

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051420\
 Data File : VL035019.D
 Acq On : 14 May 2020 13:54
 Operator : SY/AP
 Sample : VL0514ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: May 15 01:06:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050620AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed May 06 14:49:39 2020
 QLast Update : Wed May 06 14:49:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1011446	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	2325398	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.10	117	2213007	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	1882488	10.51	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.10%

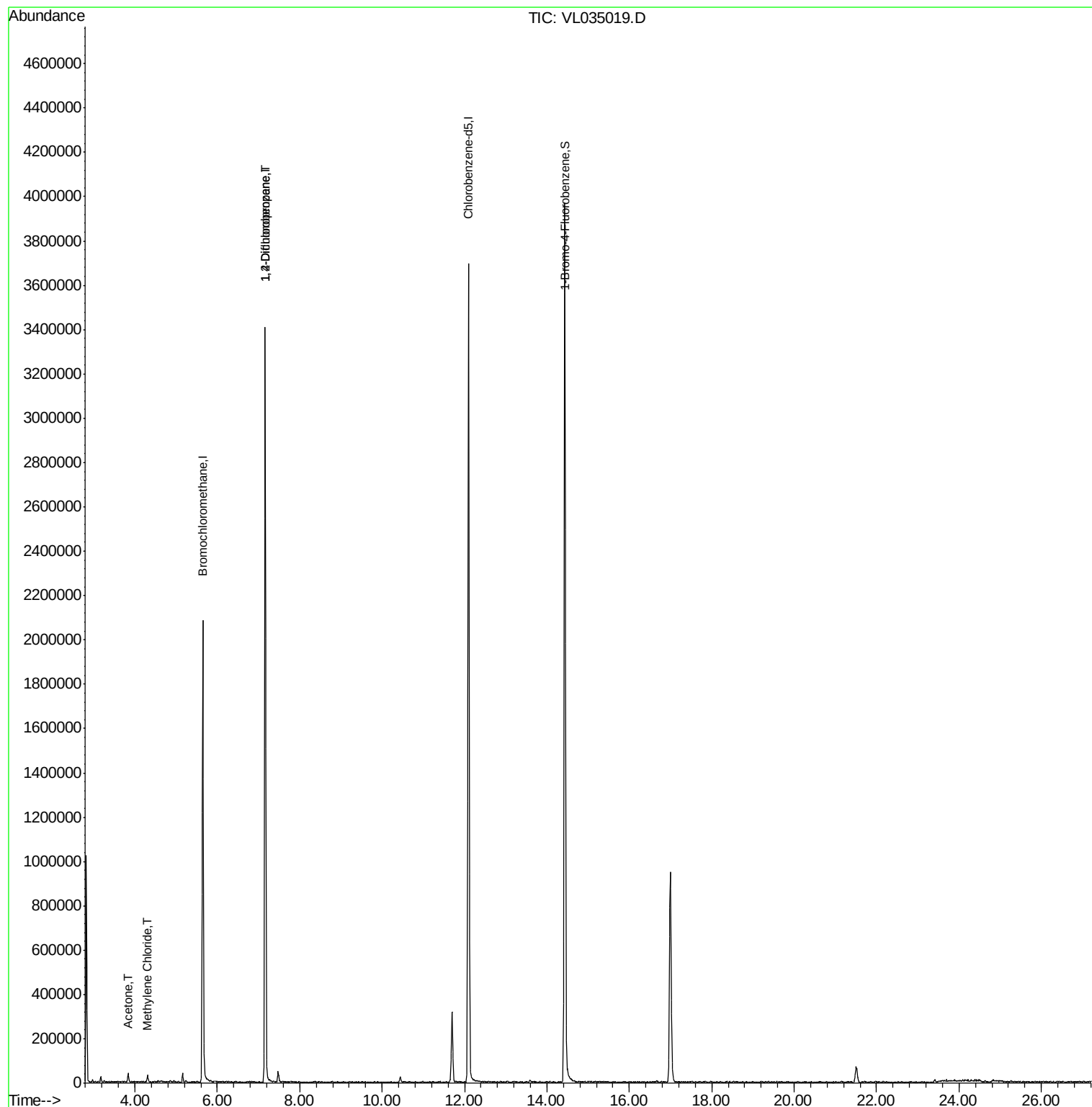
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.83	43	35110	0.263	ppbv #	57
20) Methylene Chloride	4.31	84	3982	0.090	ppbv #	50
39) 1,2-Dichloropropane	7.17	63	643456	8.372	ppbv #	24

