

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051921\
 Data File : VL037014.D
 Acq On : 20 May 2021 5:36
 Operator : SY/AP
 Sample : M2424-09DL 40X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 KSV-09DL

Manual Integrations
 APPROVED

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 5/24/2021 3:03:00 PM

Quant Time: May 22 23:16:36 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL051821AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue May 18 2021
 QLast Update : Tue May 18 12:00:15 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	937592	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.14	114	2873659	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.05	117	2543349	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.38	95	1964412	10.28	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	2.99	41	19045	0.310	ppbv	96
15) Acetone	3.83	43	1128674	11.753	ppbv	99
34) 2-Butanone	5.23	43	83547m	0.798	ppbv	

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

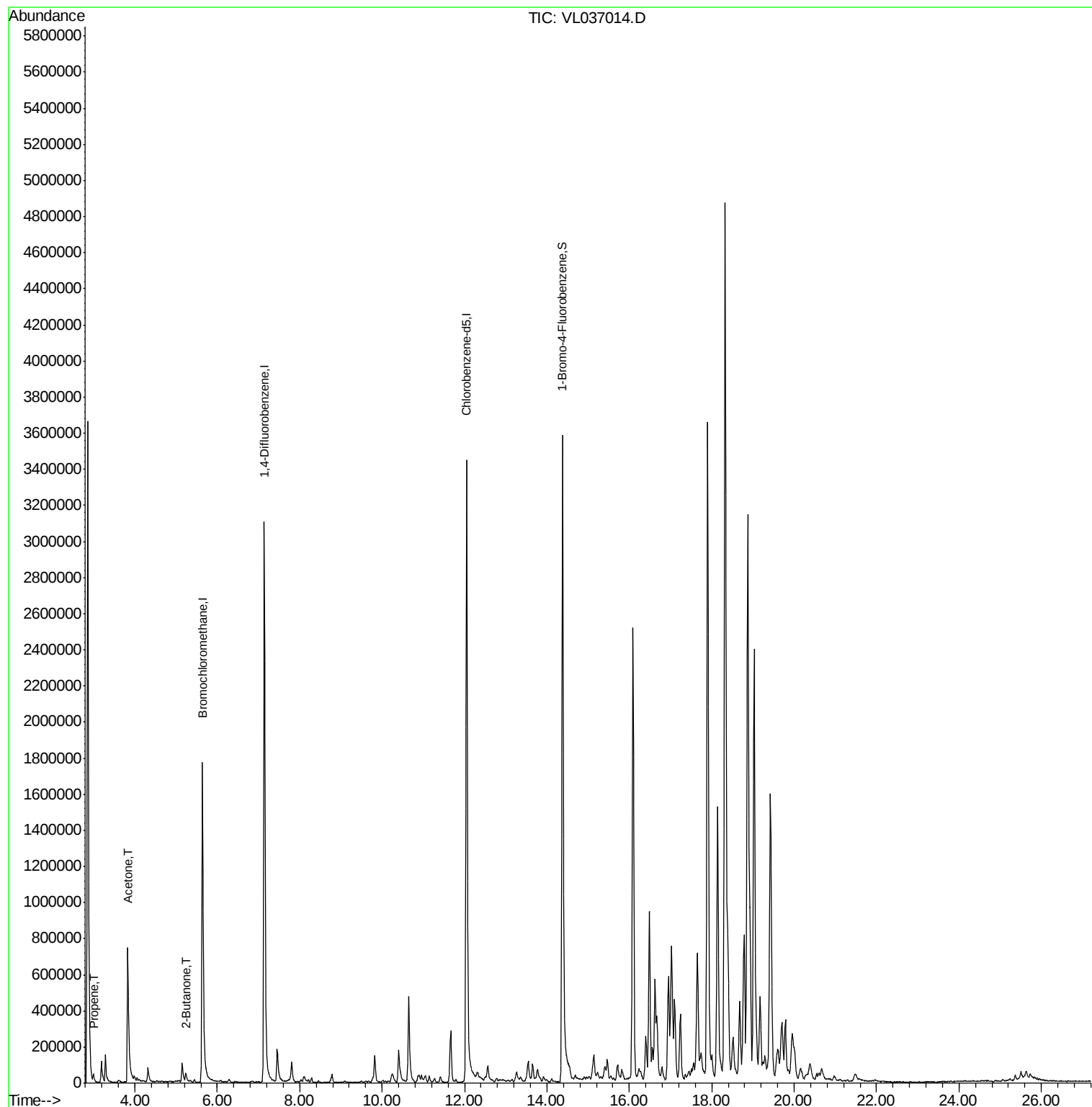
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL051921\
Data File : VL037014.D
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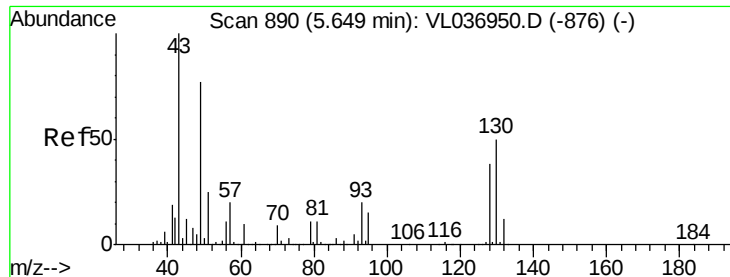
Instrument :
MSVOA_L
ClientSampleId :
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Quant Time: May 22 23:16:36 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL051821AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue May
QLast Update : Tue May 18 12:00:15 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.64 min Scan# 886

