

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL091621\
 Data File : VL037620.D
 Acq On : 16 Sep 2021 18:09
 Operator : SY/AP
 Sample : M2262-14 0.03
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT2-2021

Manual Integrations
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Quant Time: Sep 17 09:04:52 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL091621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Sep 16 13:42:46 2021
 QLast Update : Thu Sep 16 13:42:46 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1536203	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	4435297	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	3775854	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	2720073	9.97	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl Chloride	3.25	62	3319m	0.033	ppbv	
52) Tetrachloroethene	11.20	164	4276m	0.030	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.66	83	10477m	0.032	ppbv	

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

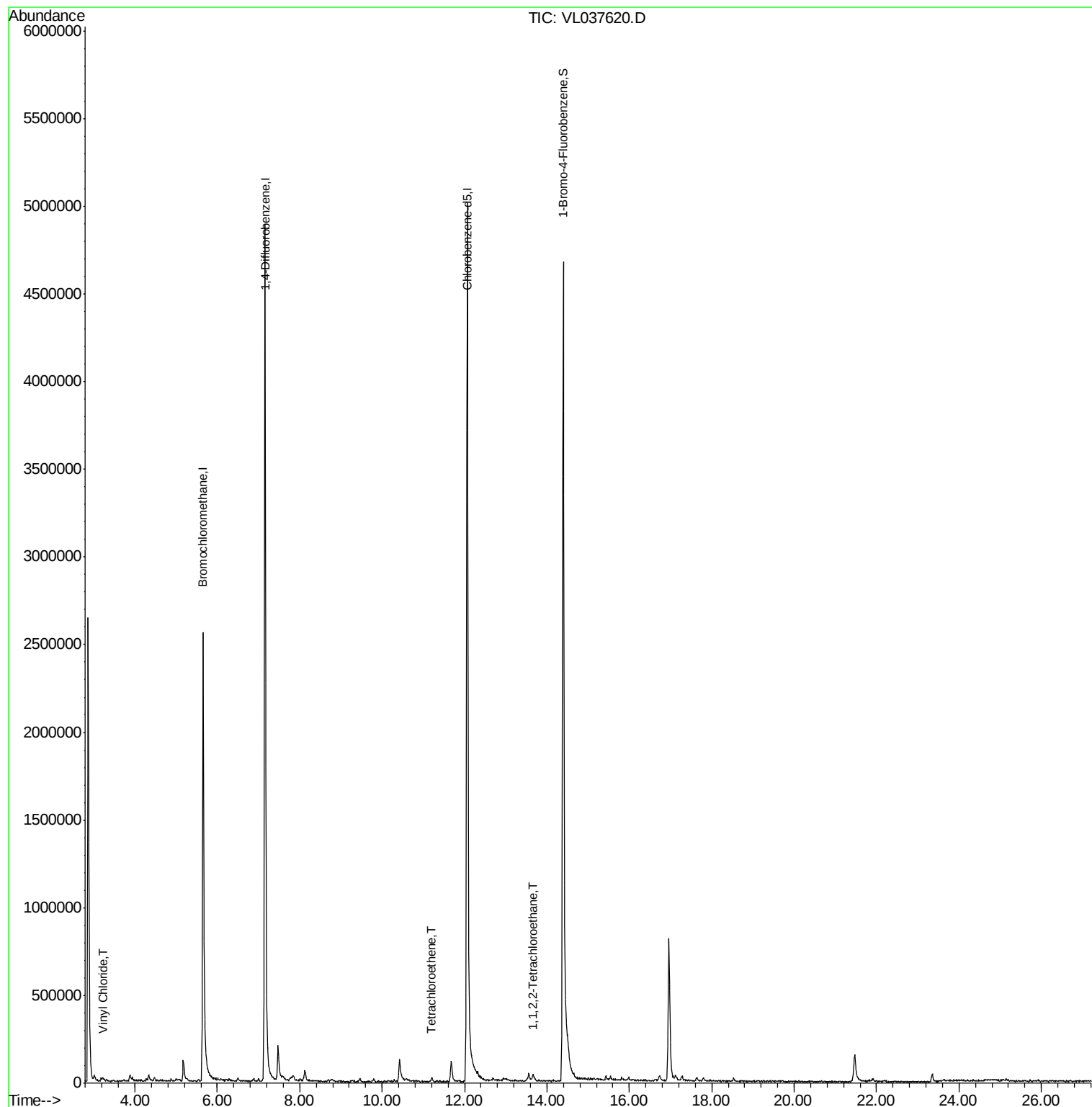
Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL091621\
Data File : VL037620.D
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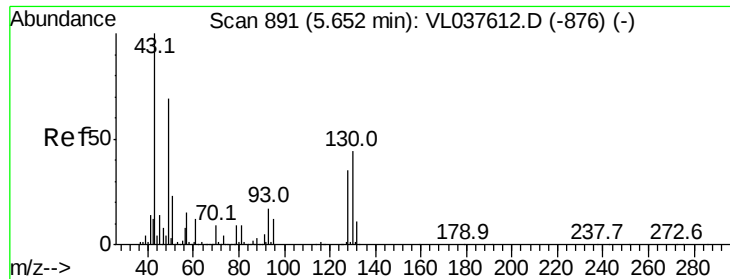
Instrument :
MSVOA_L
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LOQ-AIR-02-QT2-2021

