

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL090921\
 Data File : VL037600.D
 Acq On : 9 Sep 2021 16:02
 Operator : SY/AP
 Sample : M3663-07DL2DUP 66.6X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-4DL2

Manual Integrations
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 9/10/2021 6:37:17 PM

Quant Time: Sep 10 09:10:34 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Aug 10 2021
 QLast Update : Tue Aug 17 02:13:47 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1414543	10.00	ppbv	0.03
33) 1,4-Difluorobenzene	7.19	114	4260815	10.00	ppbv	0.03
55) Chlorobenzene-d5	12.10	117	3798438	10.00	ppbv	0.04
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.43	95	2585851	9.58	ppbv	0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.80%
Target Compounds						
31) cis-1,2-Dichloroethene	5.56	61	136022	0.841	ppbv	96
38) Trichloroethene	7.85	130	137385m	0.935	ppbv	
52) Tetrachloroethene	11.24	164	1742134	11.869	ppbv	98

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

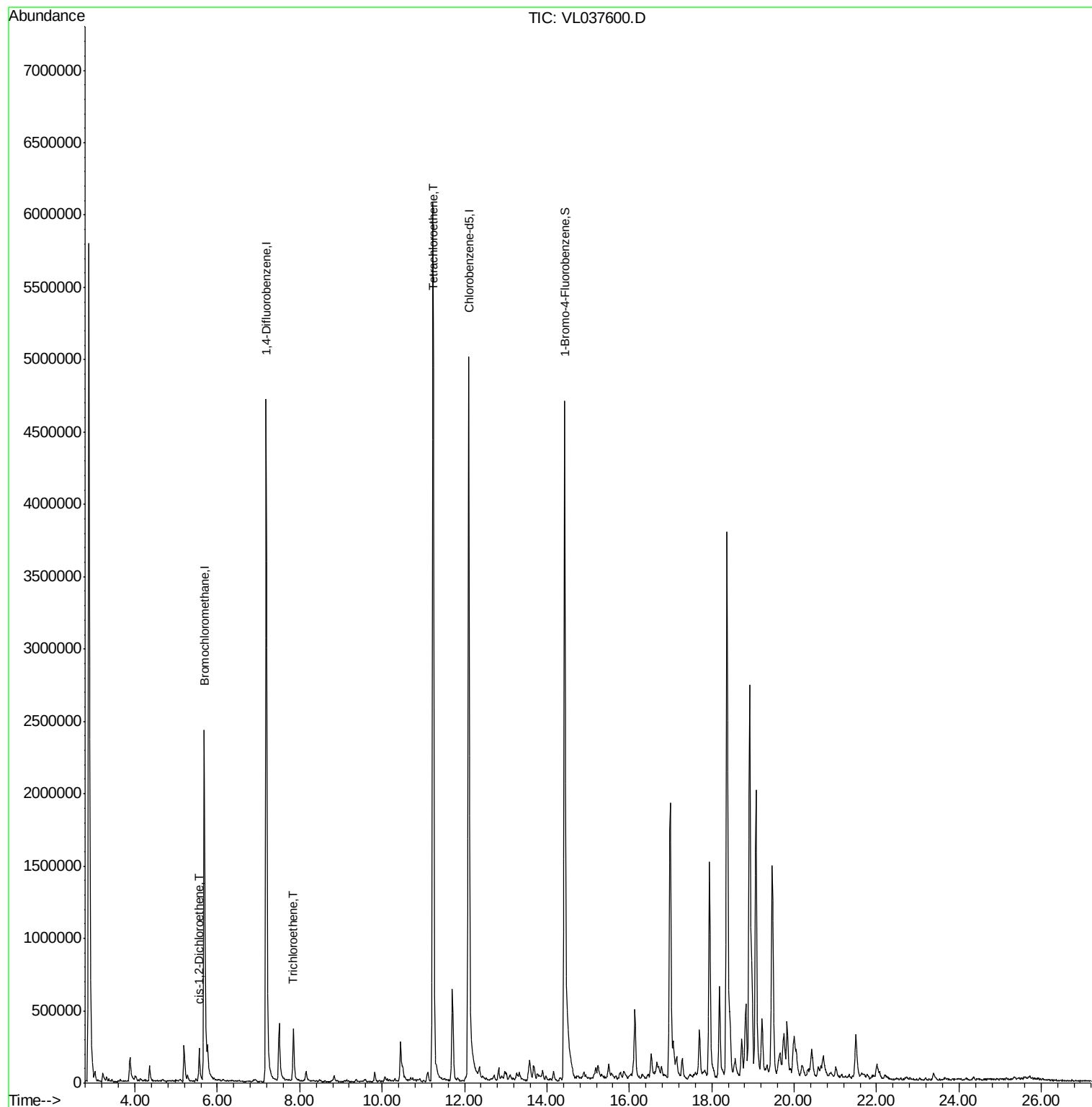
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL090921\
Data File : VL037600.D
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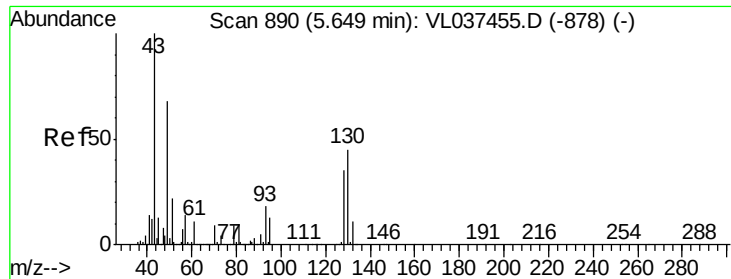
Instrument :
MSVOA_L
ClientSampleId :
SV-4DL2

