

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL052521\
 Data File : VL037061.D
 Acq On : 25 May 2021 15:14
 Operator : SY/AP
 Sample : M2262-15 0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT2-2021

Manual Integrations
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MMDadoda
 5/27/2021 10:31:49 AM

Quant Time: May 26 01:36:57 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL051821AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 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	5.65	49	1054710	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	3116466	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	2697072	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.40	95	1998434	9.86	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Vinyl Chloride	3.24	62	3232m	0.045	ppbv	
32) 1,1,1-Trichloroethane	6.49	97	7684m	0.038	ppbv	
35) Carbon Tetrachloride	7.00	117	7829m	0.038	ppbv	
38) Trichloroethene	7.82	130	5287m	0.046	ppbv	
52) Tetrachloroethene	11.21	164	4865m	0.046	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.68	83	9684m	0.043	ppbv	

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

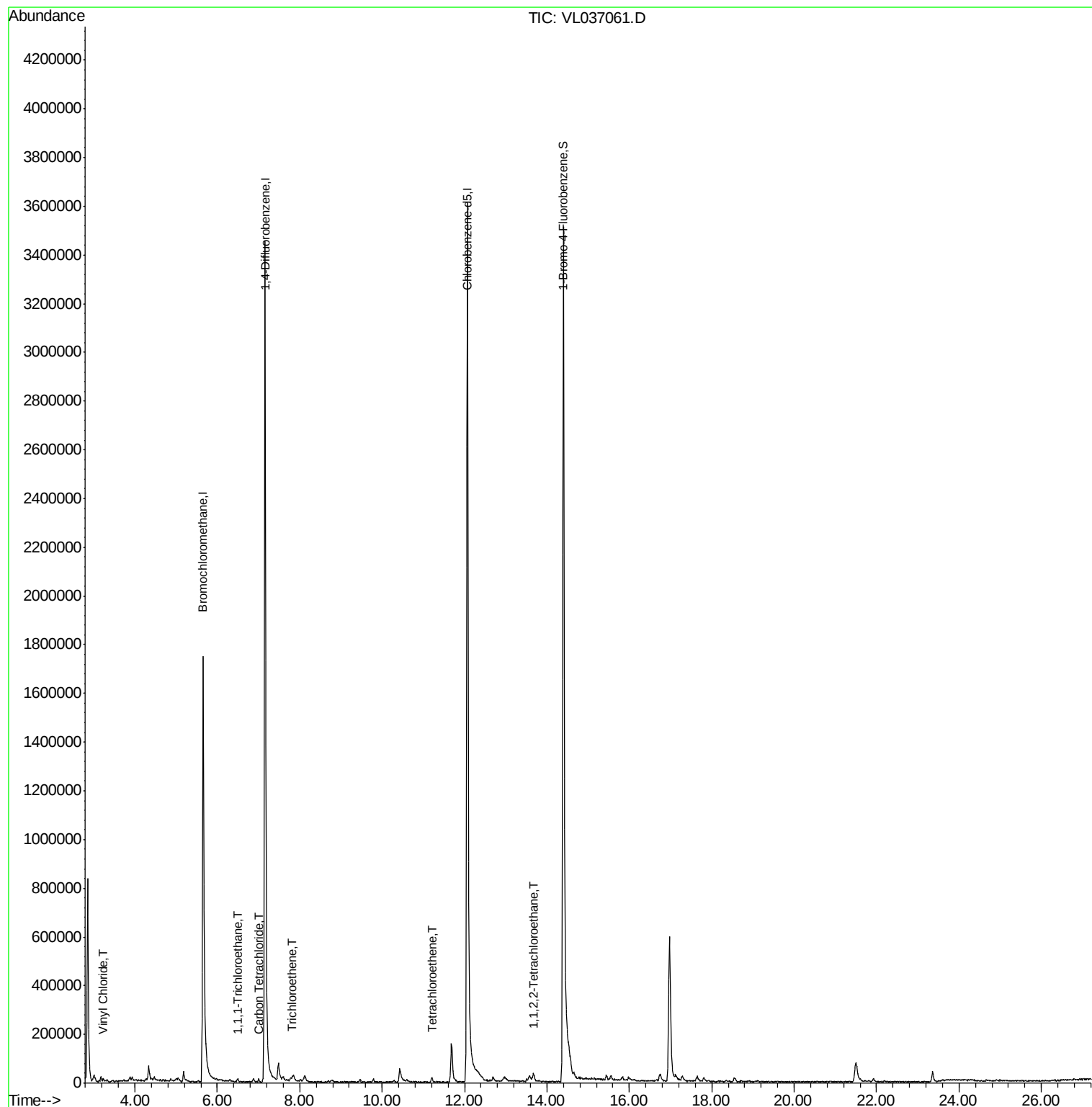
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL052521\
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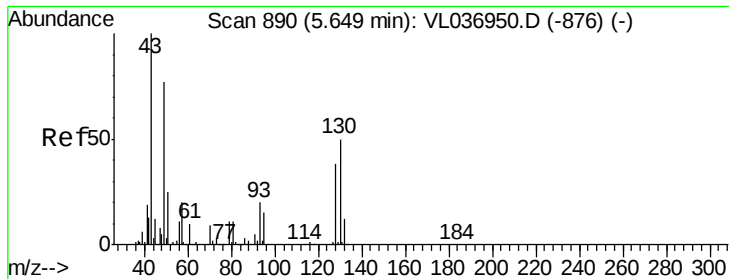
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QLast Update : Tue May 18 12:00:15 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 891

