

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051220\
 Data File : VL035000.D
 Acq On : 12 May 2020 23:35
 Operator : SY/AP
 Sample : L2567-06DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 AA-1DL

Manual Integrations
 APPROVED

MMDadoda
 5/13/2020 5:12:32 PM

Quant Time: May 13 06:38:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050620AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed May 0
 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	974258	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	2278219	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.10	117	2090278	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	1731789	10.24	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.58	45	8490m	0.533	ppbv	
15) Acetone	3.84	43	45802	0.356	ppbv #	87
20) Methylene Chloride	4.31	84	10825m	0.254	ppbv	
26) Hexane	5.67	57	31180	0.332	ppbv #	41

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

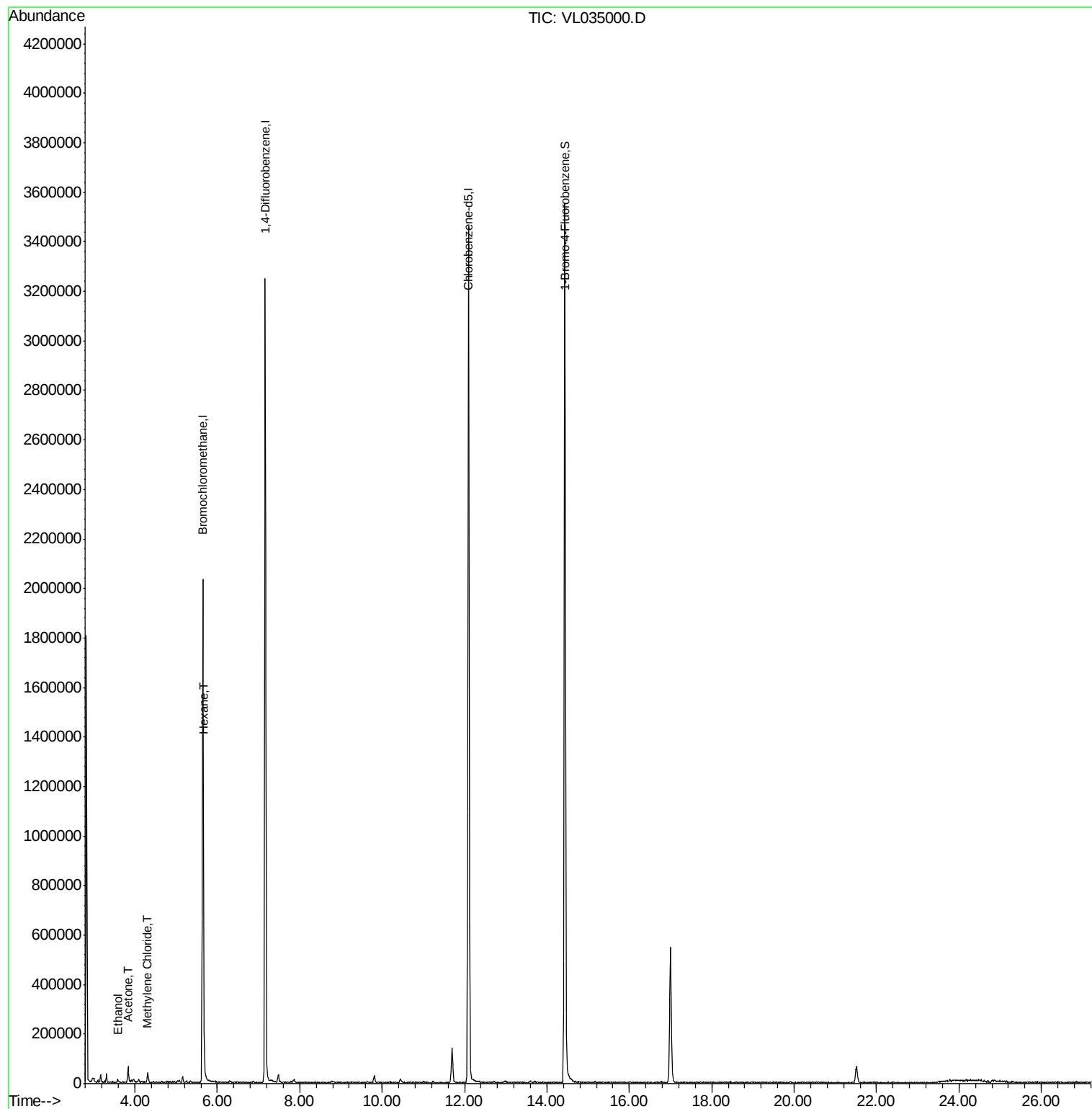
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL051220\
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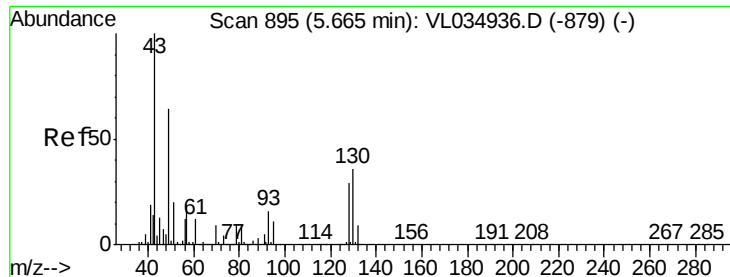
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL050620AIR.M
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QLast Update : Wed May 06 14:49:39 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 889

