

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL022521\
 Data File : VL036388.D
 Acq On : 25 Feb 2021 19:30
 Operator : SY/AP
 Sample : M1458-14 0.03LOQ
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-01-QT1-2021

Manual Integrations
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 3/1/2021 10:03:04 AM

Quant Time: Feb 26 15:53:41 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL021021AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 10
 QLast Update : Wed Feb 10 16:04:02 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1545560	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	3309319	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	2997761	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2351282	9.53	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
32) 1,1,1-Trichloroethane	6.48	97	9007m	0.040	ppbv	
35) Carbon Tetrachloride	7.01	117	8109m	0.037	ppbv	
38) Trichloroethene	7.82	130	3967m	0.039	ppbv	
52) Tetrachloroethene	11.22	164	4243m	0.041	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.67	83	11739m	0.043	ppbv	

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

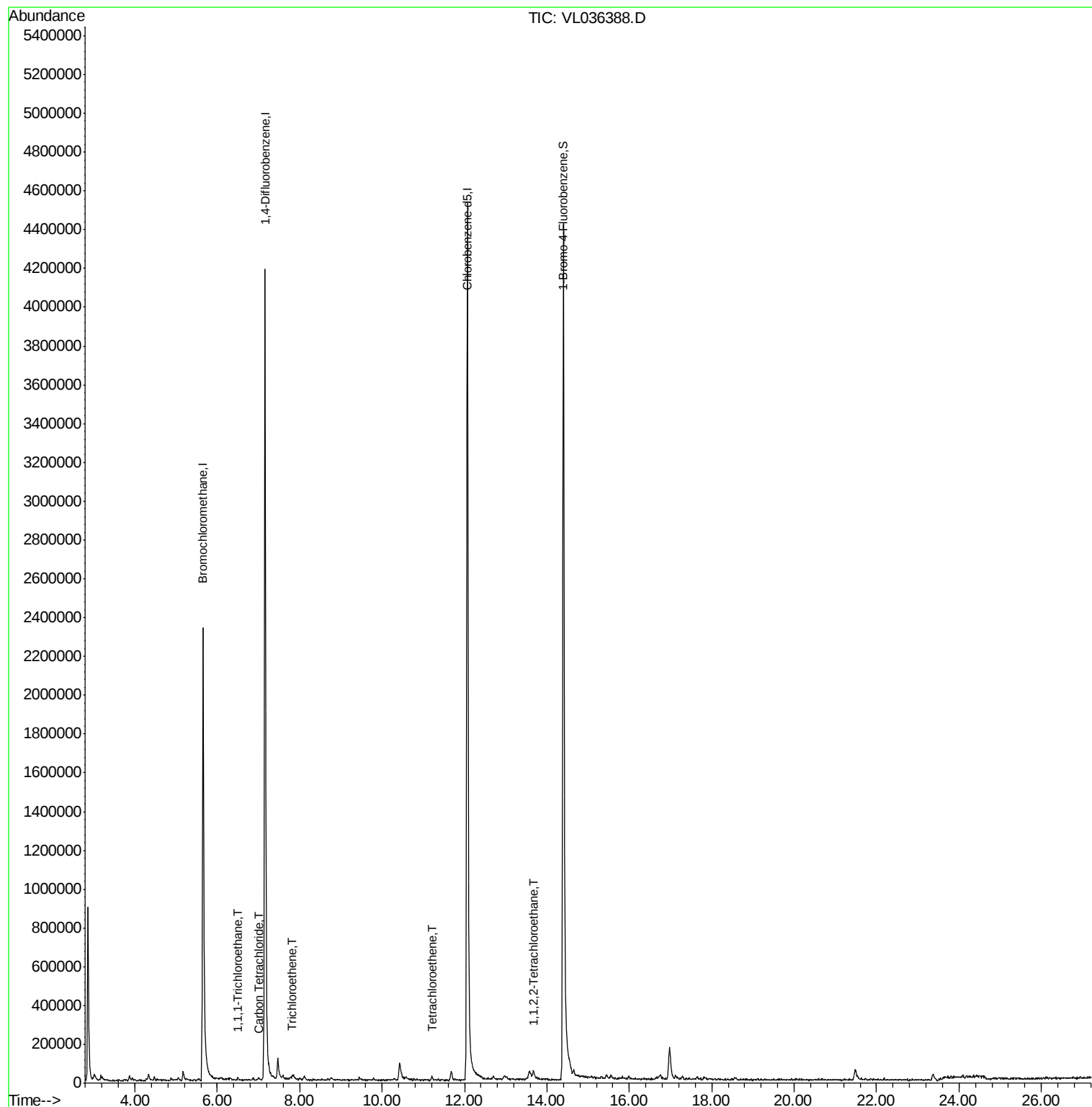
Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL022521\
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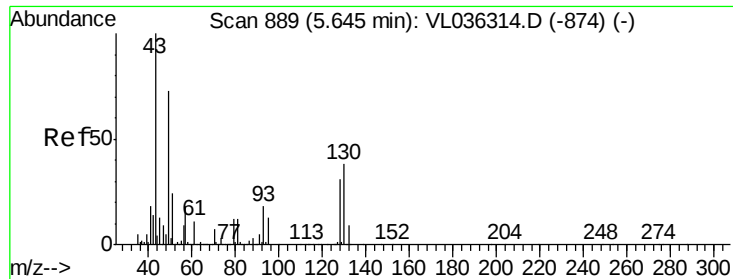
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QLast Update : Wed Feb 10 16:04:02 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 891