Delta R.T. 0.00 min

Lab File: VL037061.D

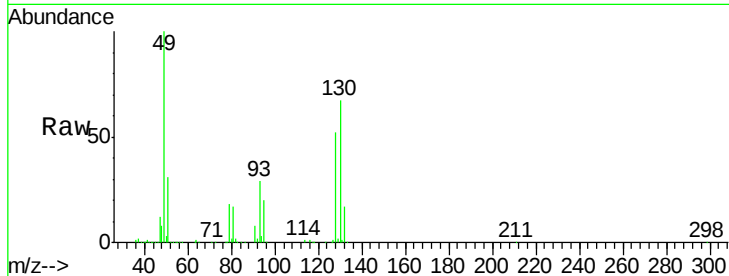
Acq: 25 May 2021 15:14

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT2-2021



Tgt Ion: 49 Resp: 1054710

Ion Ratio Lower Upper

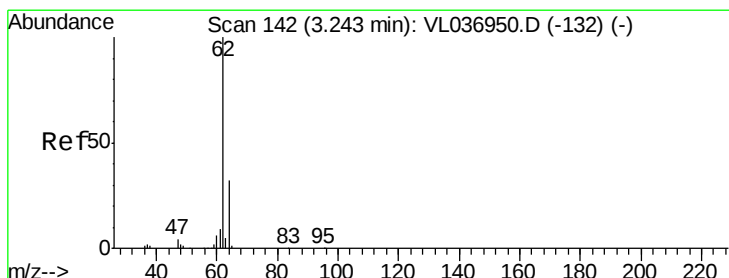
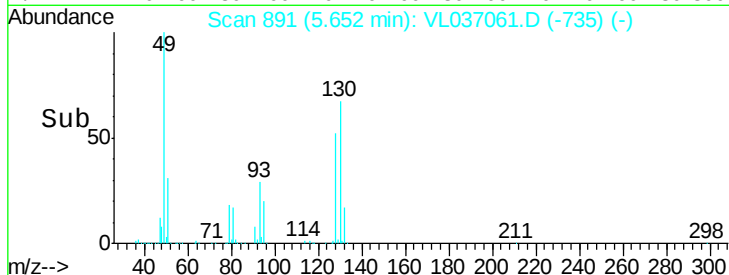
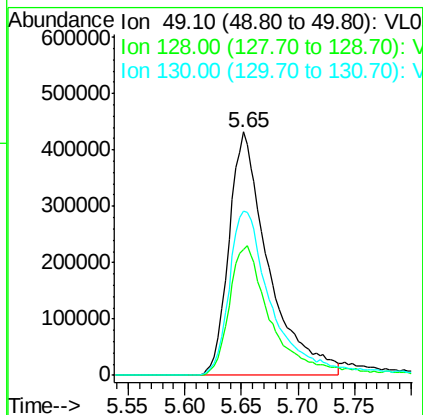
49 100