Delta R.T. -0.01 min

Lab File: VL037014.D

Acq: 20 May 2021 5:36

Instrument :

MSVOA_L

ClientSampleID :

KSV-09DL

Tot Ion: 49 Resp: 937592

Ion Ratio Lower Upper

49 100

128 56.4 26.9 80.7

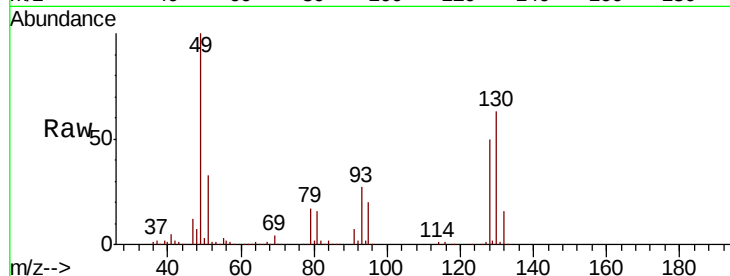
130 73.4 33.8 101.4

Manual Integrations

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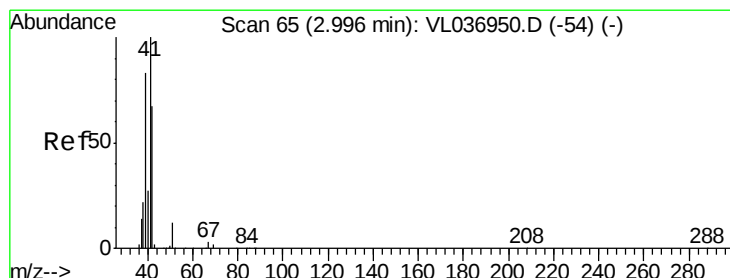
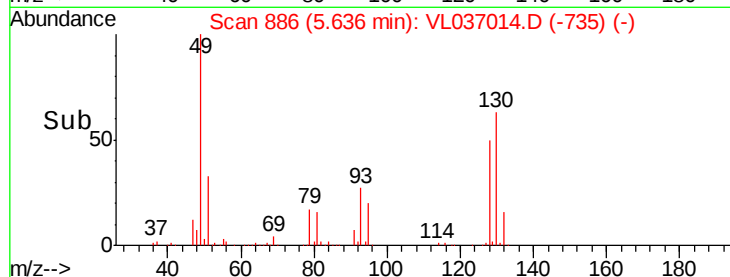
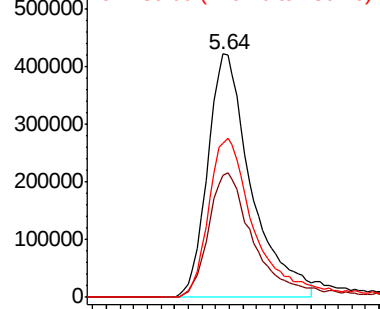
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#9