Delta R.T. 0.01 min

Lab File: VL036388.D

Acq: 25 Feb 2021 19:30

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-01-QT1-2021

Tot Ion: 49 Resp: 1545560

Ion Ratio Lower Upper

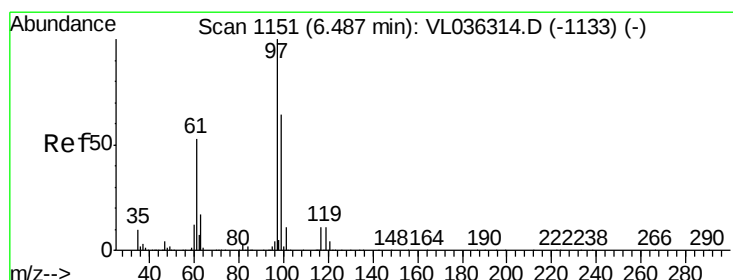
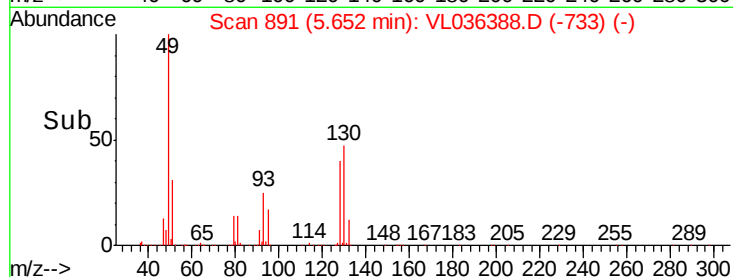
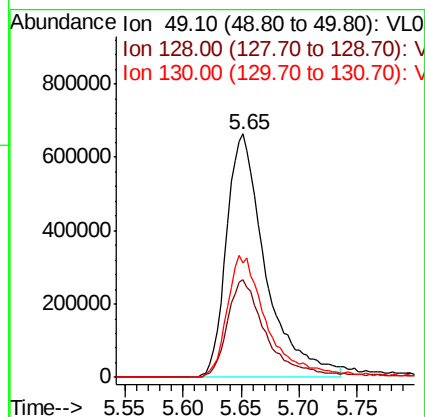
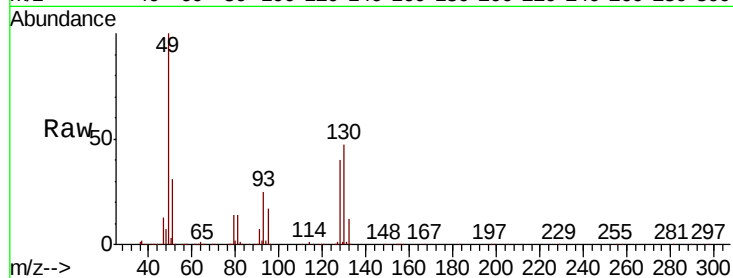
49 100

