

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051920\
 Data File : VL035069.D
 Acq On : 20 May 2020 7:18
 Operator : SY/AP
 Sample : L2712-01DL 40X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL

Manual Integrations
 APPROVED

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Quant Time: May 20 10:05:21 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	5.64	49	1149329	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	2679822	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.10	117	2548678	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2153880	10.44	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.81	43	831122	5.470	ppbv	95
17) tert-Butyl alcohol	4.27	59	40287m	0.298	ppbv	
34) 2-Butanone	5.23	43	76489	0.459	ppbv	99

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

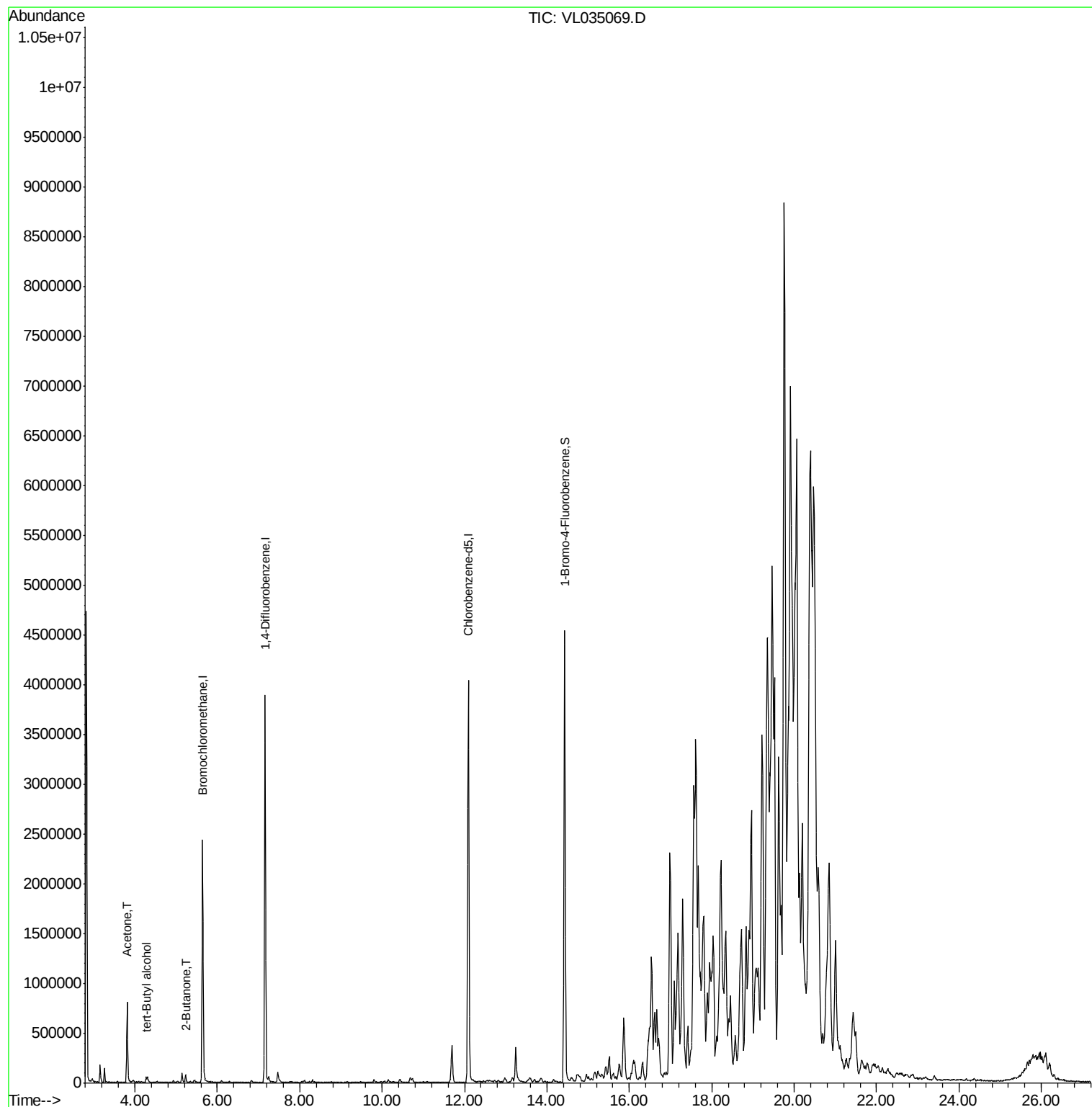
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL051920\
Data File : VL035069.D
Acq On : 20 May 2020 7:18
Operator : SY/AP
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Misc : 400ml/MSVOA L
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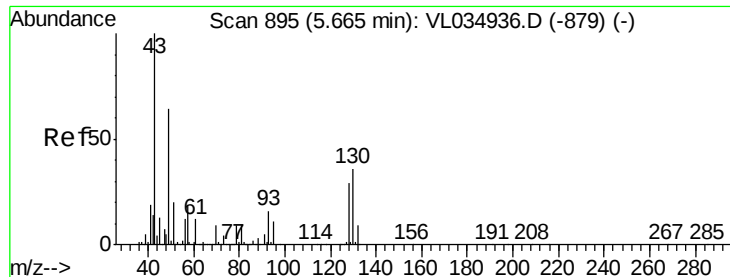
Instrument :
MSVOA_L
ClientSampleId :
SV1DL