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL091621AIR.M
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QLast Update : Thu Sep 16 13:42:46 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 891

Delta R.T. 0.00 min

Lab File: VL037620.D

Acq: 16 Sep 2021 18:09

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT2-2021

Tot Ion: 49 Resp: 1536203

Ion Ratio Lower Upper

49 100

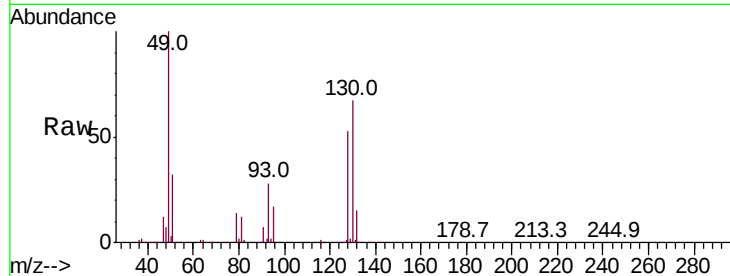
128 53.7 27.9 83.6

130 68.5 33.9 101.7

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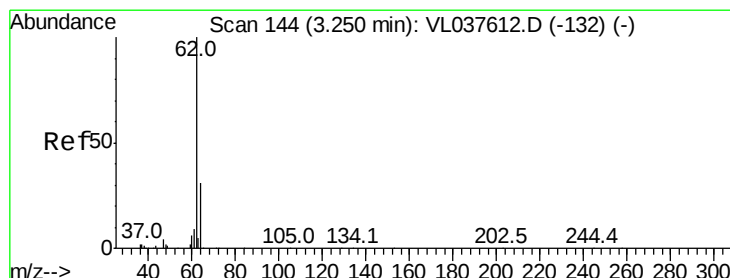
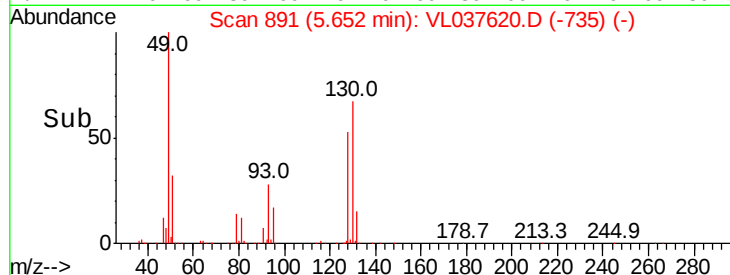
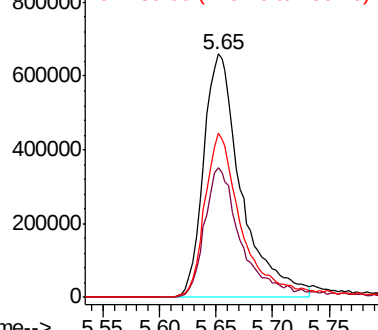
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#5