128 41.3 20.8 62.5

130 53.7 26.7 80.1

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#32

1,1,1-Trichloroethane

Concen: 0.040 ppbv m

RT: 6.48 min Scan# 1149

Delta R.T. -0.01 min

Lab File: VL036388.D

Acq: 25 Feb 2021 19:30

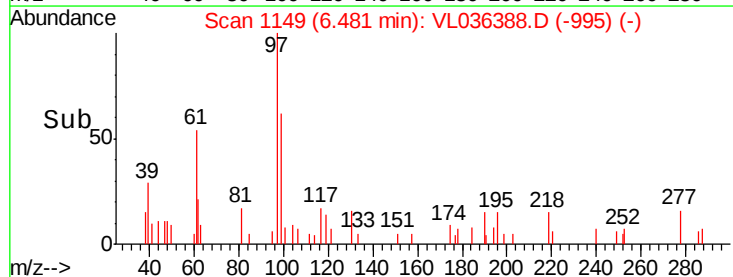
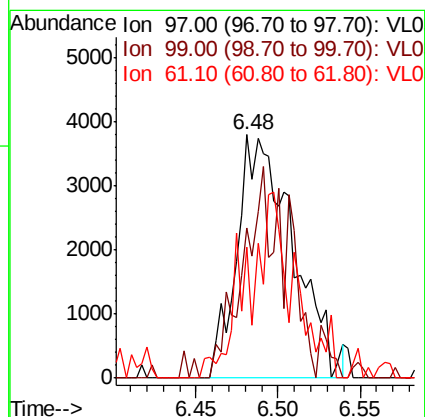
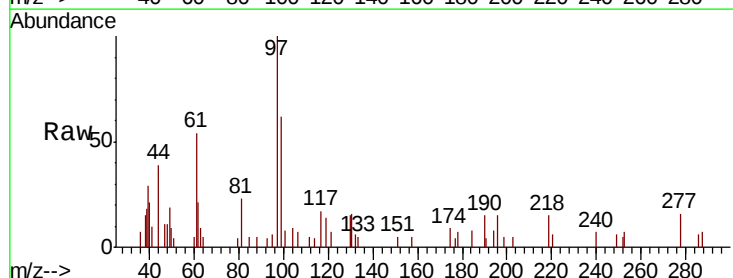
Tgt Ion: 97 Resp: 9007

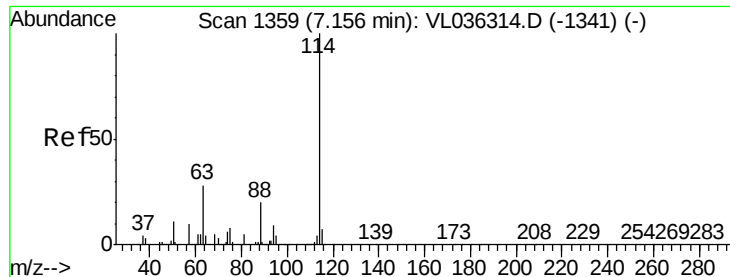
Ion Ratio Lower Upper

97 100

99 0.0 52.2 78.4#

61 65.9 43.3 64.9#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.16 min Scan# 1360

Delta R.T. 0.00 min

Lab File: VL036388.D

Acq: 25 Feb 2021 19:30

Instrument :

MSVOA_L

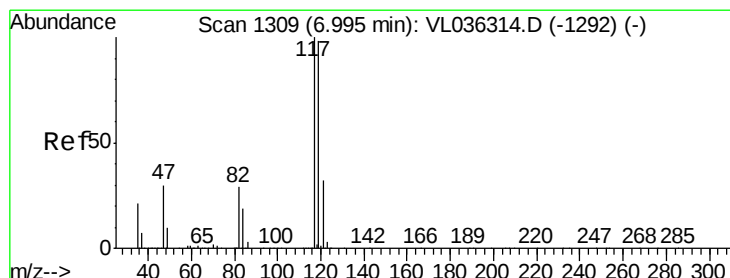
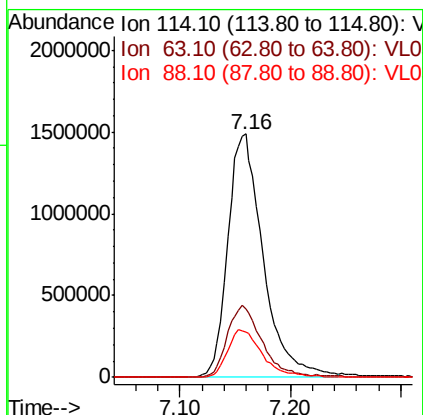
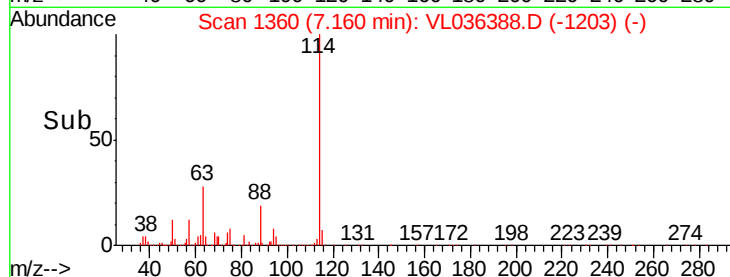
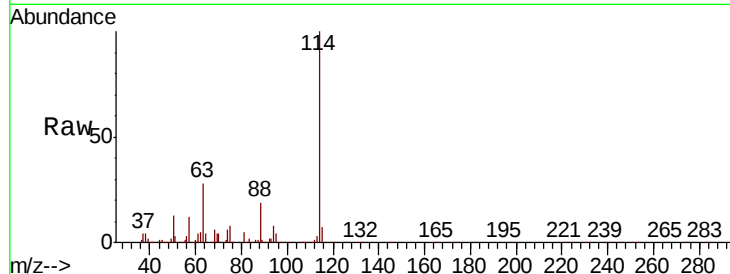
ClientSampleId :

