

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL052021\
 Data File : VL037022.D
 Acq On : 20 May 2021 13:53
 Operator : SY/AP
 Sample : M2424-04DL2 100X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 KSV-01DL2

Manual Integrations
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Quant Time: May 22 22:22:45 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	5.63	49	1227785	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.14	114	3660603	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.04	117	3258291	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.37	95	2361658	9.65	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.83	43	615709m	4.896	ppbv	

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

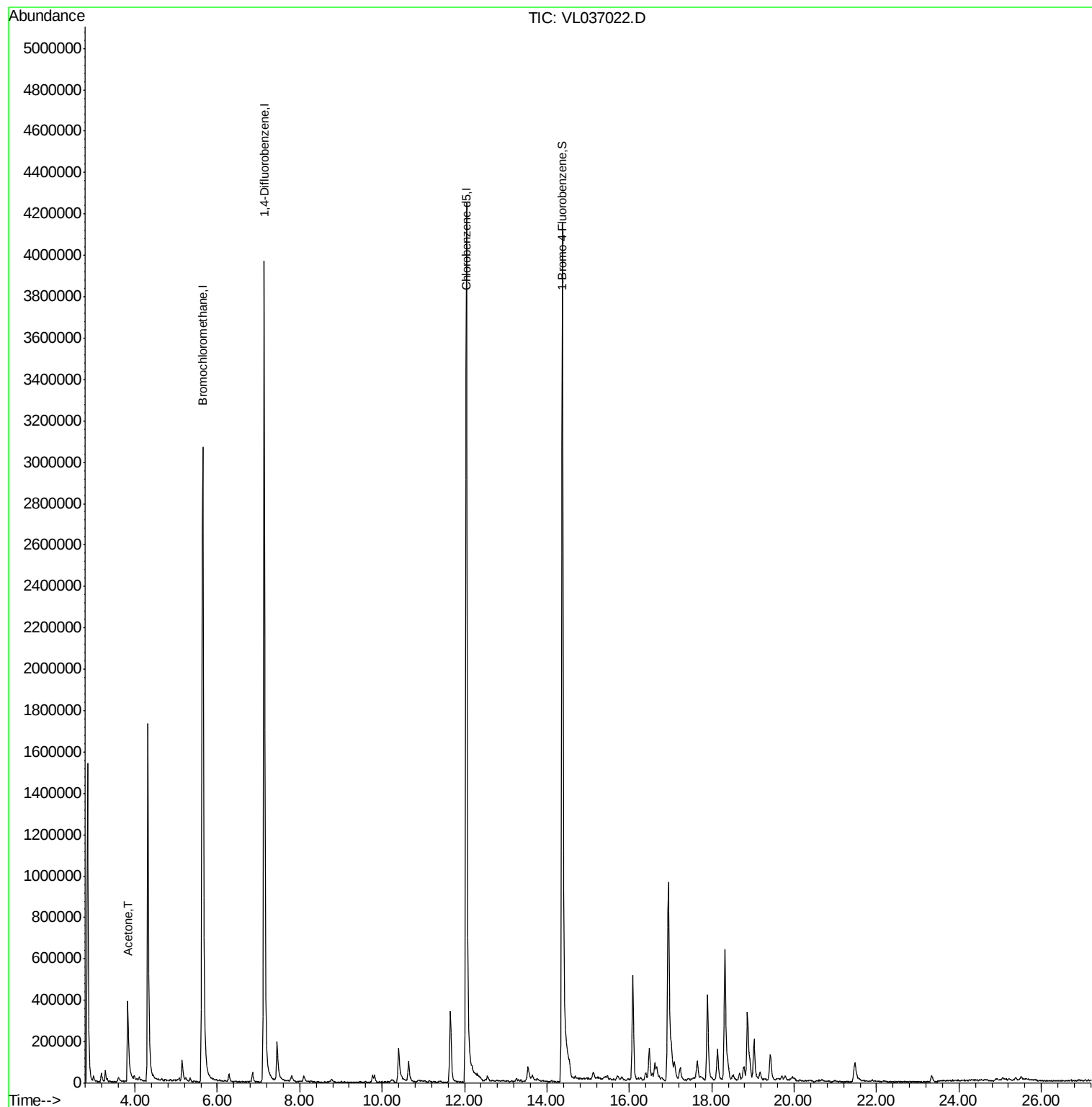
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL052021\
Data File : VL037022.D
Acq On : 20 May 2021 13:53
Operator : SY/AP
Sample : M2424-04DL2 100X
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