128 58.9 26.9 80.7

130 74.4 33.8 101.4

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#5

Vinyl Chloride

Concen: 0.045 ppbv m

RT: 3.24 min Scan# 142

Delta R.T. -0.00 min

Lab File: VL037061.D

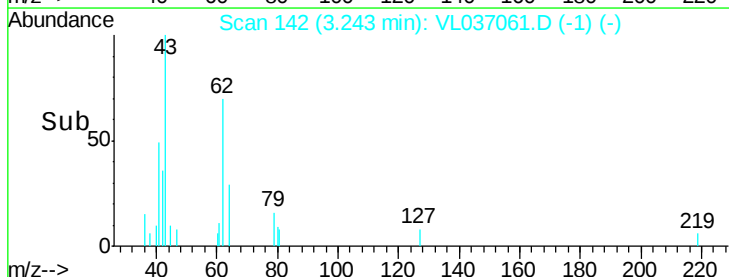
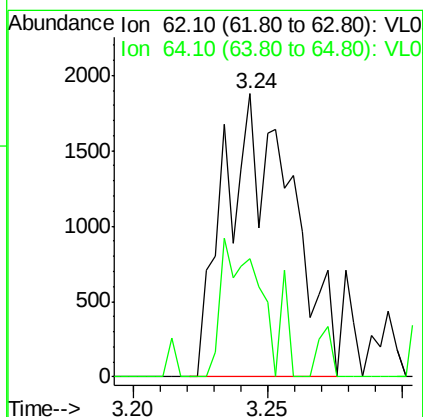
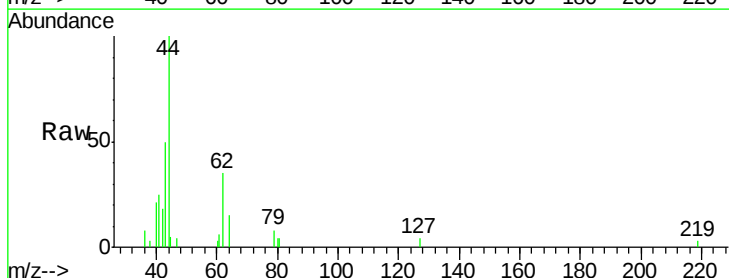
Acq: 25 May 2021 15:14

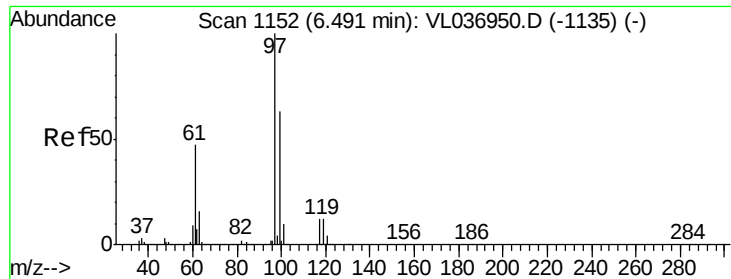
Tgt Ion: 62 Resp: 3232

Ion Ratio Lower Upper

62 100

64 41.9 25.9 38.9#





#32

1,1,1-Trichloroethane

Concen: 0.038 ppbv m

RT: 6.49 min Scan# 1151

Delta R.T. -0.00 min

Lab File: VL037061.D

Acq: 25 May 2021 15:14

Instrument :