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Quant Time: Sep 10 09:10:34 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL081621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Aug
QLast Update : Tue Aug 17 02:13:47 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 899

Delta R.T. 0.03 min

Lab File: VL037600.D

Acq: 9 Sep 2021 16:02

Instrument :

MSVOA_L

ClientSampleId :

SV-4DL2

Tot Ion: 49 Resp: 1414543

Ion Ratio Lower Upper

49 100

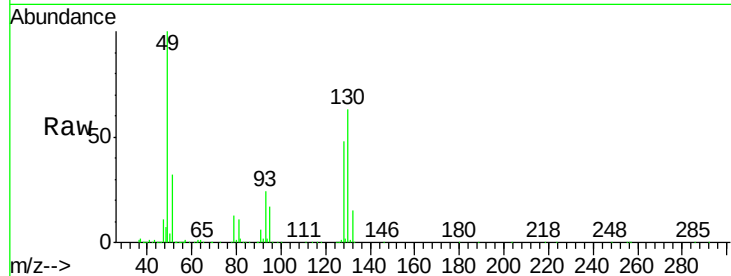
128 53.3 27.5 82.4

130 70.4 34.0 101.8

Manual Integrations
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0

800000

600000

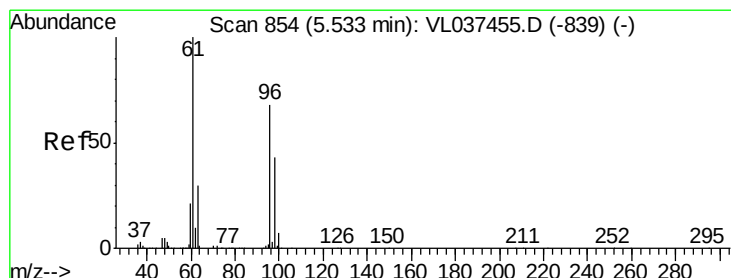
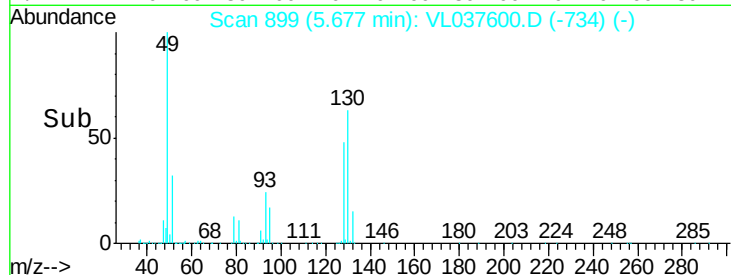
400000