Delta R.T. -0.02 min

Lab File: VL035000.D

Acq: 12 May 2020 23:35

Instrument :

MSVOA_L

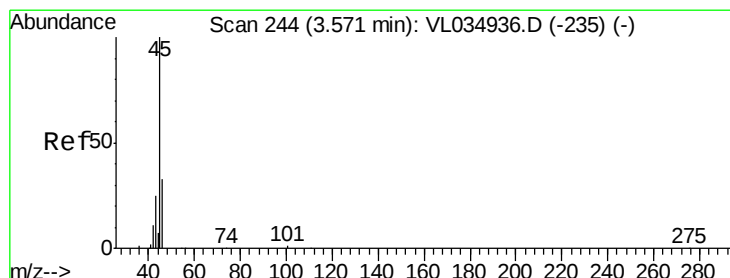
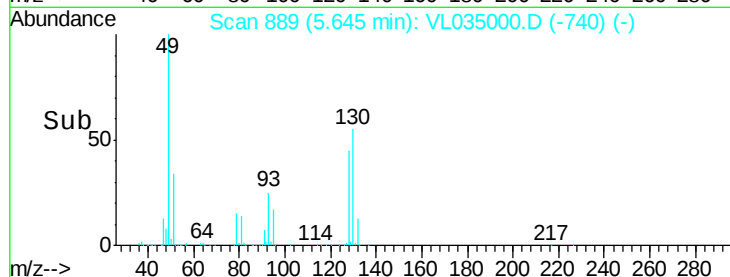
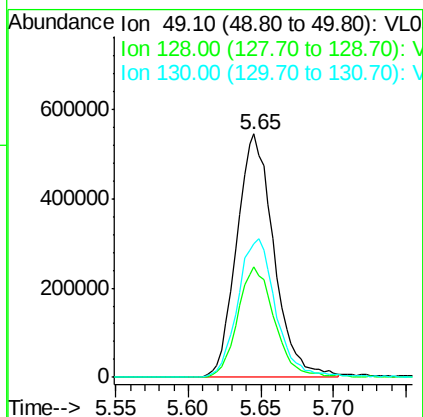
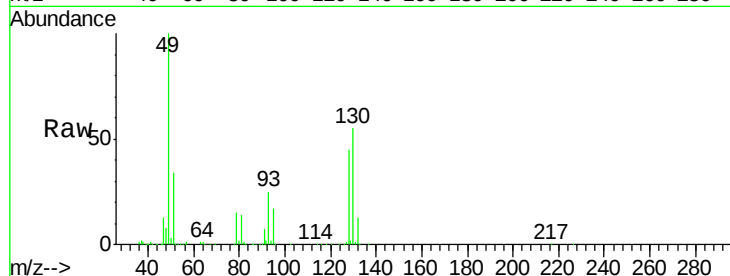
ClientSampled :