MSVOA_L

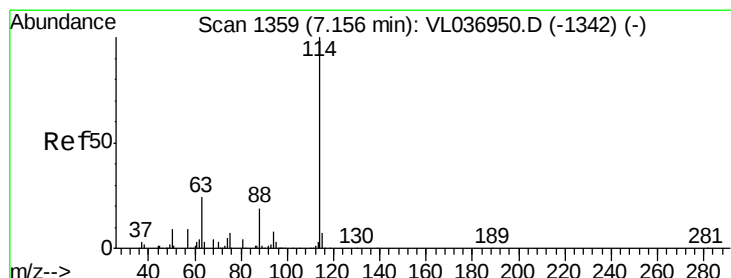
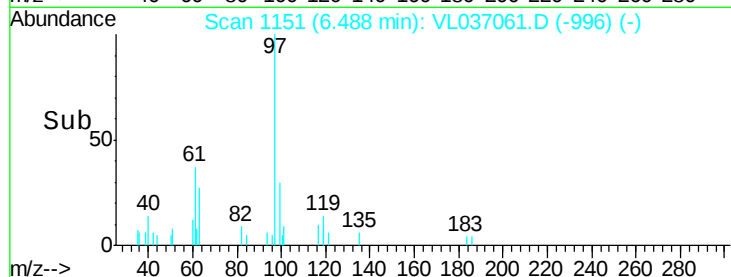
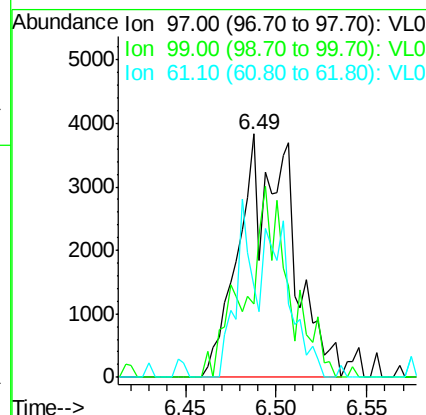
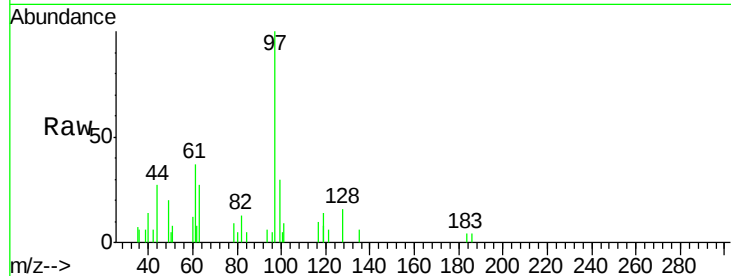
ClientSampleId :

MDL-AIR-03-QT2-2021

Tgt Ion:	97	Resp:	7684
Ion Ratio	Lower	Upper	
97	100		
99	65.3	51.9	77.9
61	0.0	37.6	56.4#

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#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

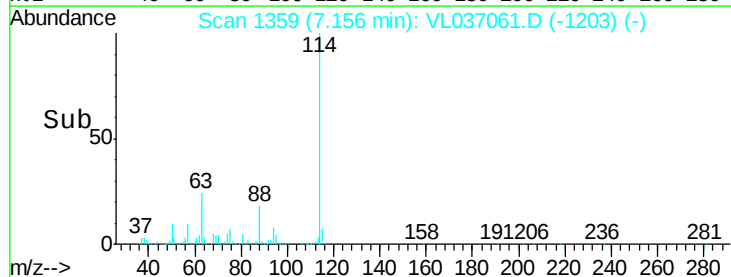
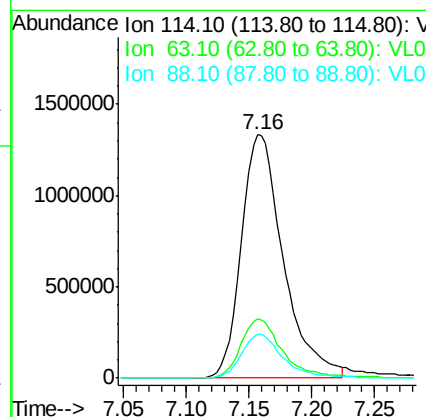
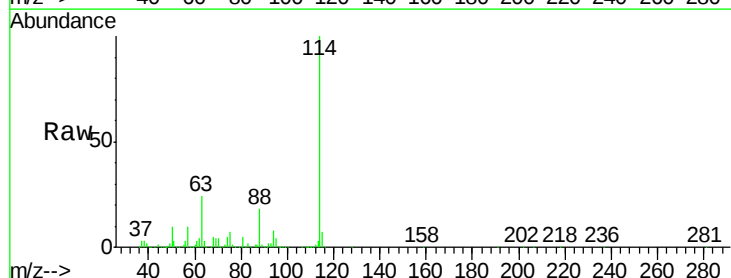
RT: 7.16 min Scan# 1359

