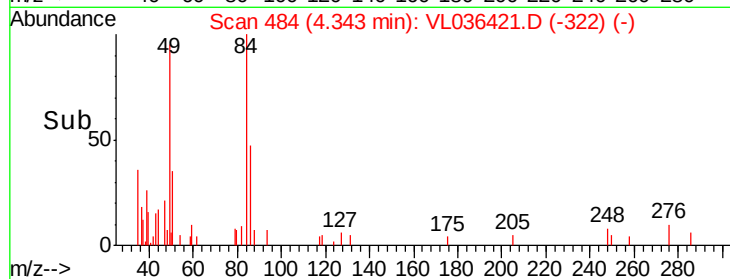
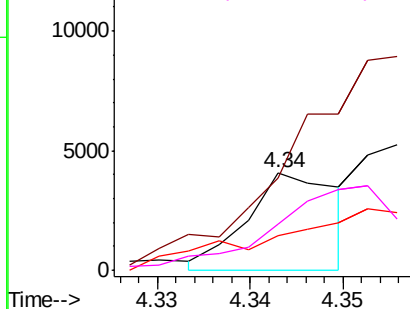
#20
Methylene Chloride
Concen: 0.042 ppbv
RT: 4.34 min Scan# 484
Delta R.T. 0.02 min
Lab File: VL036421.D
Acq: 1 Mar 2021 19:08

Instrument :
MSVOA_L
ClientSampled :

Tot Ion: 84 Resp: 2770
Ion Ratio Lower Upper
84 100
49 63.6 133.8 200.8#
51 18.0 41.4 62.0#
86 36.4 51.5 77.3#

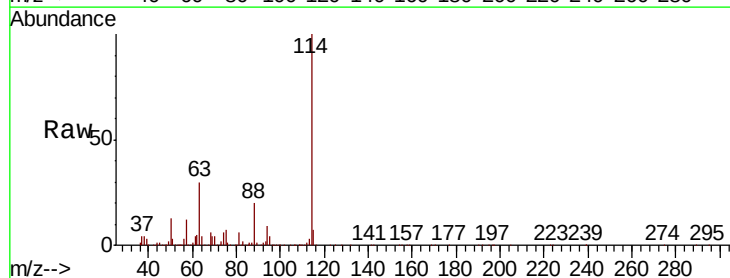


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

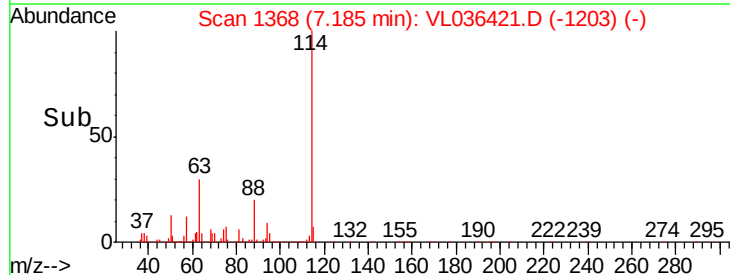
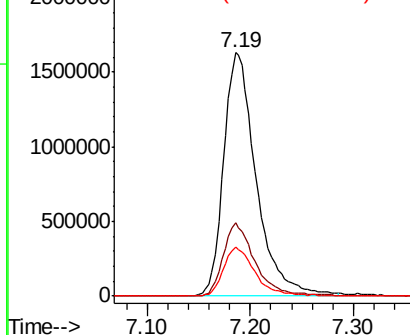


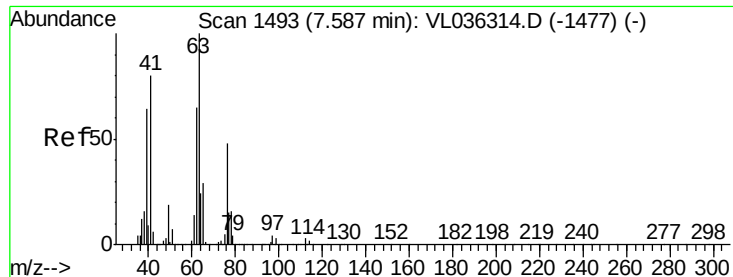
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1368
Delta R.T. 0.03 min
Lab File: VL036421.D
Acq: 1 Mar 2021 19:08