200000

0

5.60 5.65 5.70 5.75

Time-->



#31

cis-1,2-Dichloroethene

Concen: 0.841 ppbv

RT: 5.56 min Scan# 863

Delta R.T. 0.03 min

Lab File: VL037600.D

Acq: 9 Sep 2021 16:02

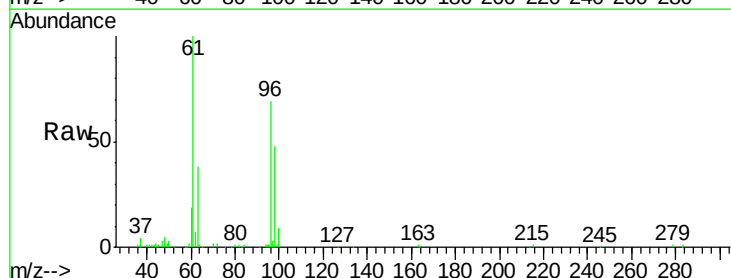
Tgt Ion: 61 Resp: 136022

Ion Ratio Lower Upper

61 100

96 68.2 54.8 82.2

98 49.2 34.2 51.2



Abundance Ion 61.10 (60.80 to 61.80): VL0

Ion 96.00 (95.70 to 96.70): VL0

Ion 98.00 (97.70 to 98.70): VL0

80000

60000

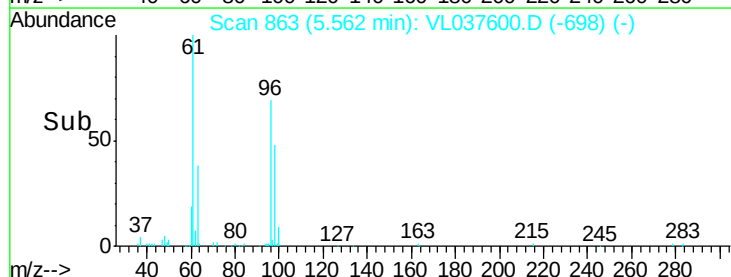
40000

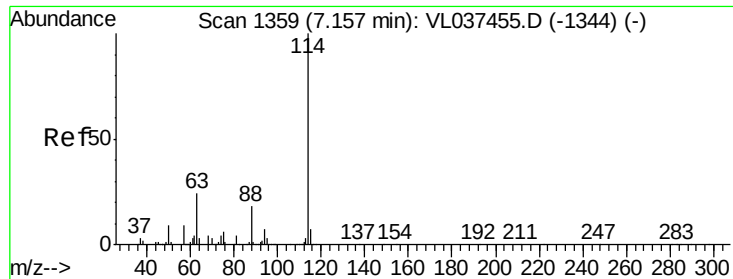
20000

0

5.50 5.55 5.60

Time-->





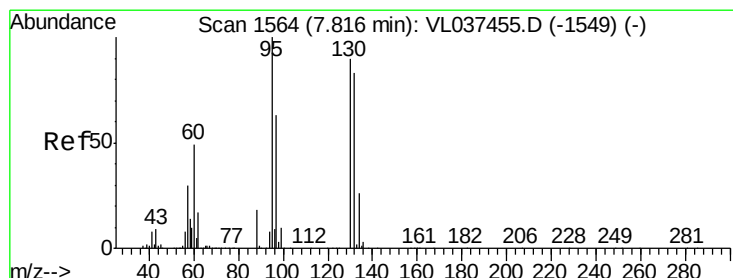
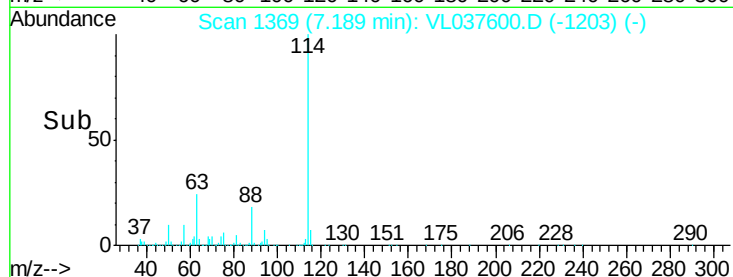
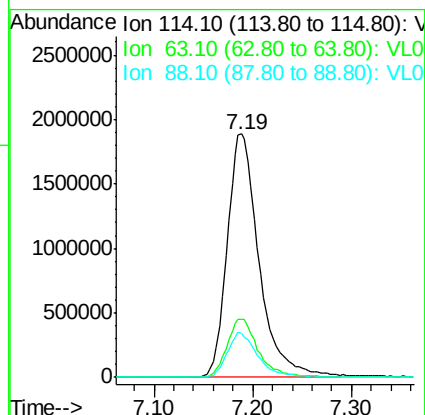
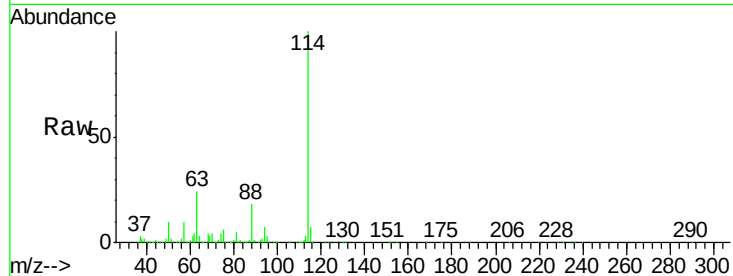