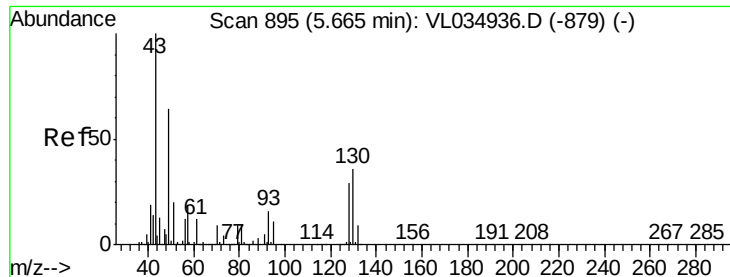
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: May 15 01:06:29 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL050620AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed May 06 14:49:39 2020
QLast Update : Wed May 06 14:49:39 2020
Response via : Initial Calibration

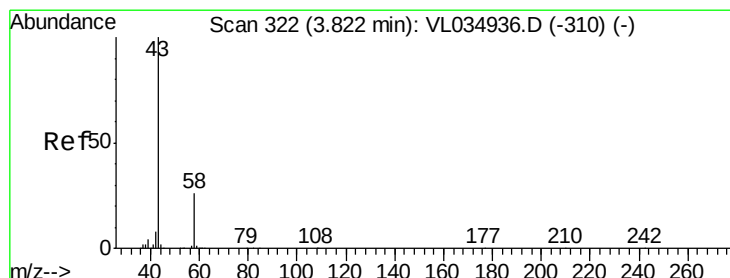
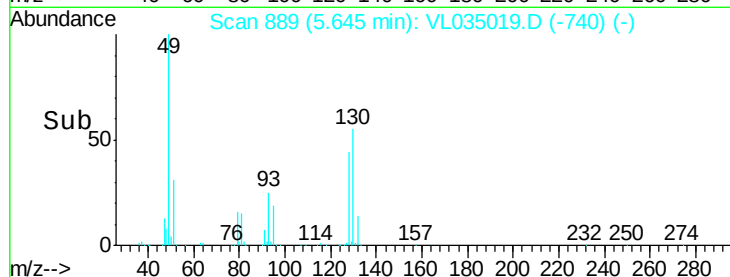
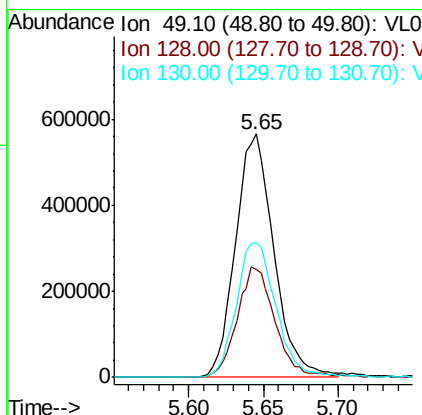
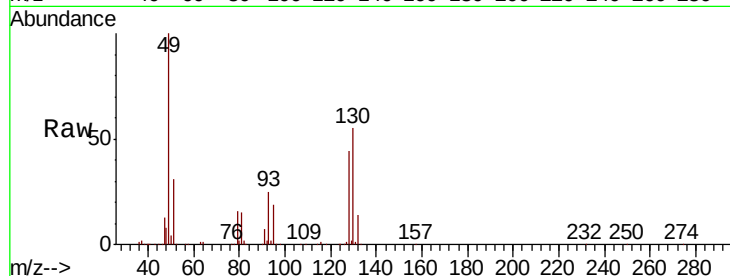