AA-1DL

Tot Ion	Ratio	Lower	Upper
49	100		
128	45.1	22.1	66.5
130	58.9	29.1	87.3

Manual Integrations
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#13

Ethanol

Concen: 0.533 ppbv m

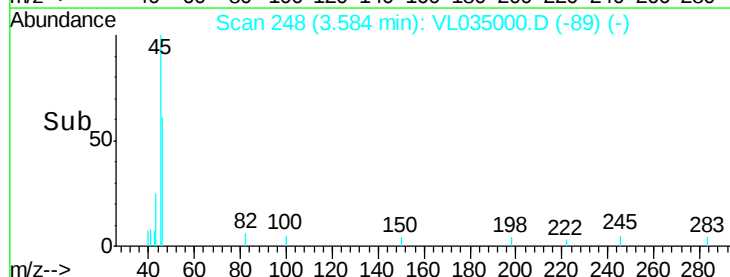
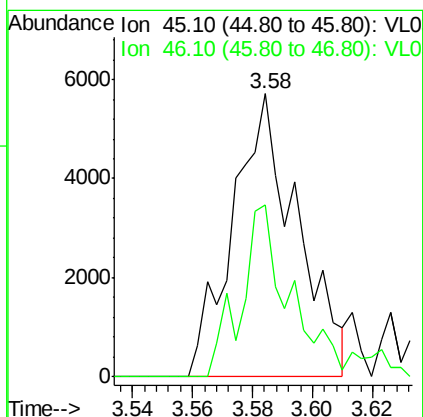
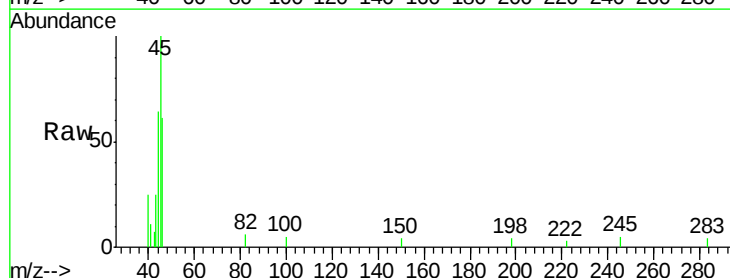
RT: 3.58 min Scan# 248

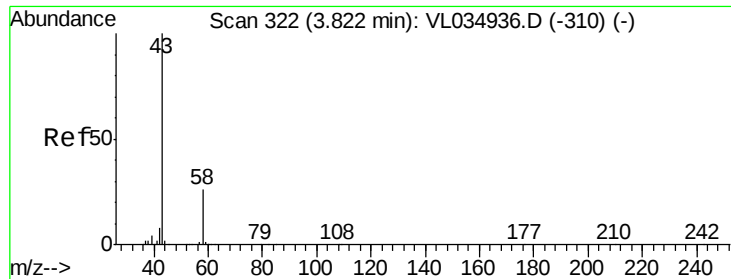
Delta R.T. 0.01 min

Lab File: VL035000.D

Acq: 12 May 2020 23:35

Tgt Ion	Ratio	Lower	Upper
45	100		
46	0.0	14.3	57.3





#15

Acetone

Concen: 0.356 ppbv

RT: 3.84 min Scan# 326

Delta R.T. 0.01 min

Lab File: VL035000.D

Acq: 12 May 2020 23:35

Instrument :

MSVOA_L

ClientSampleId :

AA-1DL

Tot Ion: 43 Resp: 45802

Ion Ratio Lower Upper

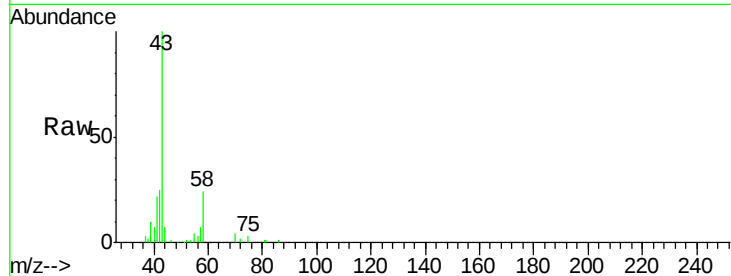
43 100

58 33.6 21.7 32.5#

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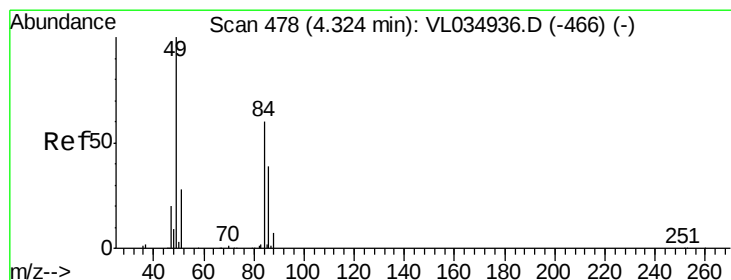
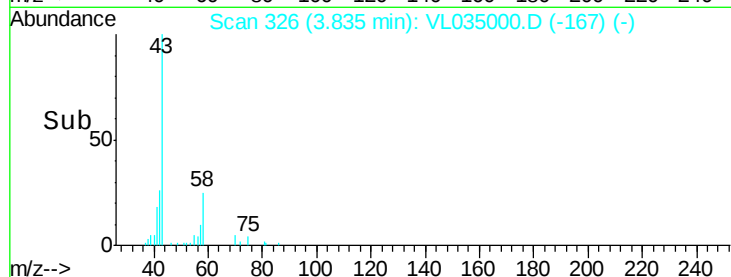
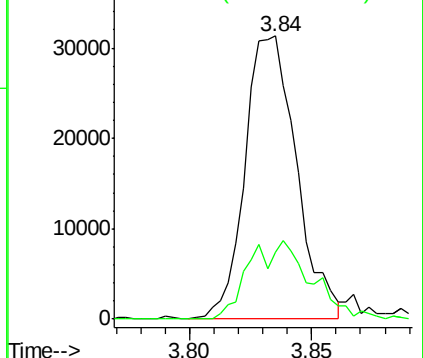
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Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#20