LOQ-AIR-01-QT1-2021

Tot Ion:	114	Resp:	3309319
Ion	Ratio	Lower	Upper
114	100		
63	29.8	24.1	36.1
88	19.6	16.0	24.0

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#35

Carbon Tetrachloride

Concen: 0.037 ppbv m

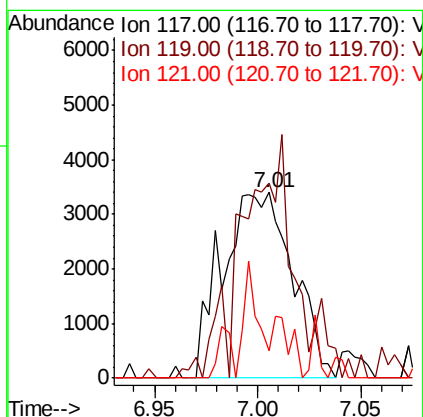
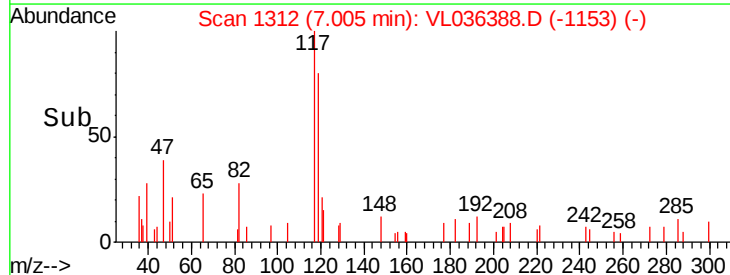
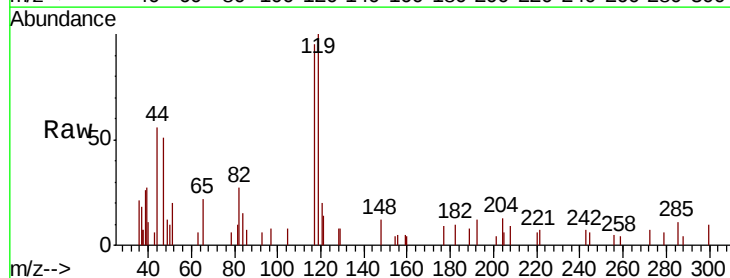
RT: 7.01 min Scan# 1312

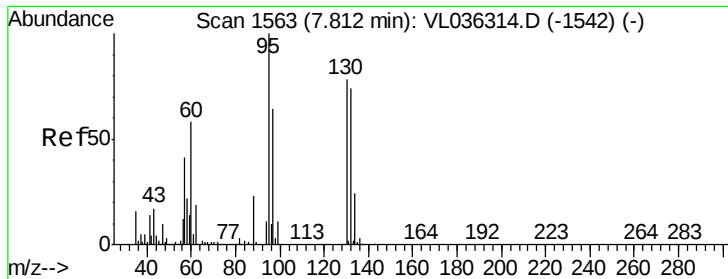
Delta R.T. 0.01 min

Lab File: VL036388.D

Acq: 25 Feb 2021 19:30

Tgt Ion:	117	Resp:	8109
Ion	Ratio	Lower	Upper
117	100		
119	105.1	78.1	117.1
121	15.0	25.8	38.8#