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Quant Time: May 20 10:05:21 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL050620AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed May
QLast Update : Wed May 06 14:49:39 2020
Response via : Initial Calibration





#1

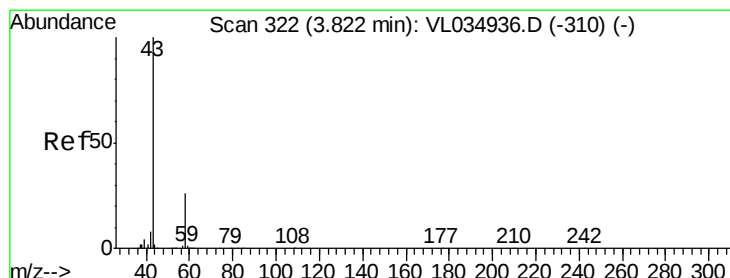
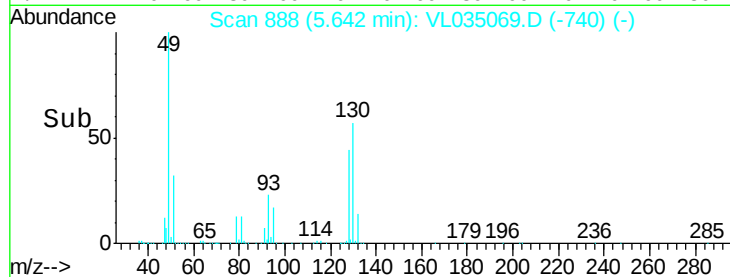
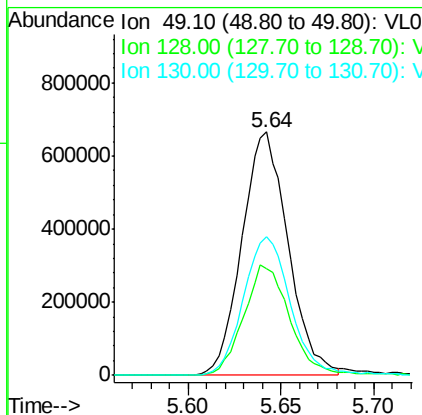
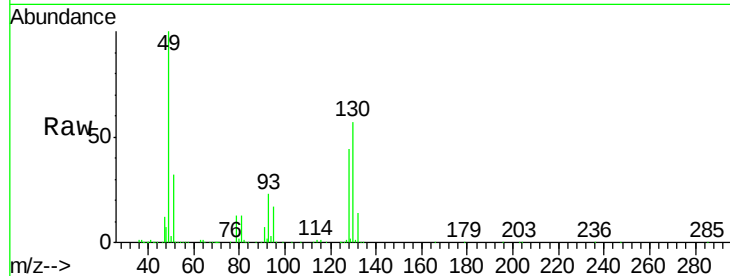
Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.64 min Scan# 888
 Delta R.T. -0.02 min
 Lab File: VL035069.D
 Acq: 20 May 2020 7:18

Instrument :
 MSVOA_L
 ClientSampled :
 SV1DL

Tot Ion: 49 Resp: 1149329
 Ion Ratio Lower Upper
 49 100
 128 45.8 22.1 66.5
 130 58.4 29.1 87.3