Vinyl Chloride

Concen: 0.033 ppbv m

RT: 3.25 min Scan# 143

Delta R.T. -0.00 min

Lab File: VL037620.D

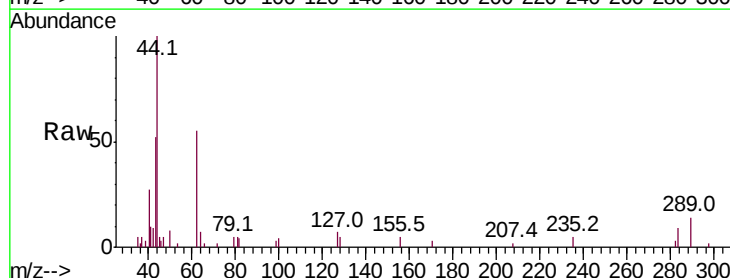
Acq: 16 Sep 2021 18:09

Tgt Ion: 62 Resp: 3319

Ion Ratio Lower Upper

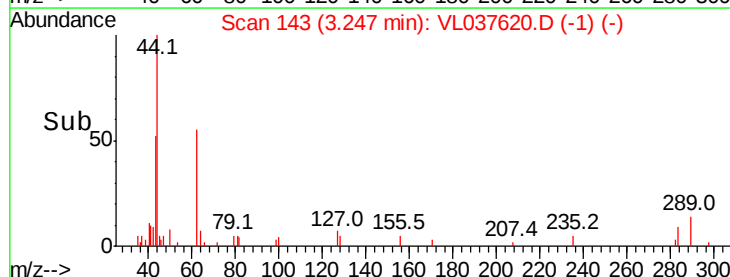
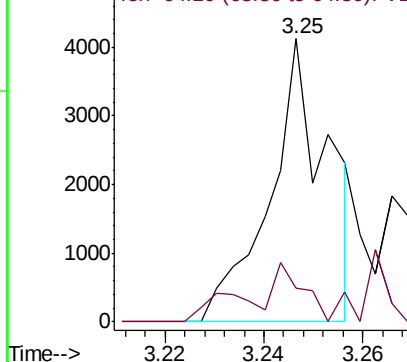
62 100

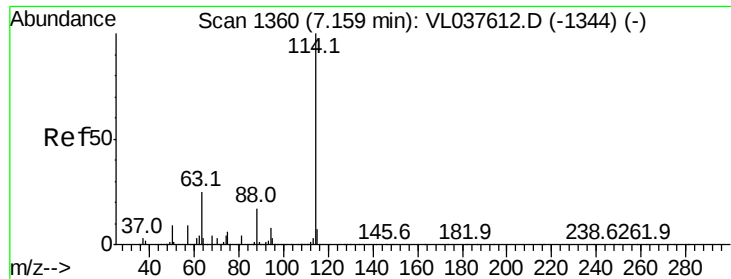
64 12.0 24.9 37.3#



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.16 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VL037620.D