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min Scan# 1369
 Delta R.T. 0.03 min
 Lab File: VL037600.D
 Acq: 9 Sep 2021 16:02

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-4DL2

Tot Ion:	114	Resp:	4260815
Ion	Ratio	Lower	Upper
114	100		
63	24.0	19.3	28.9
88	18.0	14.2	21.4

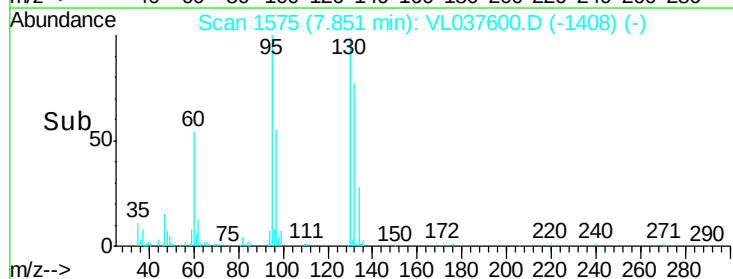
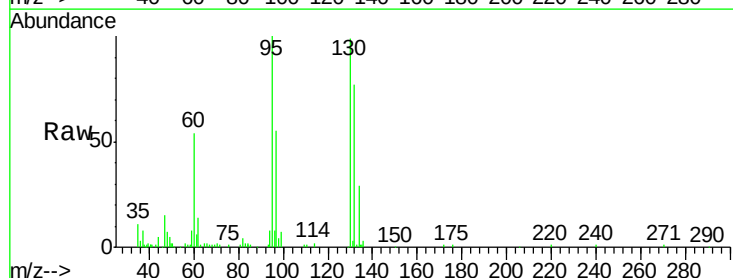
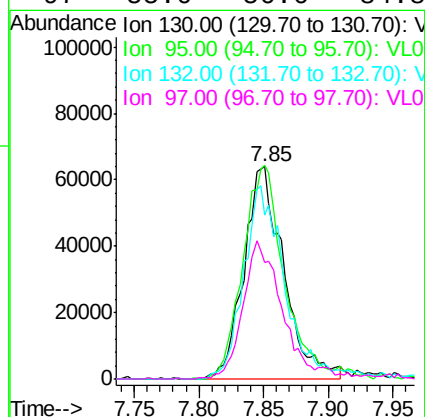
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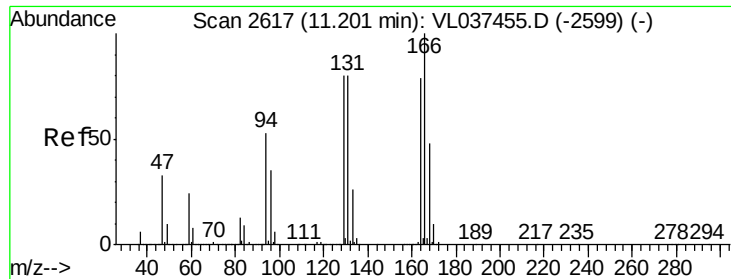
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#38
 Trichloroethene
 Concen: 0.935 ppbv m
 RT: 7.85 min Scan# 1575
 Delta R.T. 0.04 min
 Lab File: VL037600.D
 Acq: 9 Sep 2021 16:02