Manual Integrations
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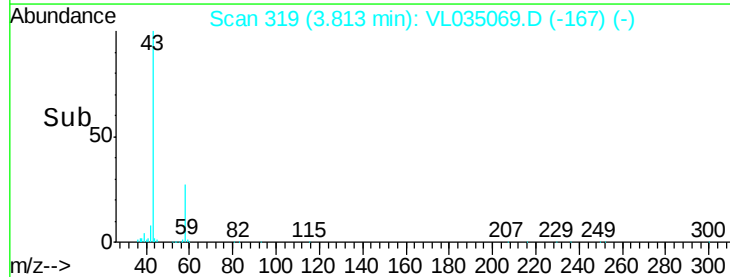
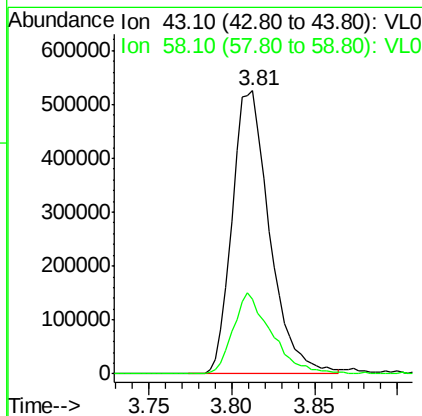
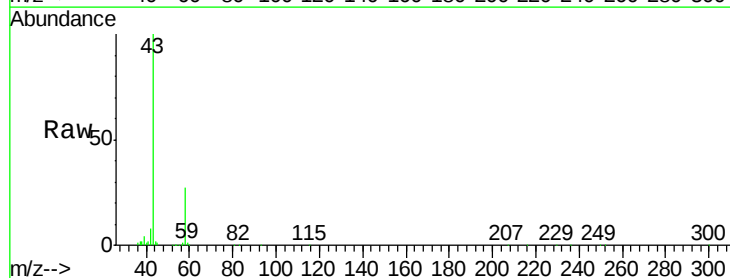
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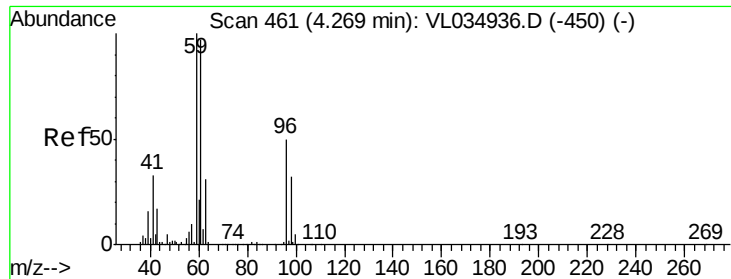


#15

Acetone
 Concen: 5.470 ppbv
 RT: 3.81 min Scan# 319
 Delta R.T. -0.01 min
 Lab File: VL035069.D
 Acq: 20 May 2020 7:18