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.65 min Scan# 889
 Delta R.T. -0.02 min
 Lab File: VL035019.D
 Acq: 14 May 2020 13:54

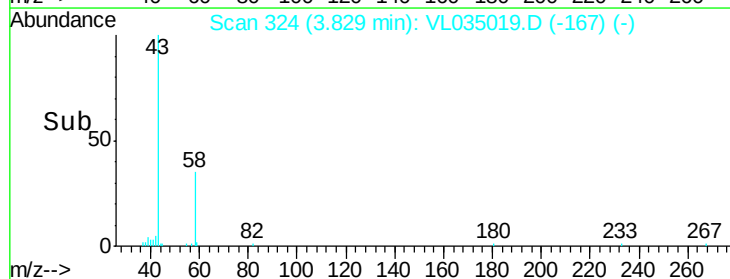
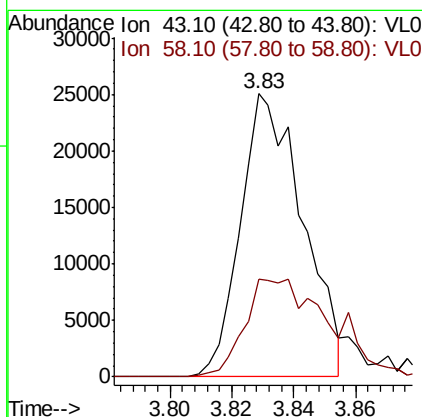
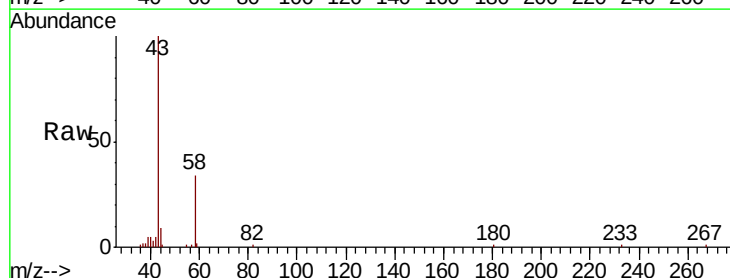
Instrument :
 MSVOA_L
 ClientSampled :

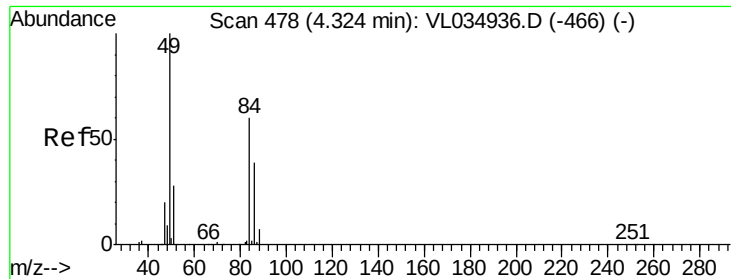
Tot Ion: 49 Resp: 1011446
 Ion Ratio Lower Upper
 49 100
 128 45.1 22.1 66.5
 130 57.5 29.1 87.3



#15
 Acetone
 Concen: 0.263 ppbv
 RT: 3.83 min Scan# 324
 Delta R.T. 0.01 min
 Lab File: VL035019.D
 Acq: 14 May 2020 13:54