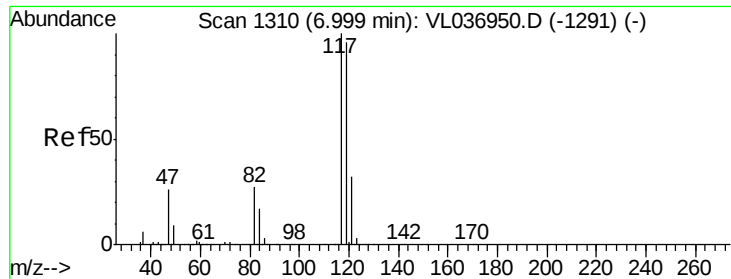
Delta R.T. -0.00 min

Lab File: VL037061.D

Acq: 25 May 2021 15:14

Tgt Ion:	114	Resp:	3116466
Ion Ratio	Lower	Upper	
114	100		
63	24.7	19.6	29.4
88	18.1	14.6	21.8





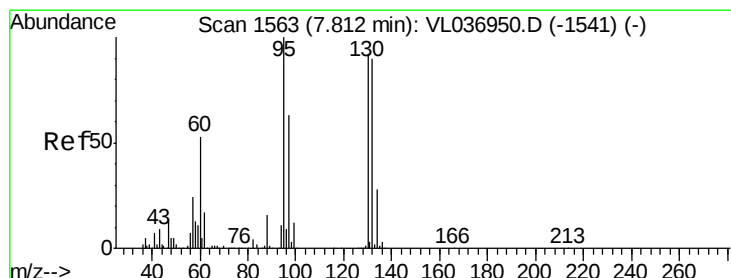
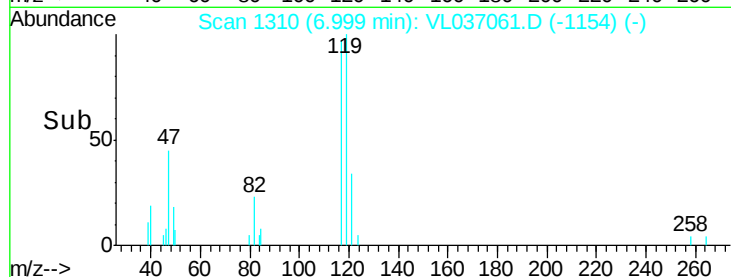
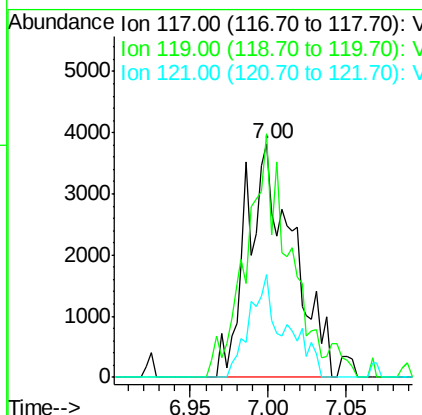
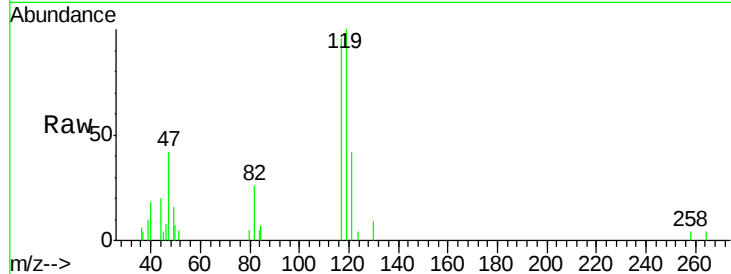
#35
Carbon Tetrachloride
Concen: 0.038 ppbv m
RT: 7.00 min Scan# 1310
Delta R.T. -0.00 min
Lab File: VL037061.D
Acq: 25 May 2021 15:14