Tgt Ion: 43 Resp: 831122
 Ion Ratio Lower Upper
 43 100
 58 29.7 21.7 32.5





#17

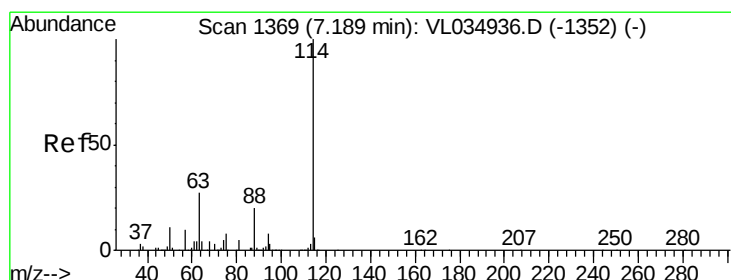
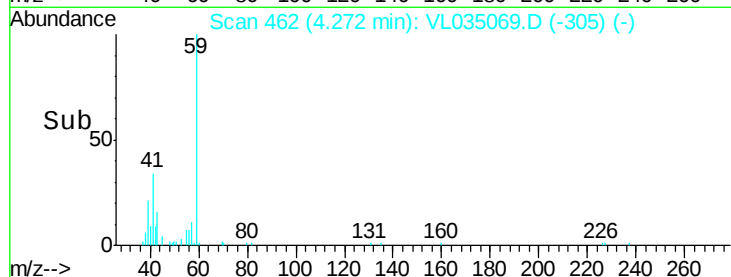
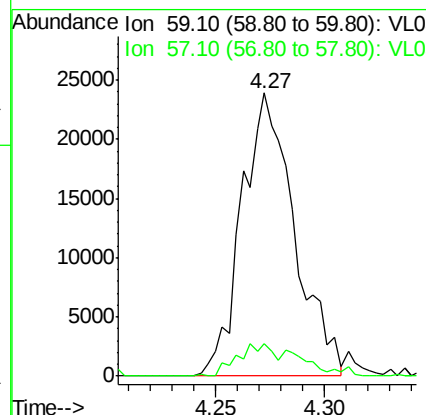
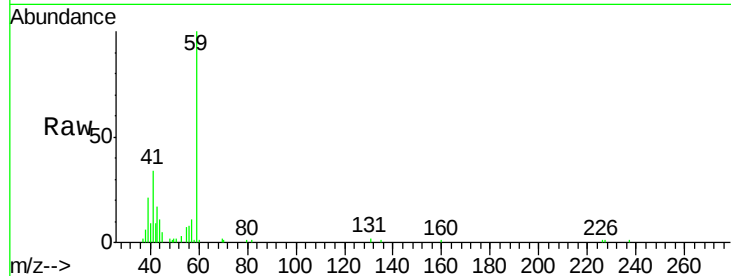
tert-Butyl alcohol
 Concen: 0.298 ppbv
 RT: 4.27 min Scan# 462
 Delta R.T. 0.00 min
 Lab File: VL035069.D
 Acq: 20 May 2020 7:18

Instrument :
 MSVOA_L
 ClientSampled :
 SV1DL

Tot Ion: 59 Resp: 40287
 Ion Ratio Lower Upper
 59 100
 57 13.2 8.7 13.1#

Manual Integrations
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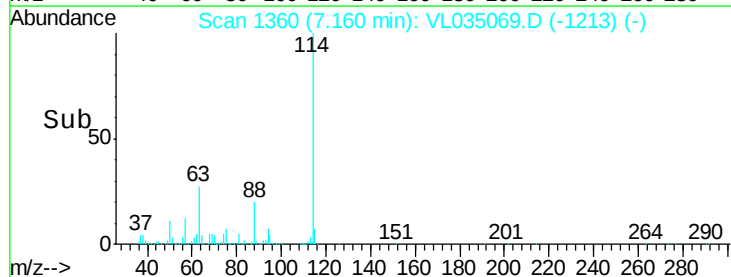
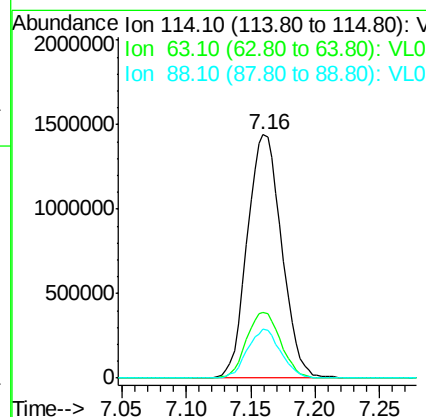
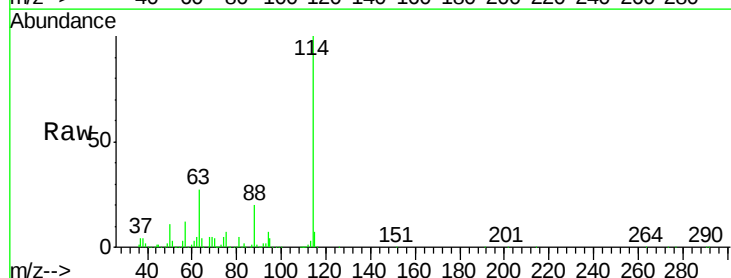
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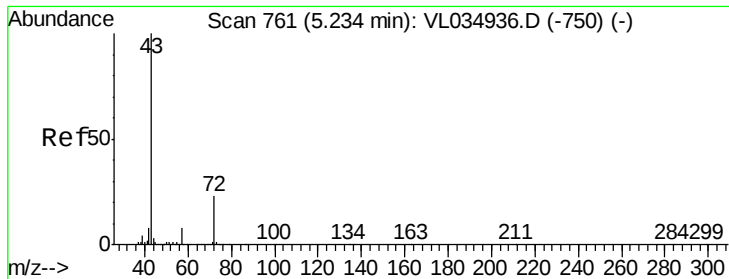