Acq: 16 Sep 2021 18:09

Instrument :
MSVOA_L

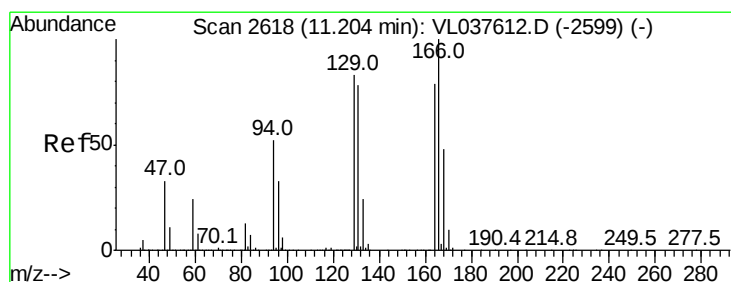
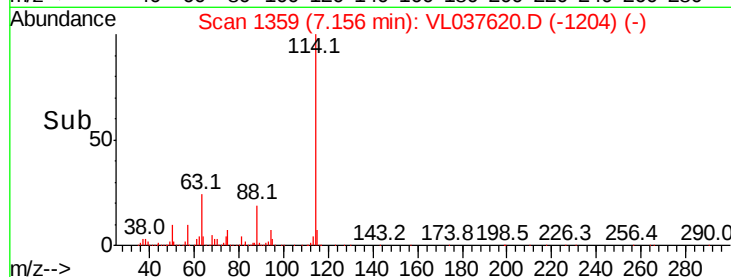
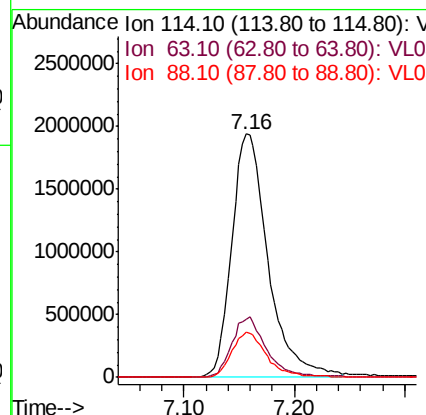
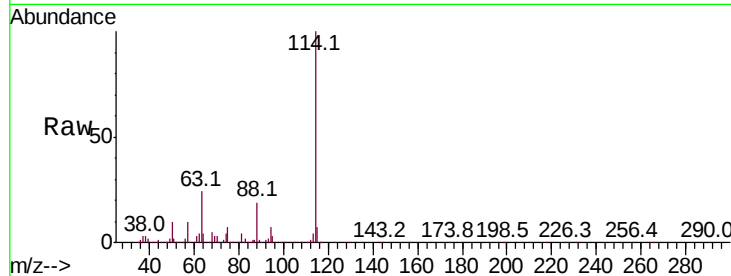
ClientSampleId :
LOQ-AIR-02-QT2-2021

Tot Ion:114 Resp: 4435297

Ion	Ratio	Lower	Upper
114	100		
63	24.0	19.6	29.4
88	18.3	14.2	21.4

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#52

Tetrachloroethene

Concen: 0.030 ppbv m

RT: 11.20 min Scan# 2618

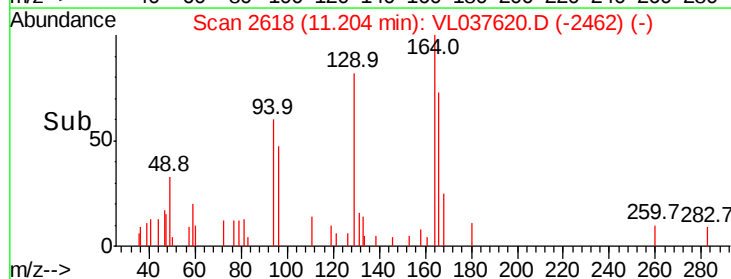
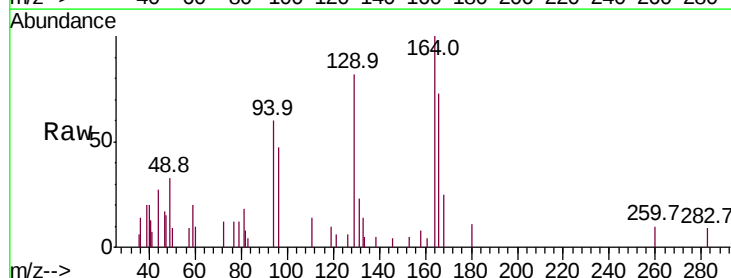
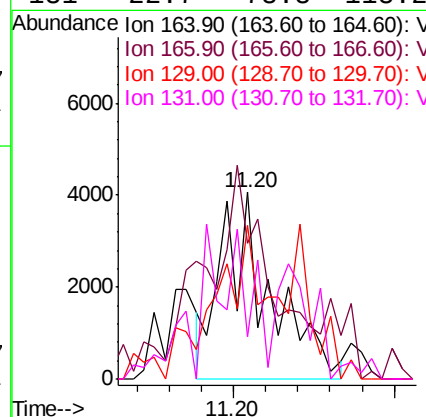
Delta R.T. 0.00 min