Tgt Ion: 114 Resp: 3582365
Ion Ratio Lower Upper
114 100
63 29.5 24.1 36.1
88 19.8 16.0 24.0



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: 8.354 ppbv

RT: 7.19 min Scan# 1368

Delta R.T. -0.40 min

Lab File: VL036421.D

Acq: 1 Mar 2021 19:08

Instrument :

MSVOA_L

ClientSampleId :

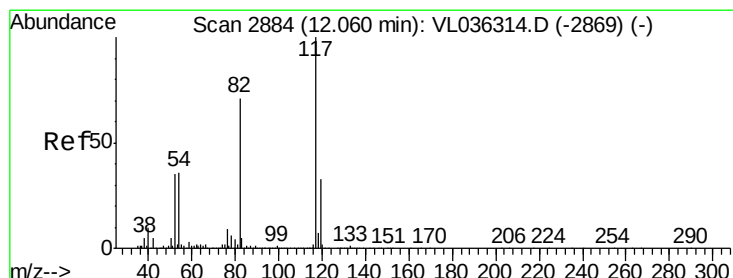
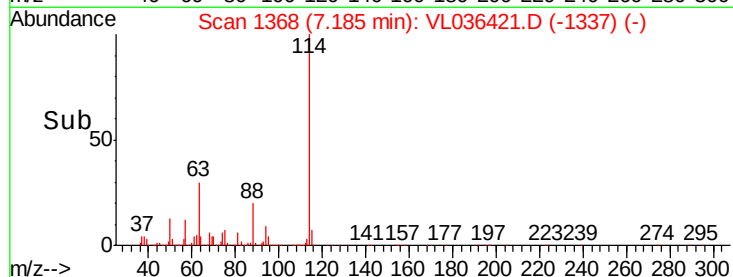
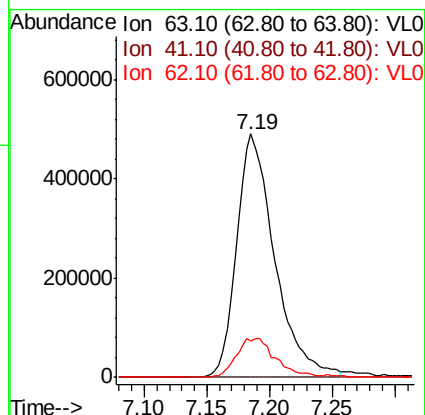
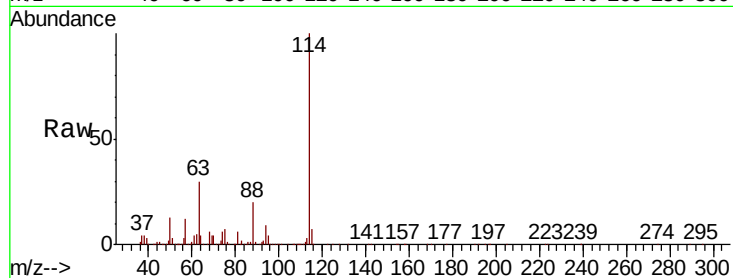
Tot Ion: 63 Resp: 1032706

Ion Ratio Lower Upper

63 100

41 0.0 63.8 95.6#

62 15.0 52.3 78.5#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.10 min Scan# 2897