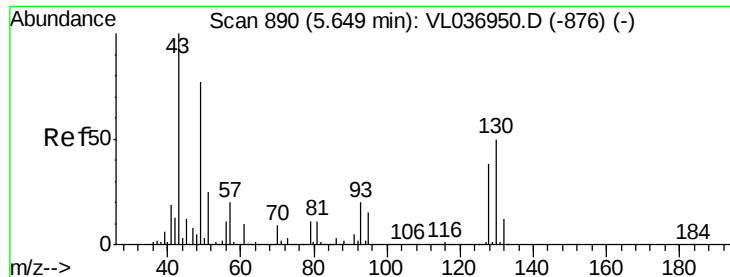
Instrument :
MSVOA_L
ClientSampleId :
KSV-01DL2

Manual Integrations
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Quant Time: May 22 22:22:45 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL051821AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue May
QLast Update : Tue May 18 12:00:15 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.63 min Scan# 885

Delta R.T. -0.02 min

Lab File: VL037022.D

Acq: 20 May 2021 13:53

Instrument :

MSVOA_L

ClientSampleId :

KSV-01DL2

Tot Ion: 49 Resp: 1227785

Ion Ratio Lower Upper

49 100

128 55.6 26.9 80.7

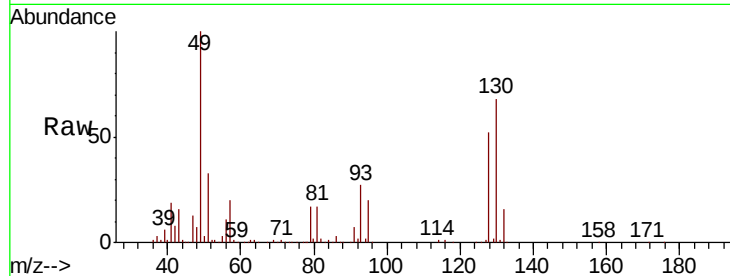
130 71.1 33.8 101.4

Manual Integrations

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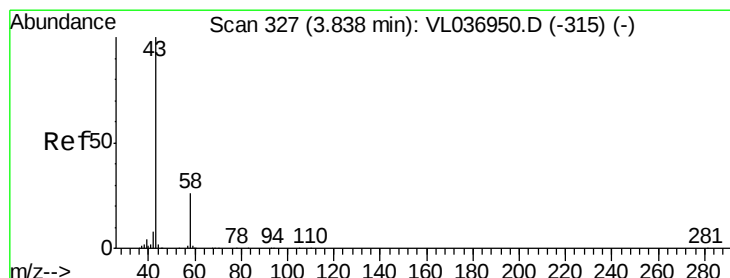
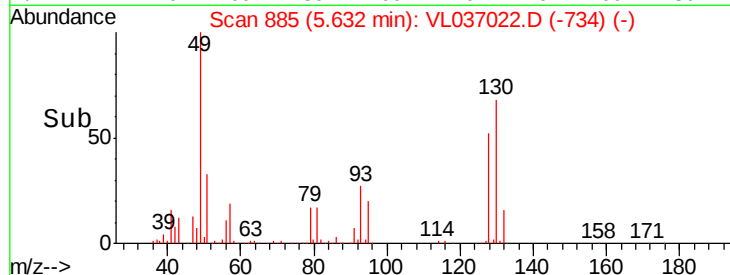
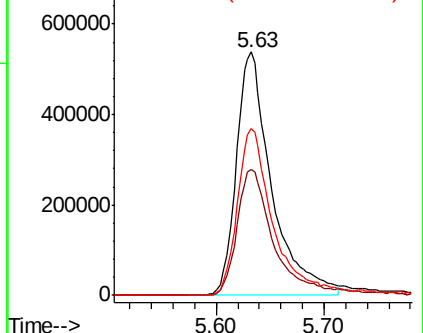
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#15