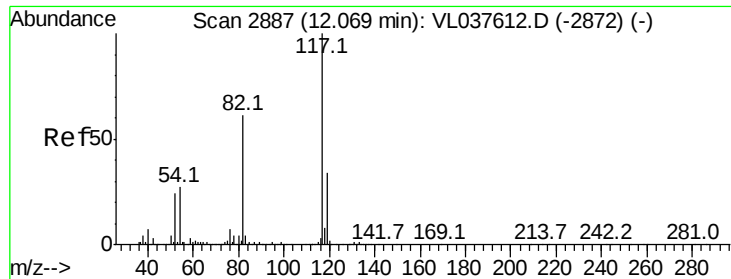
Lab File: VL037620.D

Acq: 16 Sep 2021 18:09

Tgt Ion:164 Resp: 4276

Ion	Ratio	Lower	Upper
164	100		
166	72.6	101.2	151.8#
129	82.4	84.0	126.0#
131	22.7	78.8	118.2#





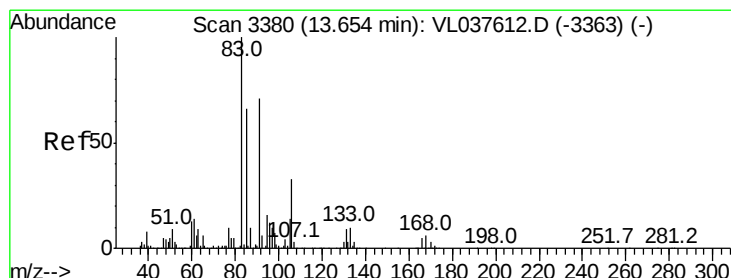
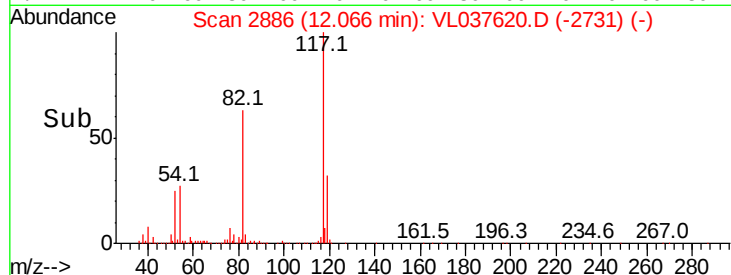
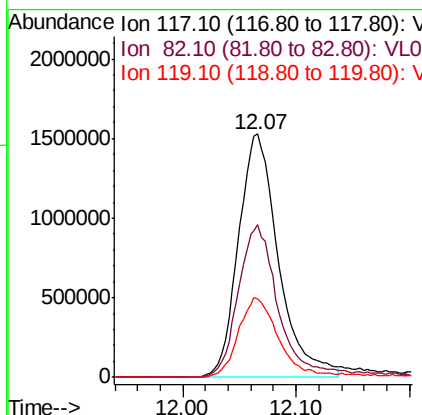
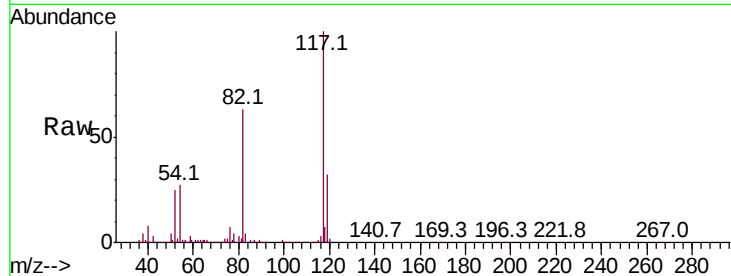
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2886
Delta R.T. -0.00 min
Lab File: VL037620.D
Acq: 16 Sep 2021 18:09