Methylene Chloride

Concen: 0.254 ppbv m

RT: 4.31 min Scan# 475

Delta R.T. -0.01 min

Lab File: VL035000.D

Acq: 12 May 2020 23:35

Tgt Ion: 84 Resp: 10825

Ion Ratio Lower Upper

84 100

49 145.1 132.5 198.7

51 33.2 38.4 57.6#

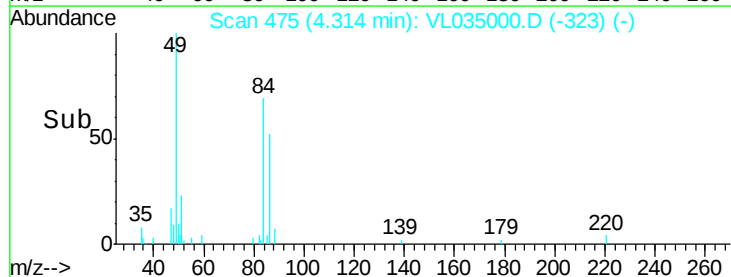
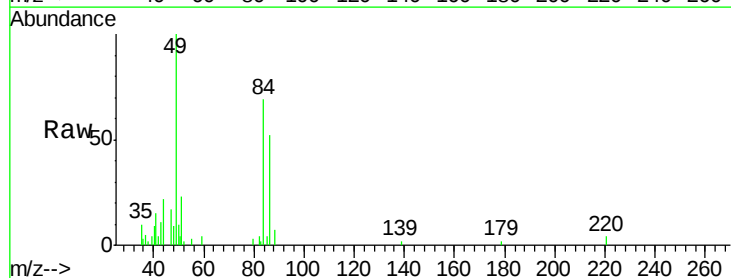
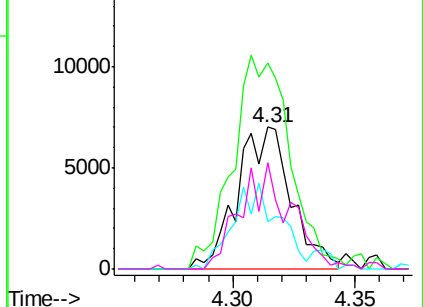
86 75.0 51.2 76.8

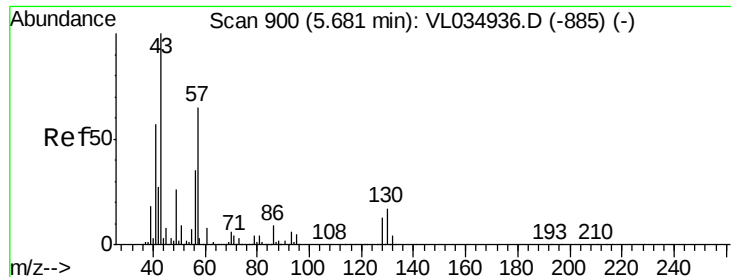
Abundance Ion 84.00 (83.70 to 84.70): VL0

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





#26

Hexane

Concen: 0.332 ppbv

RT: 5.67 min Scan# 896

Delta R.T. -0.01 min

Lab File: VL035000.D

Acq: 12 May 2020 23:35

Instrument :