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2021

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	7829		
119	104.3	76.6	114.8	
121	44.0	25.8	38.6#	

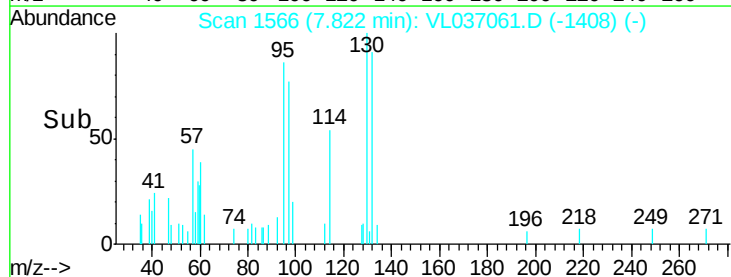
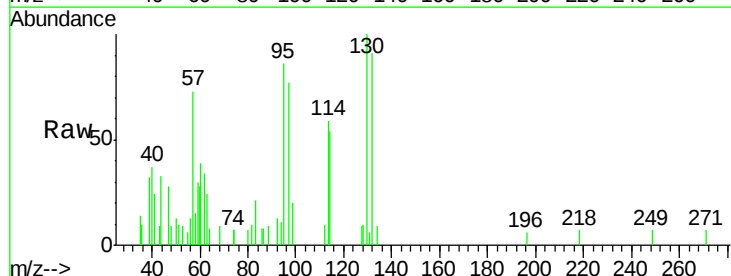
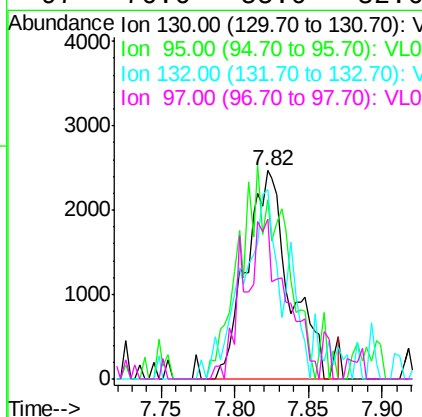
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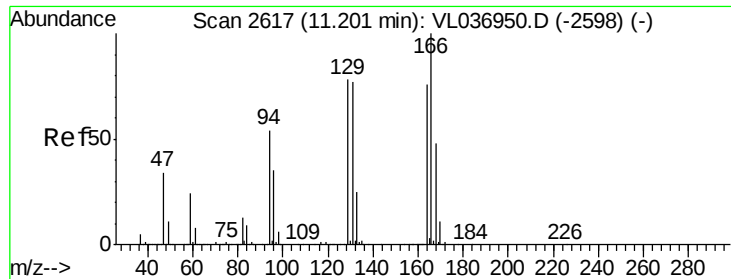
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#38
Trichloroethene
Concen: 0.046 ppbv m
RT: 7.82 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VL037061.D
Acq: 25 May 2021 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
130	100	5287		
95	85.9	86.9	130.3#	
132	91.0	78.4	117.6	
97	76.6	55.0	82.6	





#52

Tetrachloroethene

Concen: 0.046 ppbv m

RT: 11.21 min Scan# 2619

Delta R.T. 0.01 min

Lab File: VL037061.D

Acq: 25 May 2021 15:14

Instrument :