Propene

Concen: 0.310 ppbv

RT: 2.99 min Scan# 63

Delta R.T. -0.01 min

Lab File: VL037014.D

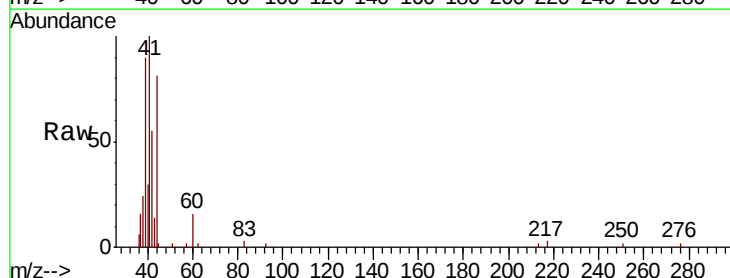
Acq: 20 May 2021 5:36

Tgt Ion: 41 Resp: 19045

Ion Ratio Lower Upper

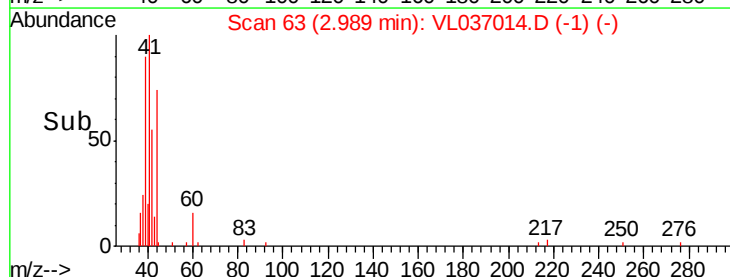
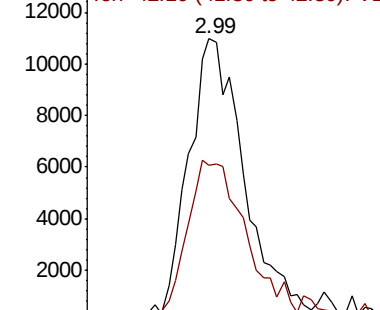
41 100