Tgt Ion: 43 Resp: 35110
 Ion Ratio Lower Upper
 43 100
 58 49.3 21.7 32.5#

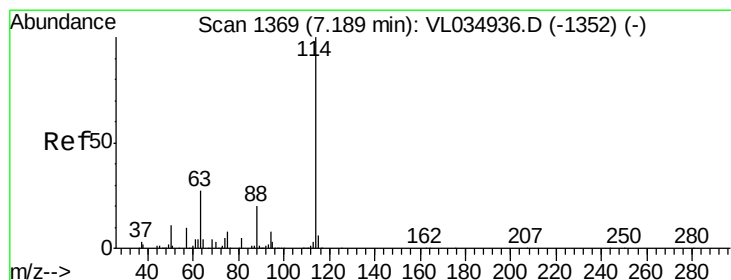
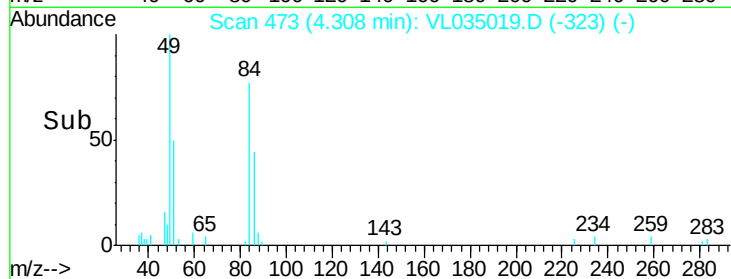
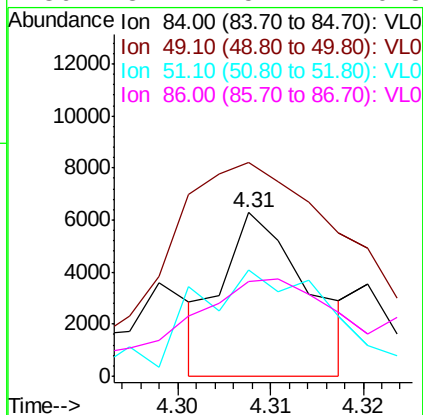
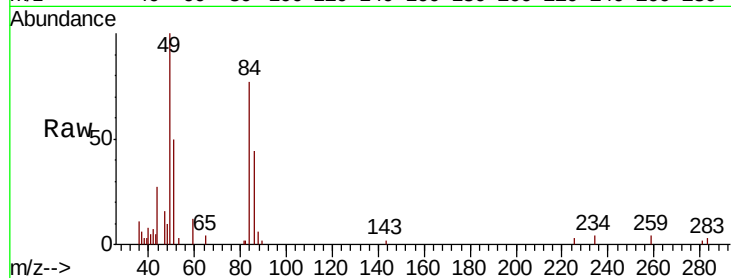




#20
Methylene Chloride
Concen: 0.090 ppbv
RT: 4.31 min Scan# 473
Delta R.T. -0.02 min
Lab File: VL035019.D
Acq: 14 May 2020 13:54

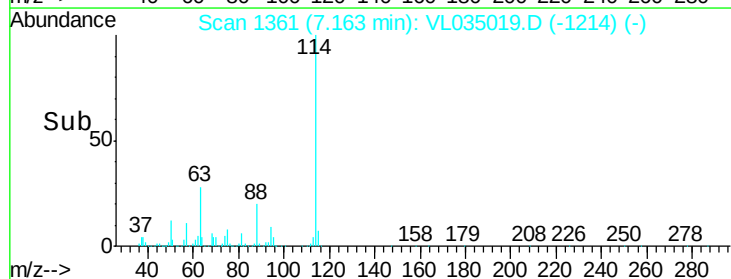
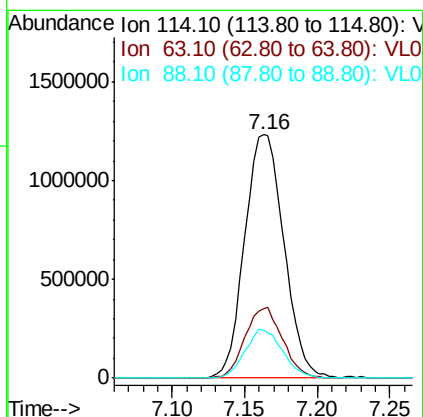
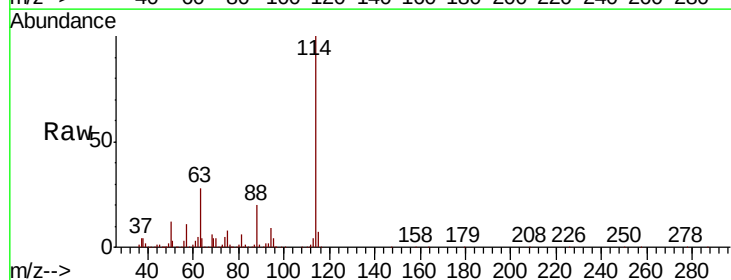
Instrument :
MSVOA_L
ClientSampleId :