MSVOA_L

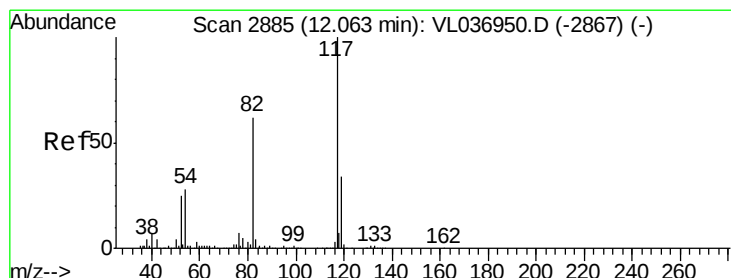
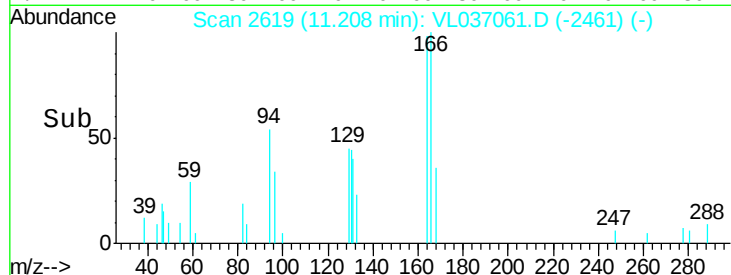
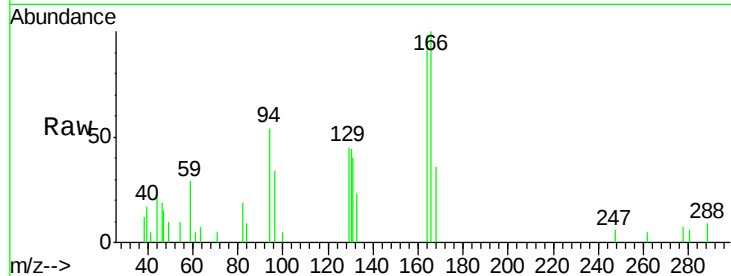
ClientSampleId :

MDL-AIR-03-QT2-2021

Tgt Ion	Ratio	Lower	Upper
164	100		
166	102.1	105.5	158.3#
129	45.9	81.8	122.8#
131	44.8	81.2	121.8#

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

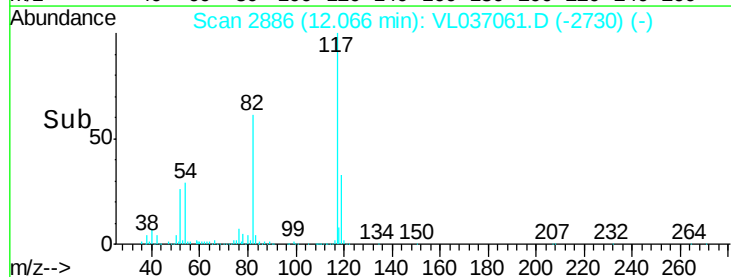
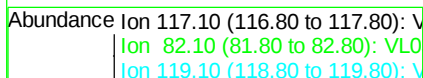
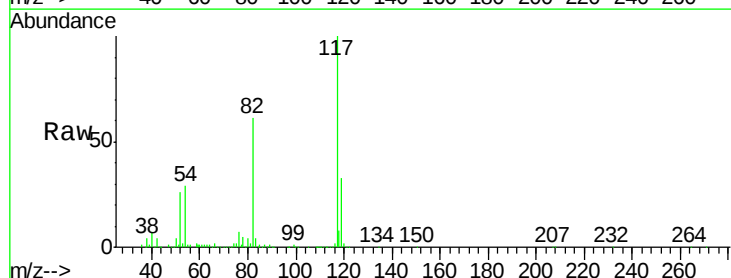
RT: 12.07 min Scan# 2886