Acetone

Concen: 4.896 ppbv m

RT: 3.83 min Scan# 324

Delta R.T. -0.01 min

Lab File: VL037022.D

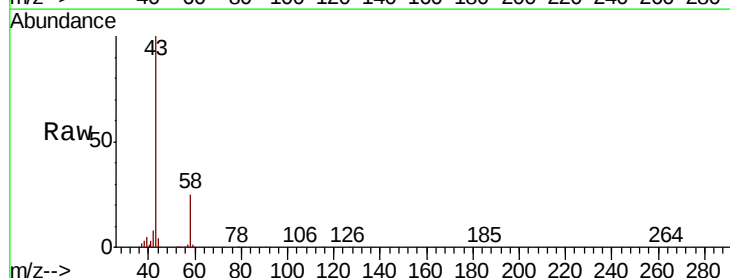
Acq: 20 May 2021 13:53

Tgt Ion: 43 Resp: 615709

Ion Ratio Lower Upper

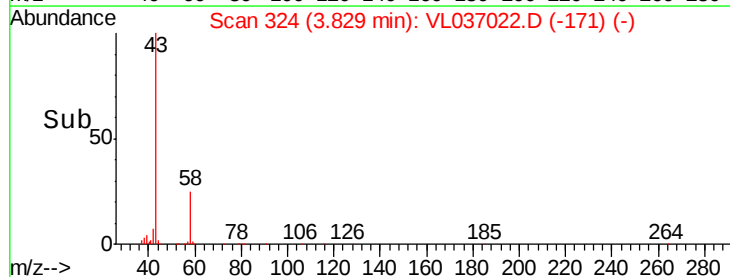
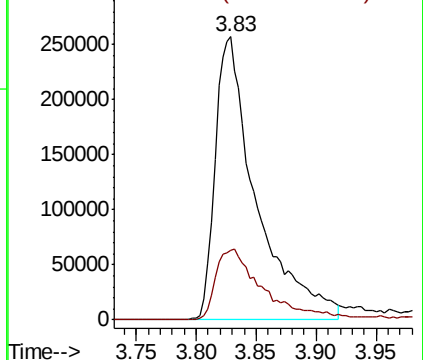
43 100

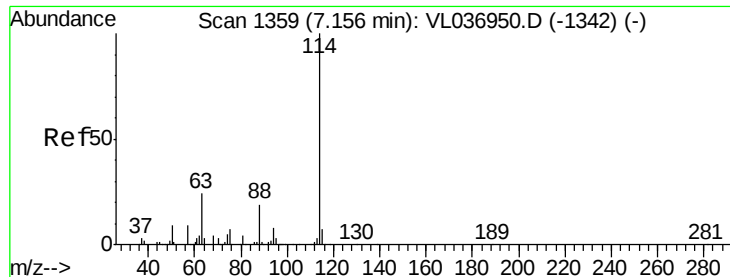
58 29.8 24.0 36.0



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





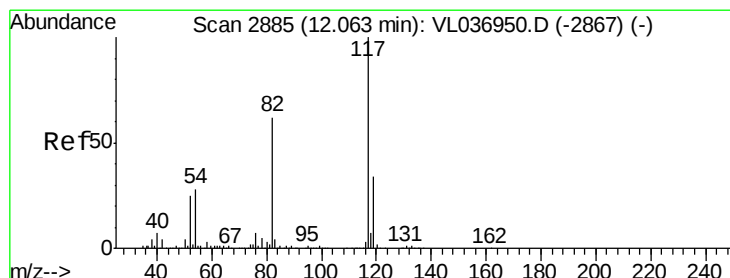
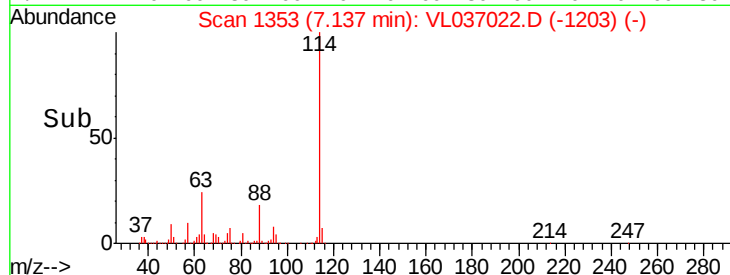
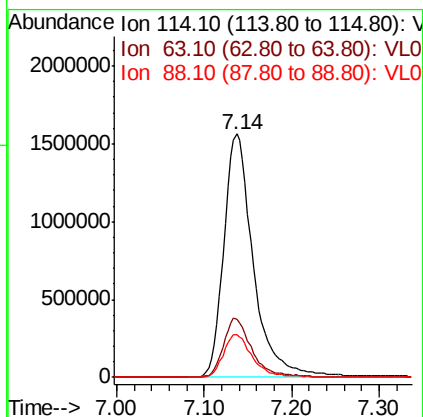
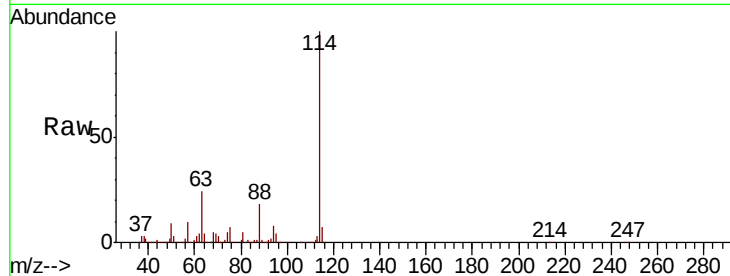
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.14 min Scan# 1353
 Delta R.T. -0.02 min
 Lab File: VL037022.D
 Acq: 20 May 2021 13:53