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2021

Tot Ion:117 Resp: 3775854
Ion Ratio Lower Upper
117 100
82 65.5 50.6 75.8
119 33.7 26.2 39.2

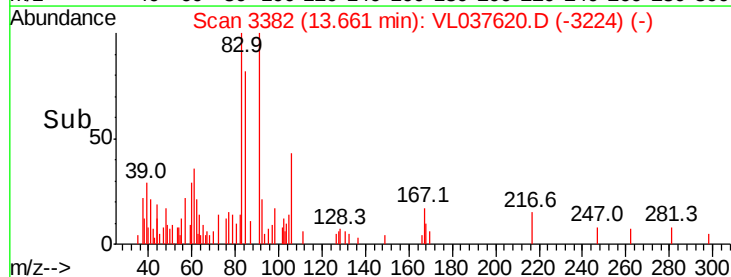
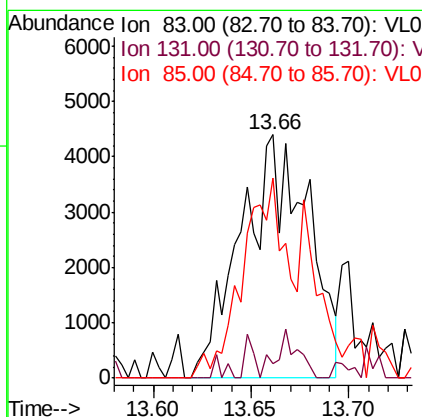
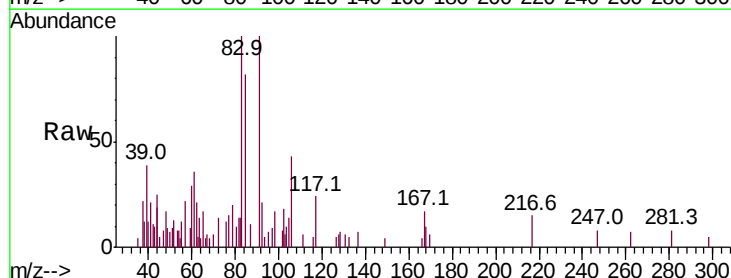
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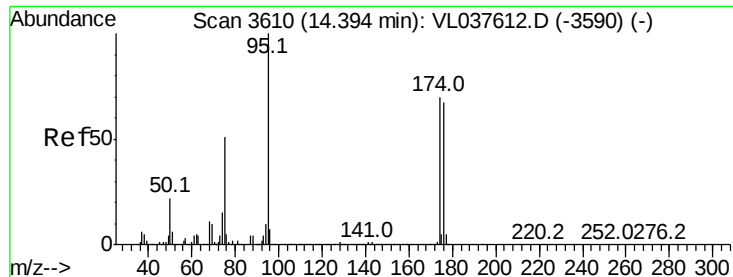
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#63
1,1,2,2-Tetrachloroethane
Concen: 0.032 ppbv m
RT: 13.66 min Scan# 3382
Delta R.T. 0.01 min
Lab File: VL037620.D
Acq: 16 Sep 2021 18:09

Tgt Ion: 83 Resp: 10477
Ion Ratio Lower Upper
83 100
131 0.0 5.1 15.3#
85 0.0 33.3 99.9#





#68

1-Bromo-4-Fluorobenzene

Concen: 9.968 ppbv

RT: 14.39 min Scan# 3610

Delta R.T. 0.00 min

Lab File: VL037620.D

Acq: 16 Sep 2021 18:09

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT2-2021

Tot Ion: 95 Resp: 2720073

Ion Ratio Lower Upper

95 100

174 75.6 56.3 84.5

175 5.4 4.4 6.6

Manual Integrations
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