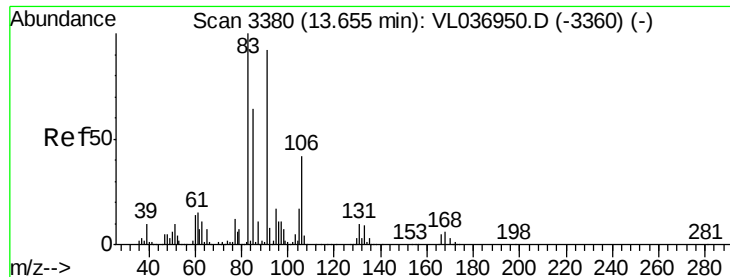
Delta R.T. 0.00 min

Lab File: VL037061.D

Acq: 25 May 2021 15:14

Tgt Ion	Ratio	Lower	Upper
117	100		
82	66.4	52.6	79.0
119	35.7	46.6	70.0#





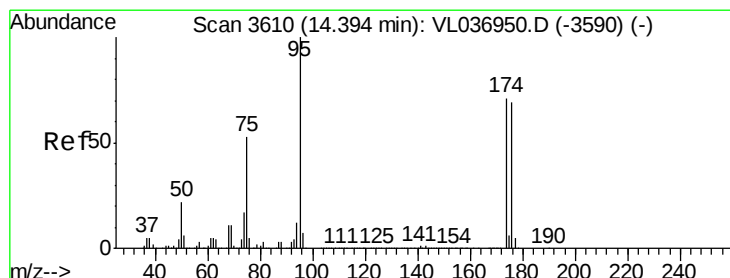
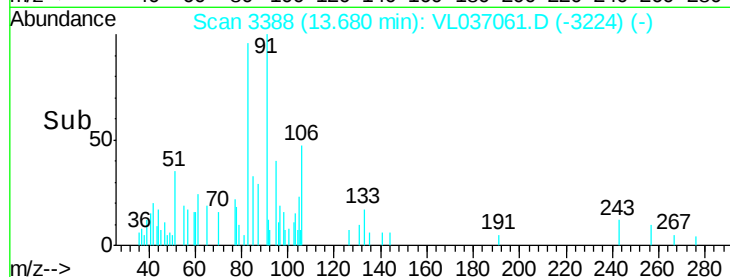
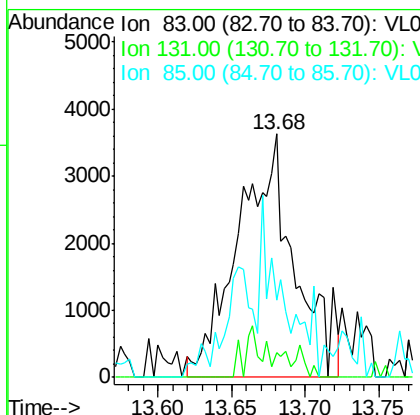
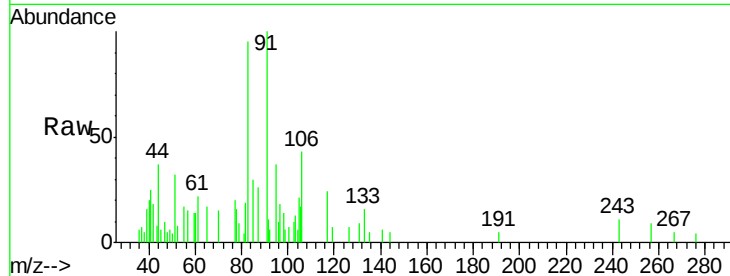
#63
 1,1,2,2-Tetrachloroethane
 Concen: 0.043 ppbv
 RT: 13.68 min Scan# 3388
 Delta R.T. 0.03 min
 Lab File: VL037061.D
 Acq: 25 May 2021 15:14

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT2-2021

Tgt Ion	Ratio	Lower	Upper
83	100		
131	0.4	5.0	15.0#
85	1.9	32.9	98.6#

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#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.863 ppbv
 RT: 14.40 min Scan# 3612
 Delta R.T. 0.01 min
 Lab File: VL037061.D
 Acq: 25 May 2021 15:14

Tgt Ion	Ratio	Lower	Upper
95	100		
174	75.7	58.4	87.6
175	5.4	4.4	6.6