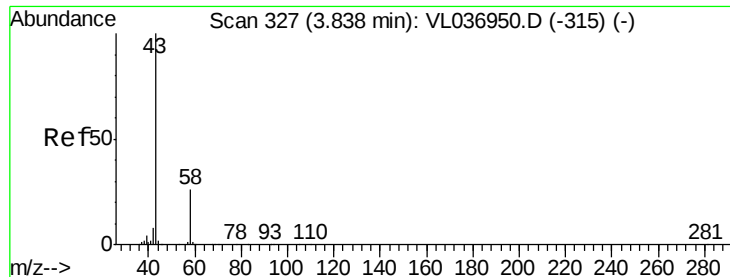
42 70.5 53.9 80.9



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





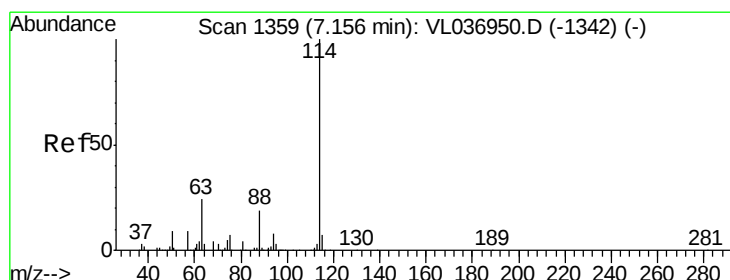
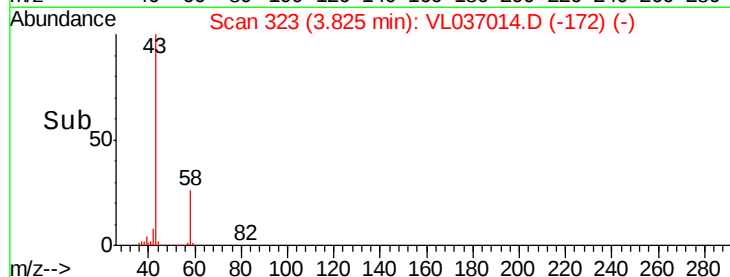
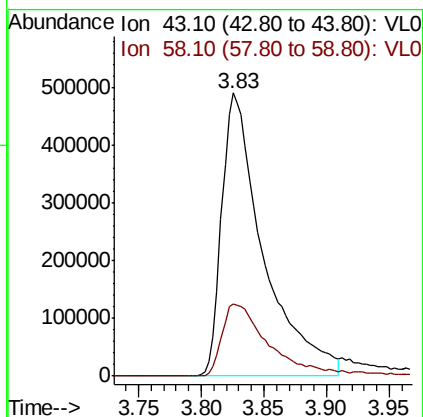
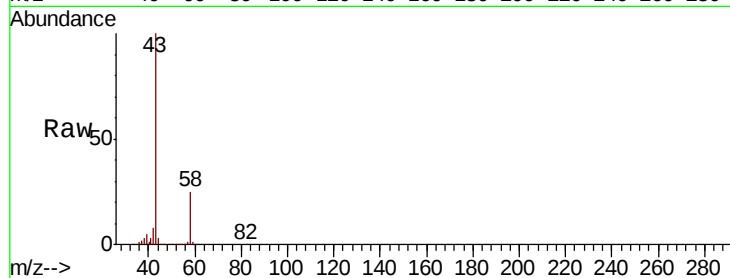
#15
Acetone
Concen: 11.753 ppbv
RT: 3.83 min Scan# 323
Delta R.T. -0.01 min
Lab File: VL037014.D
Acq: 20 May 2021 5:36

Instrument :
MSVOA_L
ClientSampled :
KSV-09DL

Tot Ion: 43 Resp: 1128674
Ion Ratio Lower Upper
43 100
58 30.7 24.0 36.0

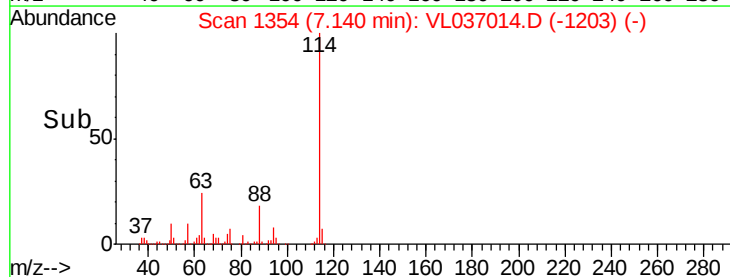
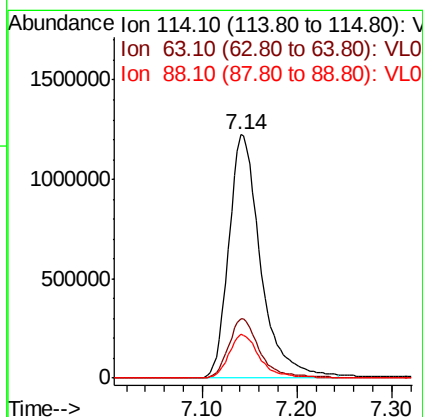
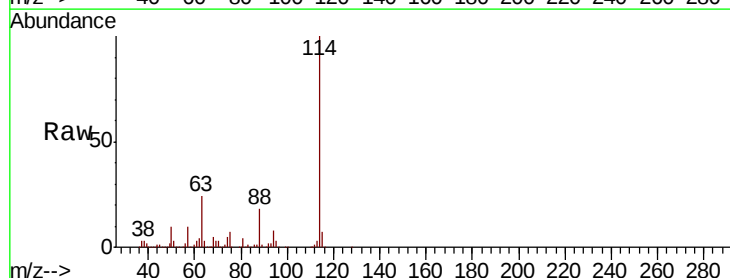
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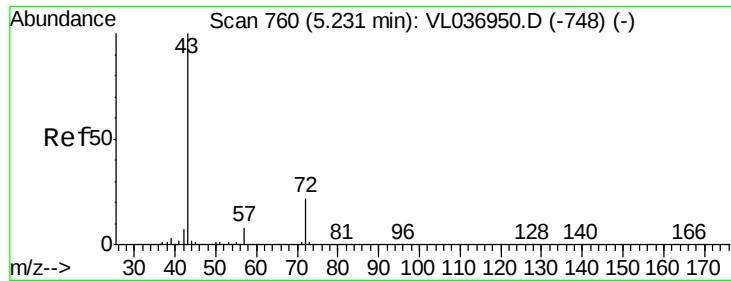
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.14 min Scan# 1354
Delta R.T. -0.02 min
Lab File: VL037014.D
Acq: 20 May 2021 5:36