Tgt Ion:	130	Resp:	137385
Ion	Ratio	Lower	Upper
130	100		
95	100.5	89.2	133.8
132	77.1	74.0	111.0
97	55.0	56.6	84.8#





#52

Tetrachloroethene

Concen: 11.869 ppbv

RT: 11.24 min Scan# 2629

Delta R.T. 0.04 min

Lab File: VL037600.D

Acq: 9 Sep 2021 16:02

Instrument :

MSVOA_L

ClientSampleId :

SV-4DL2

Tot Ion:164 Resp: 1742134

Ion Ratio Lower Upper

164 100

166 125.6 100.7 151.1

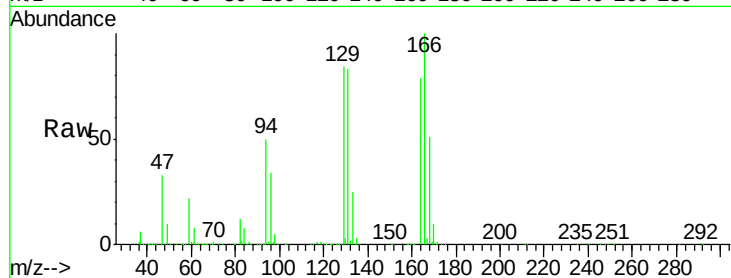
129 105.0 80.9 121.3

131 103.9 80.2 120.4

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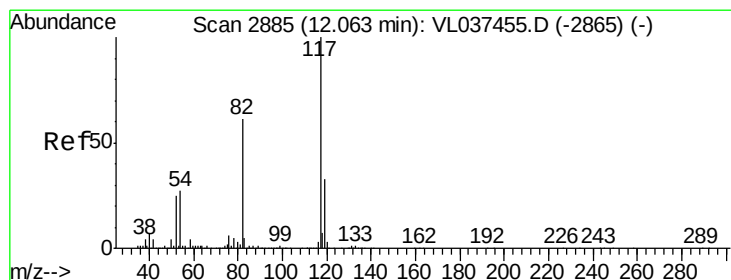
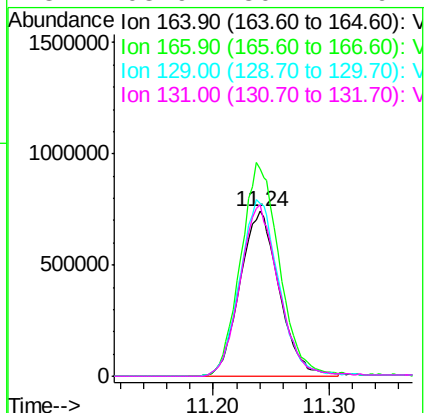
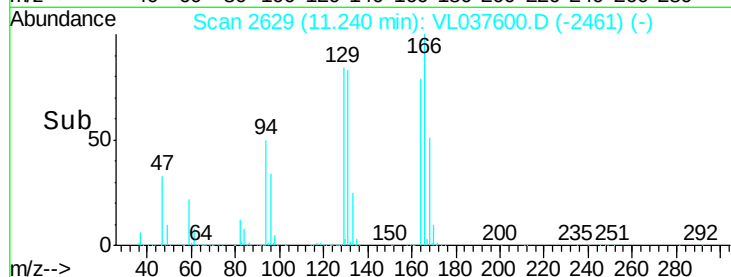