MSVOA_L

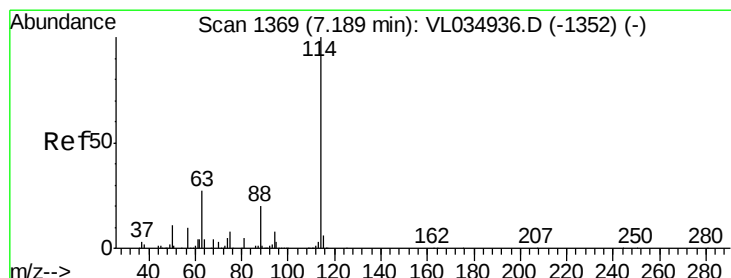
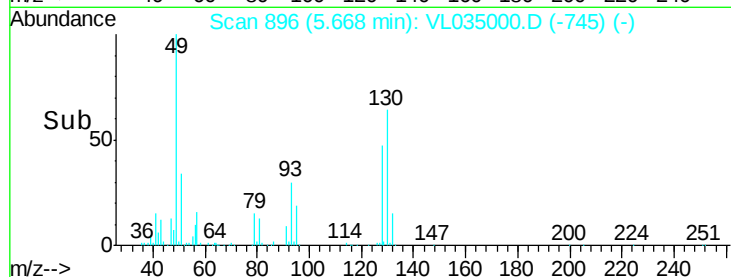
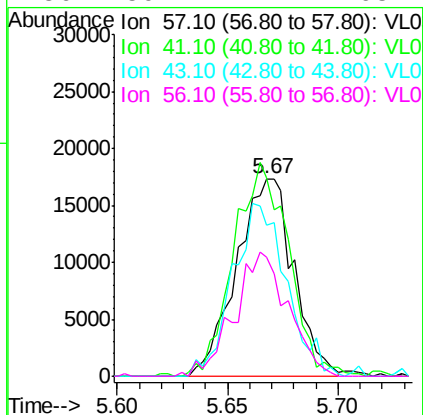
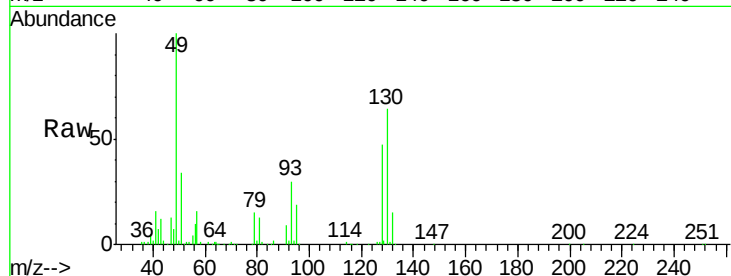
ClientSampled :

AA-1DL

Tot Ion	57	Resp	31180
Ion	Ratio	Lower	Upper
57	100		
41	105.9	72.7	109.1
43	83.4	182.1	273.1#
56	59.2	42.2	63.2

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#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

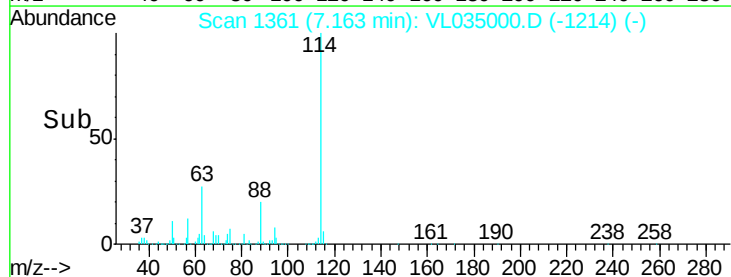
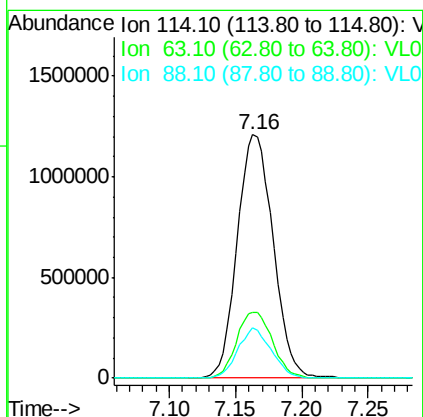
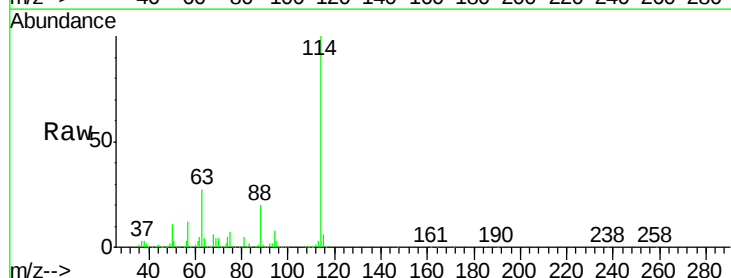
RT: 7.16 min Scan# 1361