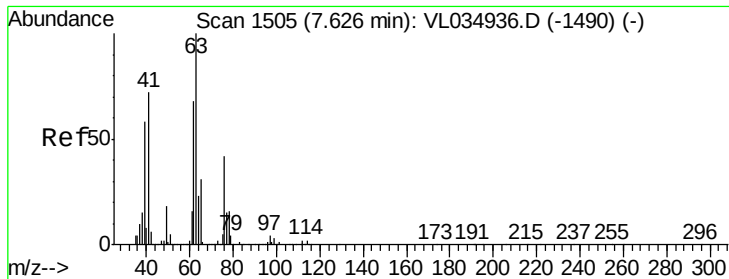
Tot Ion:	84	Resp:	3982
Ion	Ratio	Lower	Upper
84	100		
49	71.5	132.5	198.7#
51	51.3	38.4	57.6
86	37.4	51.2	76.8#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1361
Delta R.T. -0.03 min
Lab File: VL035019.D
Acq: 14 May 2020 13:54

Tgt Ion:	114	Resp:	2325398
Ion	Ratio	Lower	Upper
114	100		
63	27.8	22.2	33.4
88	19.3	15.5	23.3





#39

1,2-Dichloropropane

Concen: 8.372 ppbv

RT: 7.17 min Scan# 1362

Delta R.T. -0.46 min

Lab File: VL035019.D

Acq: 14 May 2020 13:54

Instrument :

MSVOA_L

ClientSampleId :

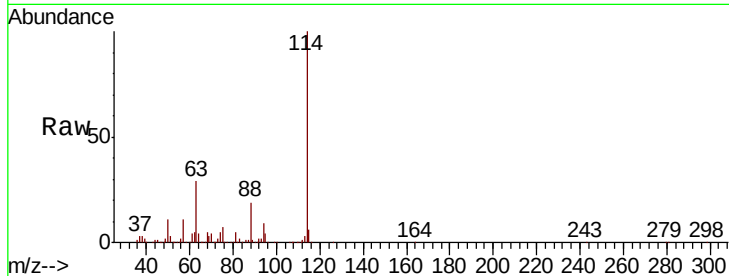
Tot Ion: 63 Resp: 643456

Ion Ratio Lower Upper

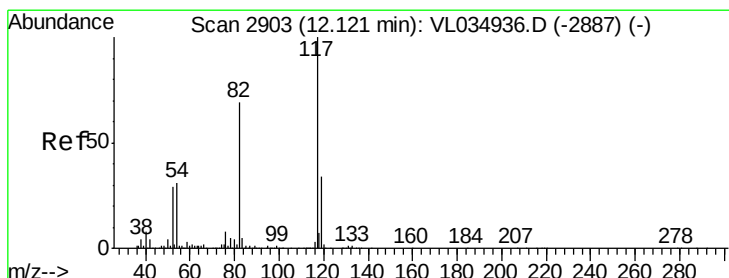
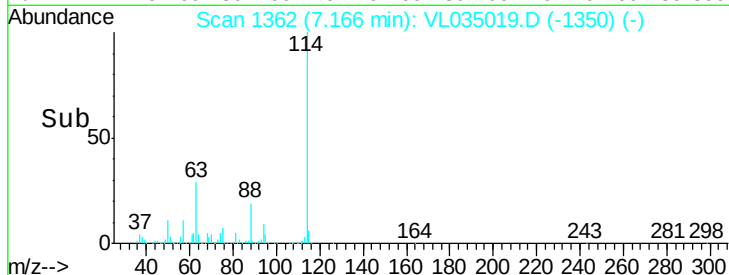
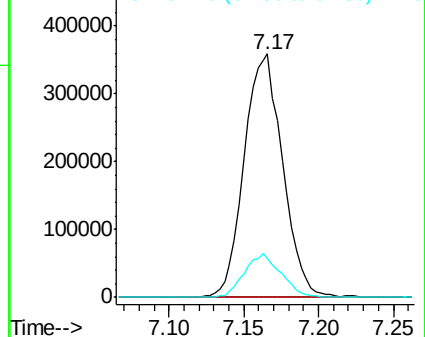
63 100