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 165.90 (165.60 to 166.60): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.10 min Scan# 2897

Delta R.T. 0.04 min

Lab File: VL037600.D

Acq: 9 Sep 2021 16:02

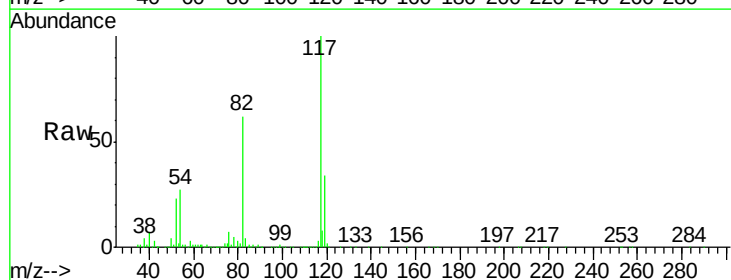
Tgt Ion:117 Resp: 3798438

Ion Ratio Lower Upper

117 100

82 63.9 52.9 79.3

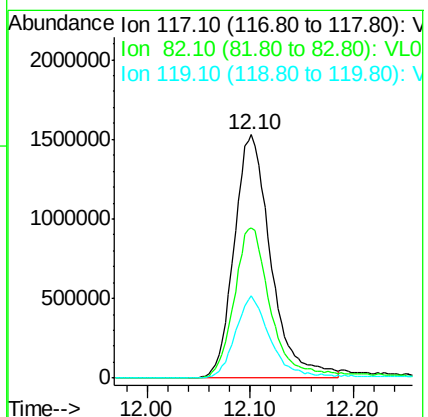
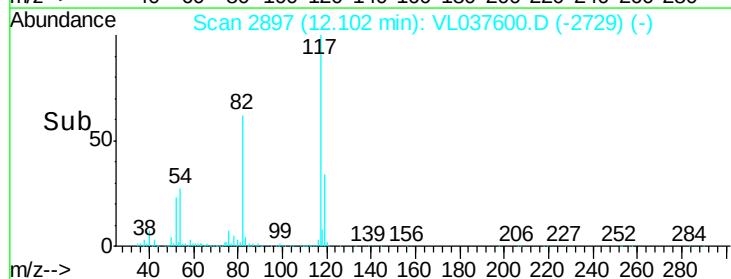
119 33.9 24.8 37.2

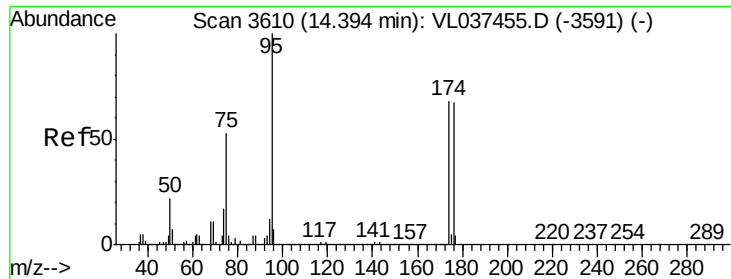


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): V

Ion 119.10 (118.80 to 119.80): V





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.582 ppbv
 RT: 14.43 min Scan# 3622
 Delta R.T. 0.04 min
 Lab File: VL037600.D
 Acq: 9 Sep 2021 16:02

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-4DL2

Tot Ion	Ratio	Lower	Upper
95	100		
174	79.8	59.6	89.4
175	5.9	4.6	7.0

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