Tgt Ion: 114 Resp: 2873659
Ion Ratio Lower Upper
114 100
63 24.3 19.6 29.4
88 17.9 14.6 21.8





#34

2-Butanone

Concen: 0.798 ppbv m

RT: 5.23 min Scan# 760

Delta R.T. -0.00 min

Lab File: VL037014.D

Acq: 20 May 2021 5:36

Instrument :

MSVOA_L

ClientSampled :

KSV-09DL

Tot Ion: 43 Resp: 83547

Ion Ratio Lower Upper

43 100

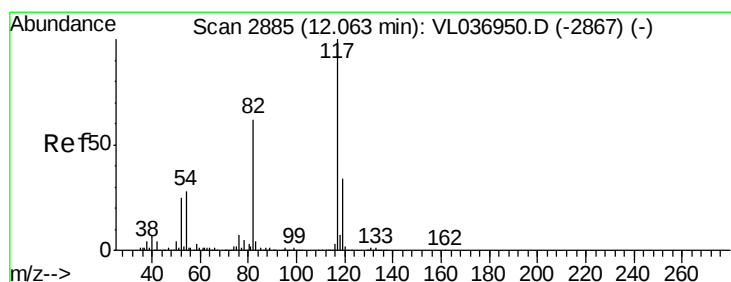
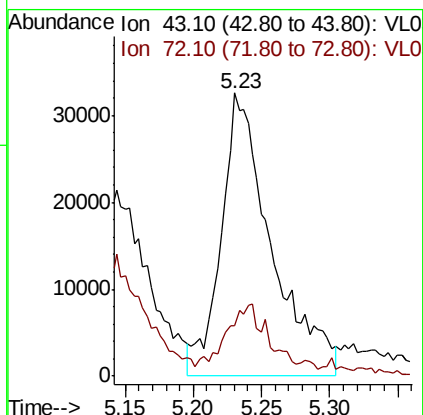
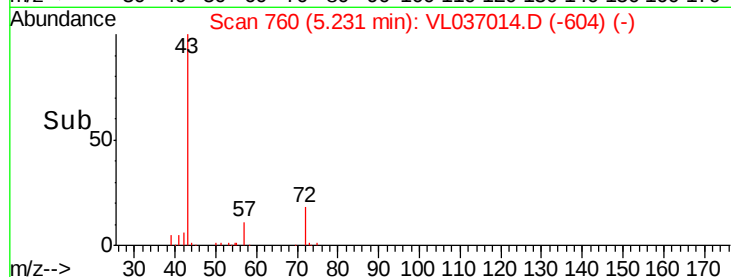
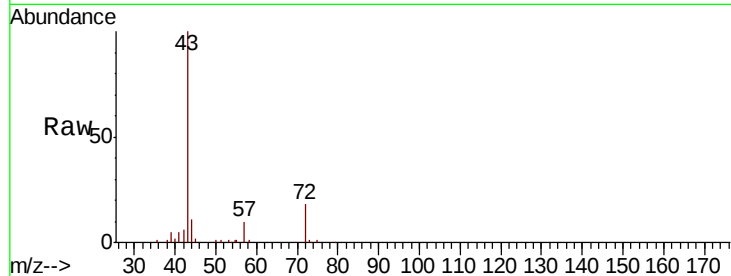
72 0.0 19.0 28.4#