41 0.0 57.8 86.8#

62 16.1 54.2 81.2#



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: 12.10 min Scan# 2896

Delta R.T. -0.02 min

Lab File: VL035019.D

Acq: 14 May 2020 13:54

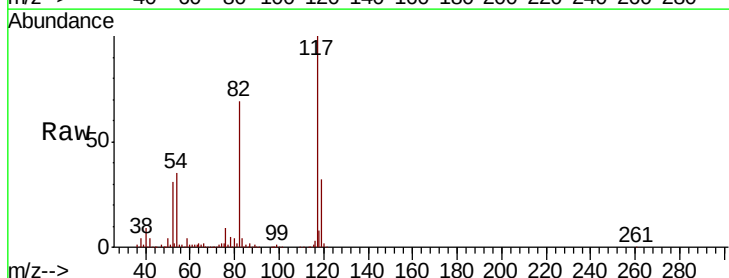
Tgt Ion: 117 Resp: 2213007

Ion Ratio Lower Upper

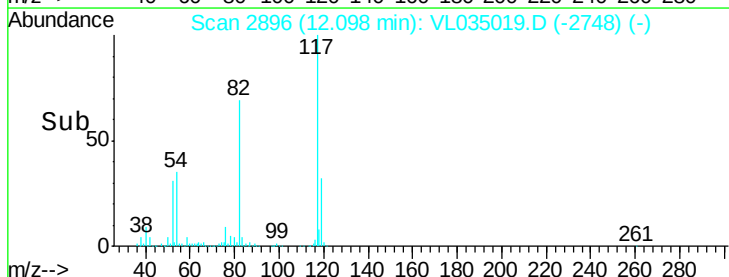
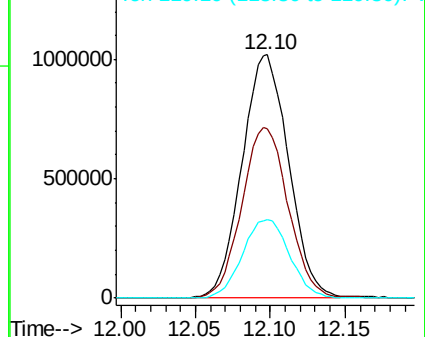
117 100

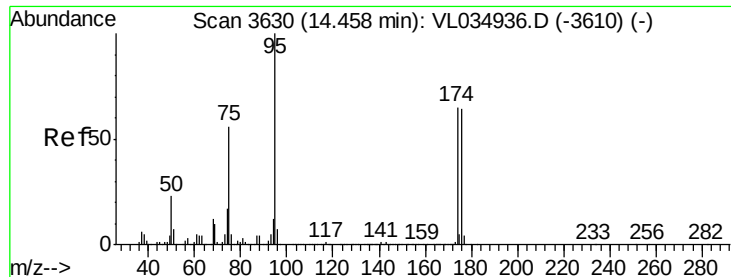
82 70.3 53.1 79.7

119 32.8 26.7 40.1



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: 10.509 ppbv

RT: 14.43 min Scan# 3622

Delta R.T. -0.03 min

Lab File: VL035019.D

Acq: 14 May 2020 13:54

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion: 95 Resp: 1882488

Ion Ratio Lower Upper

95 100

174 63.8 51.5 77.3

175 4.7 3.8 5.8