Delta R.T. 0.04 min

Lab File: VL036421.D

Acq: 1 Mar 2021 19:08

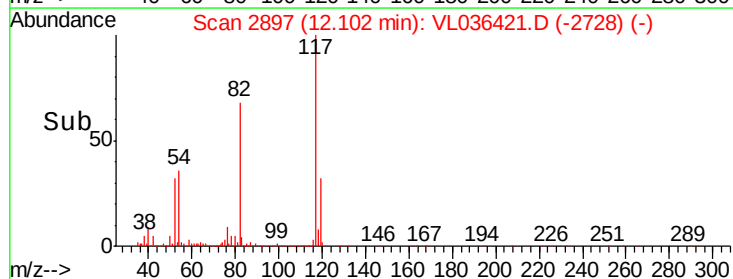
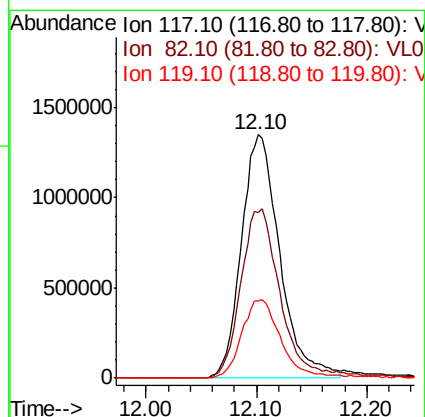
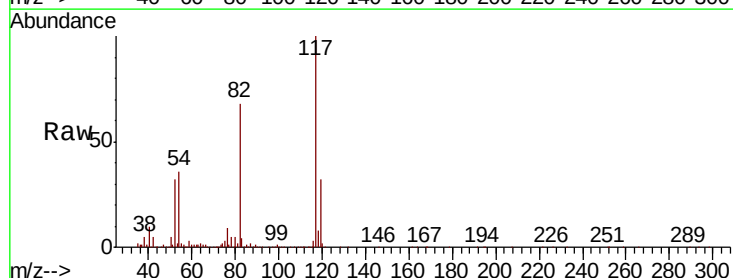
Tgt Ion: 117 Resp: 3258617

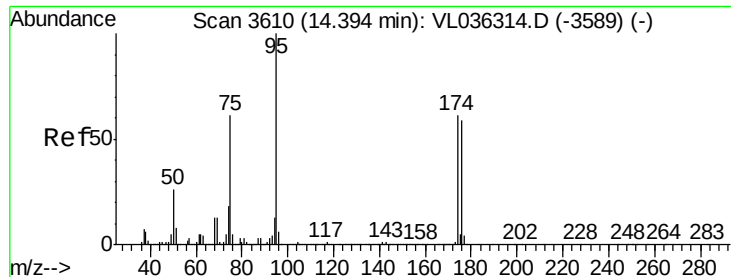
Ion Ratio Lower Upper

117 100

82 73.4 59.1 88.7

119 33.5 46.3 69.5#





#68

1-Bromo-4-Fluorobenzene

Concen: 9.735 ppbv

RT: 14.44 min Scan# 3623

Delta R.T. 0.04 min

Lab File: VL036421.D

Acq: 1 Mar 2021 19:08

Instrument :

MSVOA_L

ClientSampleId :

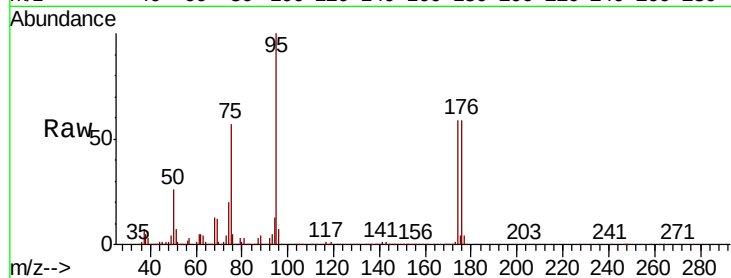
Tot Ion: 95 Resp: 2610027

Ion Ratio Lower Upper

95 100

174 63.8 49.8 74.6

175 4.4 3.7 5.5



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