#33

1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.16 min Scan# 1360
 Delta R.T. -0.03 min
 Lab File: VL035069.D
 Acq: 20 May 2020 7:18

Tgt Ion: 114 Resp: 2679822
 Ion Ratio Lower Upper
 114 100
 63 27.1 22.2 33.4
 88 19.4 15.5 23.3





#34

2-Butanone

Concen: 0.459 ppbv

RT: 5.23 min Scan# 759

Delta R.T. -0.01 min

Lab File: VL035069.D

Acq: 20 May 2020 7:18

Instrument :

MSVOA_L

ClientSampled :

SV1DL

Tot Ion: 43 Resp: 76489

Ion Ratio Lower Upper

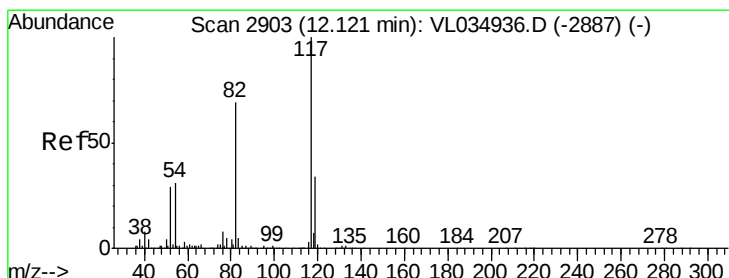
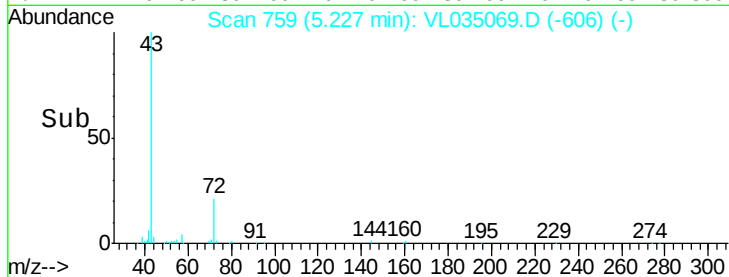
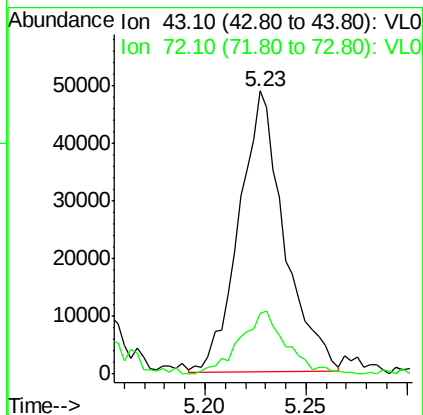
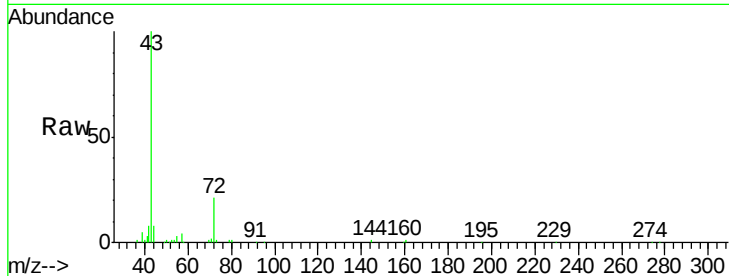
43 100