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.05 min Scan# 2881

Delta R.T. -0.01 min

Lab File: VL037014.D

Acq: 20 May 2021 5:36

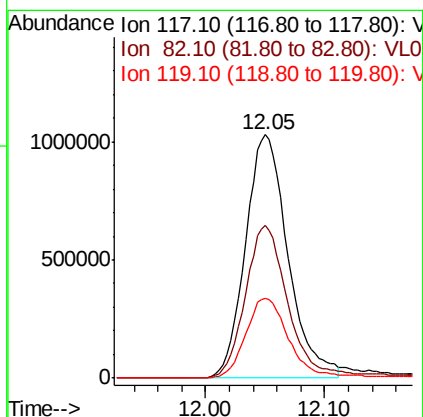
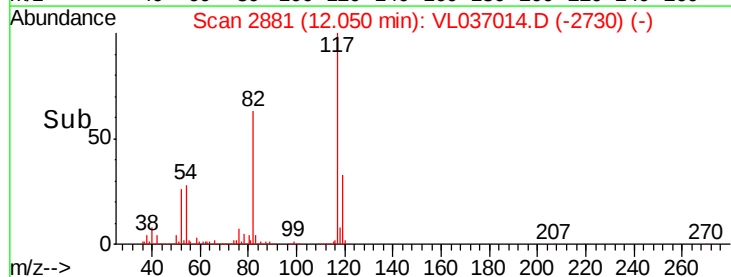
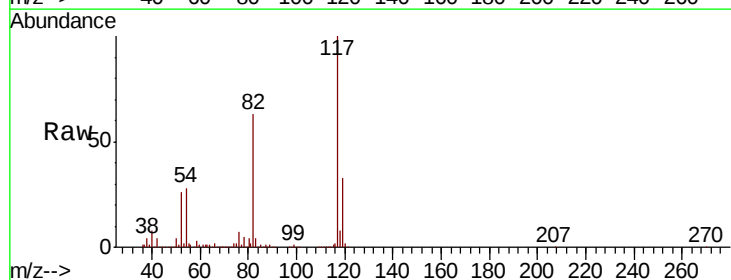
Tgt Ion: 117 Resp: 2543349

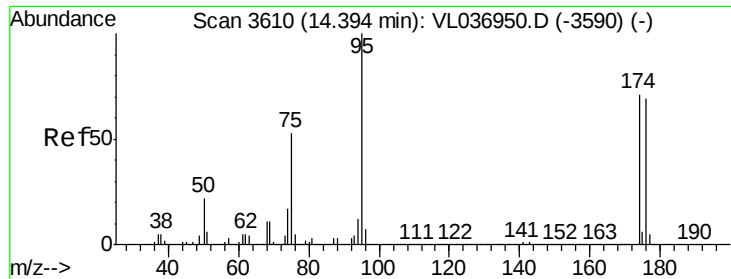
Ion Ratio Lower Upper

117 100

82 65.6 52.6 79.0

119 34.3 46.6 70.0#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.282 ppbv
 RT: 14.38 min Scan# 3605
 Delta R.T. -0.02 min
 Lab File: VL037014.D
 Acq: 20 May 2021 5:36

Instrument :
 MSVOA_L
 ClientSampleId :
 KSV-09DL

Tot Ion:	95	Resp:	1964412
Ion Ratio	Lower	Upper	
95	100		
174	76.1	58.4	87.6
175	5.6	4.4	6.6

Manual Integrations
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