Instrument :
 MSVOA_L
 ClientSampleId :
 KSV-01DL2

Tot Ion:114 Resp: 3660603
 Ion Ratio Lower Upper
 114 100
 63 23.9 19.6 29.4
 88 17.7 14.6 21.8

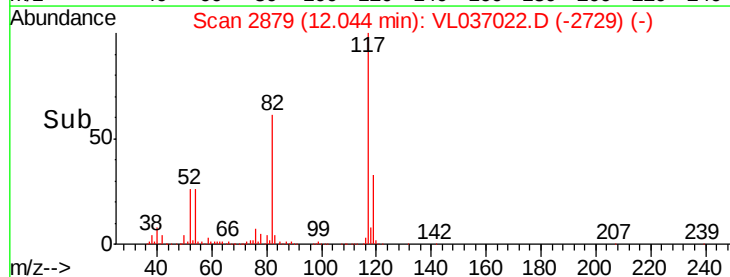
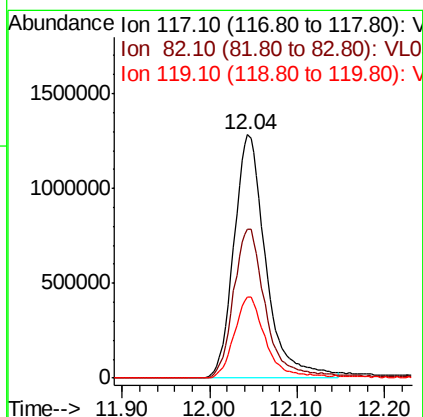
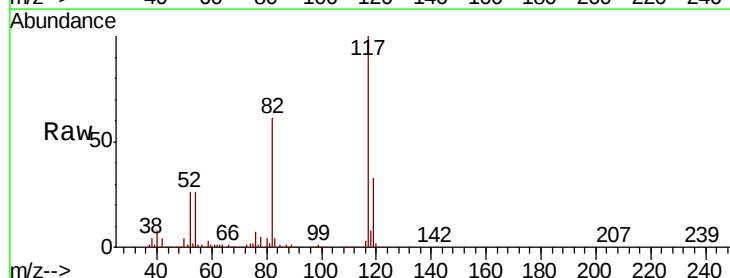
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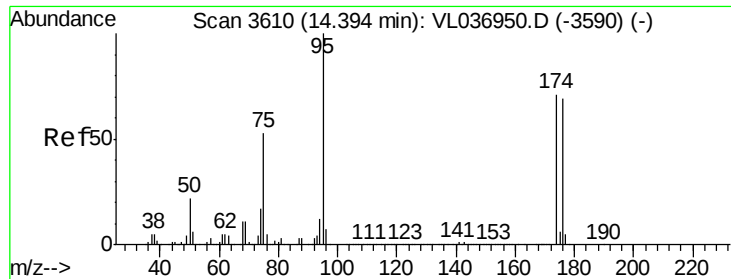
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#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.04 min Scan# 2879
 Delta R.T. -0.02 min
 Lab File: VL037022.D
 Acq: 20 May 2021 13:53

Tgt Ion:117 Resp: 3258291
 Ion Ratio Lower Upper
 117 100
 82 62.5 52.6 79.0
 119 33.2 46.6 70.0#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.648 ppbv
 RT: 14.37 min Scan# 3604
 Delta R.T. -0.02 min
 Lab File: VL037022.D
 Acq: 20 May 2021 13:53

Instrument :
 MSVOA_L
 ClientSampleId :
 KSV-01DL2

Tot Ion: 95 Resp: 2361658

Ion	Ratio	Lower	Upper
95	100		
174	74.8	58.4	87.6
175	5.3	4.4	6.6

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