72 23.1 18.0 27.0

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.10 min Scan# 2895

Delta R.T. -0.03 min

Lab File: VL035069.D

Acq: 20 May 2020 7:18

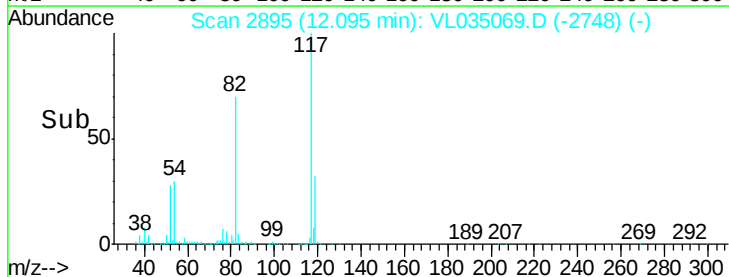
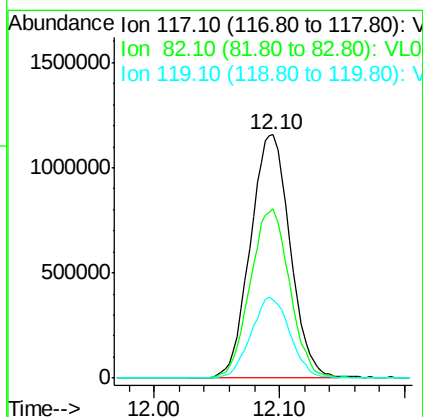
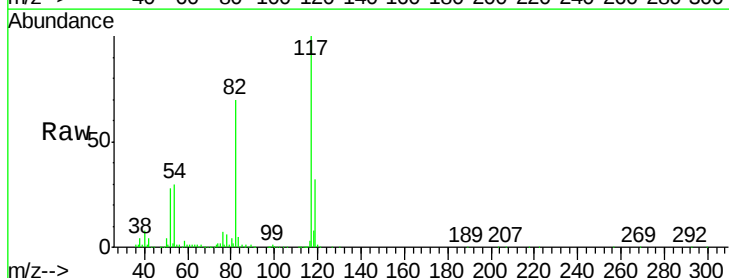
Tgt Ion: 117 Resp: 2548678

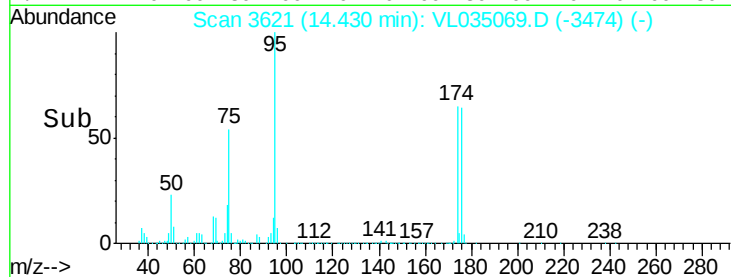
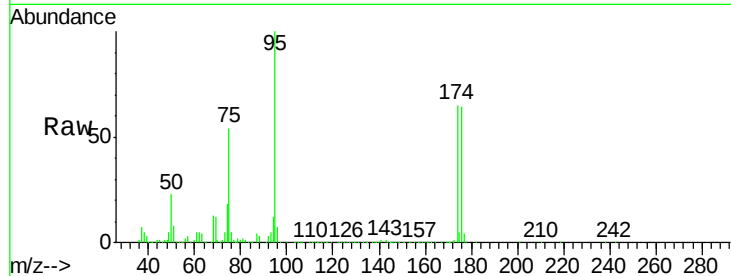
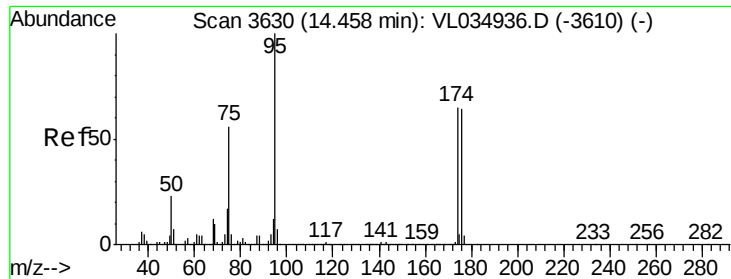
Ion Ratio Lower Upper

117 100

82 69.4 53.1 79.7

119 32.8 26.7 40.1





#68

1-Bromo-4-Fluorobenzene

Concen: 10.440 ppbv

RT: 14.43 min Scan# 3621

Delta R.T. -0.03 min

Lab File: VL035069.D

Acq: 20 May 2020 7:18

Tot Ion: 95 Resp: 2153880

Ion Ratio Lower Upper

95 100

174 65.8 51.5 77.3

175 4.9 3.8 5.8

Instrument :

MSVOA_L

ClientSampleId :

SV1DL

Manual Integrations

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