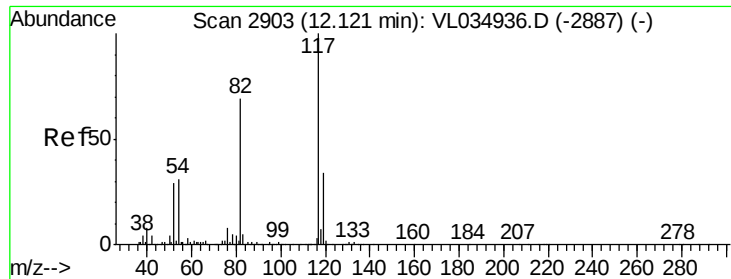
Delta R.T. -0.03 min

Lab File: VL035000.D

Acq: 12 May 2020 23:35

Tgt Ion	114	Resp	2278219
Ion	Ratio	Lower	Upper
114	100		
63	27.2	22.2	33.4
88	19.1	15.5	23.3





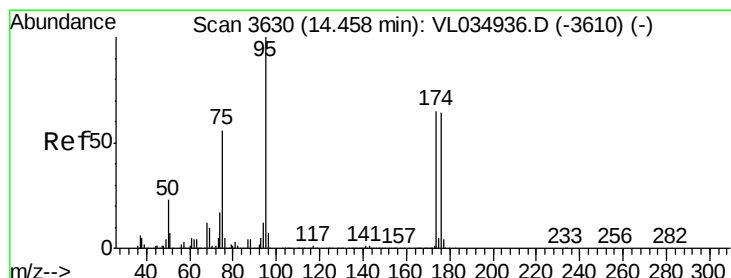
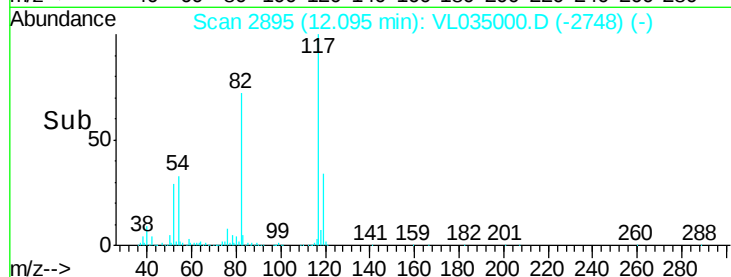
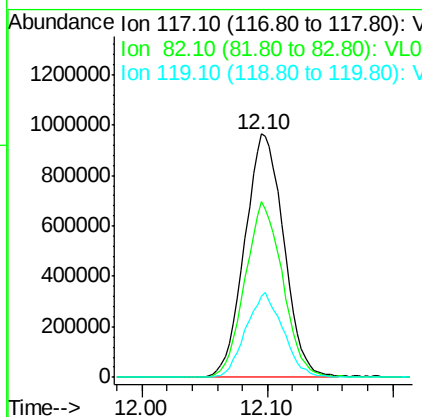
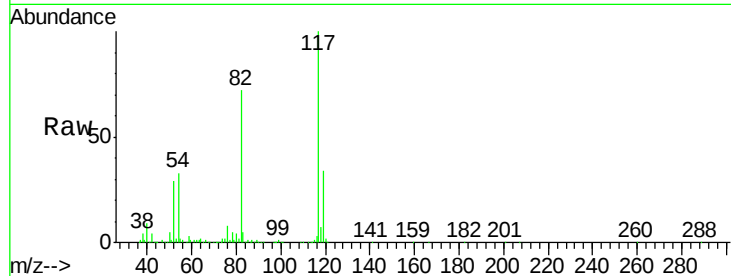
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2895
Delta R.T. -0.03 min
Lab File: VL035000.D
Acq: 12 May 2020 23:35

Instrument :
MSVOA_L
ClientSampleId :
AA-1DL

Tot Ion:117 Resp: 2090278
Ion Ratio Lower Upper
117 100
82 70.0 53.1 79.7
119 33.4 26.7 40.1

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.235 ppbv
RT: 14.43 min Scan# 3622
Delta R.T. -0.03 min
Lab File: VL035000.D
Acq: 12 May 2020 23:35

Tgt Ion: 95 Resp: 1731789
Ion Ratio Lower Upper
95 100
174 64.6 51.5 77.3
175 5.0 3.8 5.8