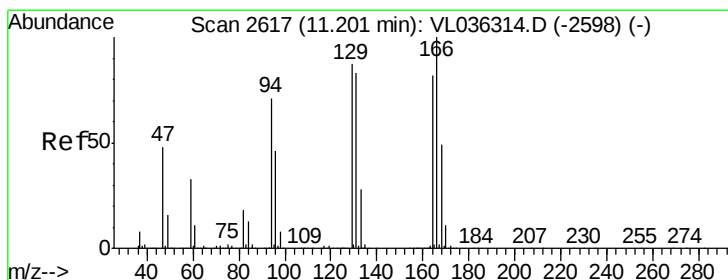
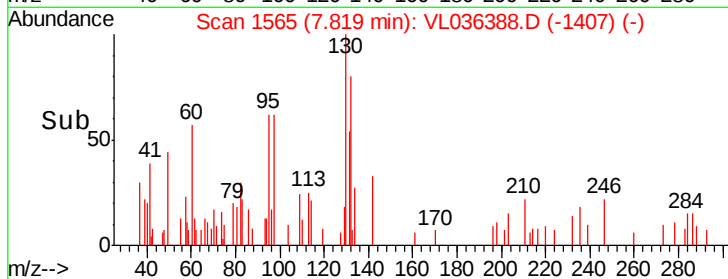
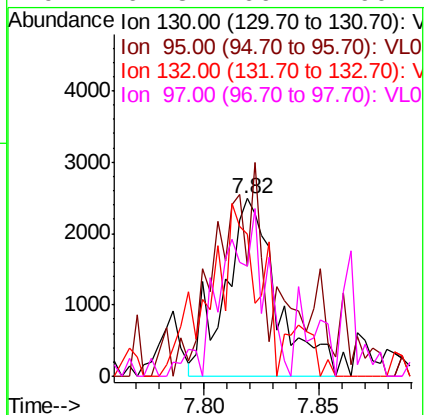
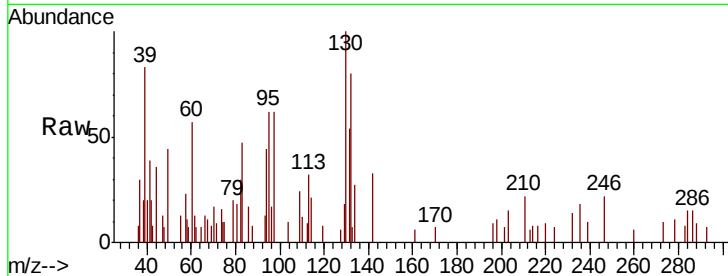
#38
 Trichloroethene
 Concen: 0.039 ppbv m
 RT: 7.82 min Scan# 1565
 Delta R.T. 0.01 min
 Lab File: VL036388.D
 Acq: 25 Feb 2021 19:30

Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-01-QT1-2021

Tot Ion	Ratio	Lower	Upper
130	100		
95	62.2	102.8	154.2#
132	80.3	75.7	113.5
97	61.8	66.2	99.2#

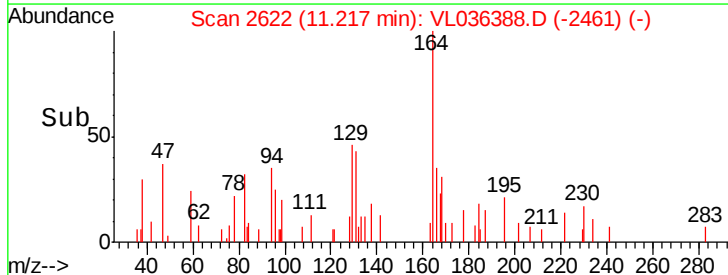
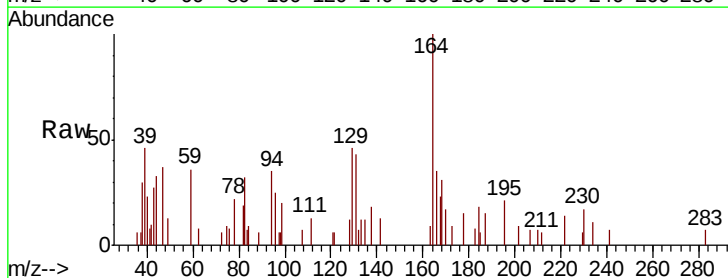
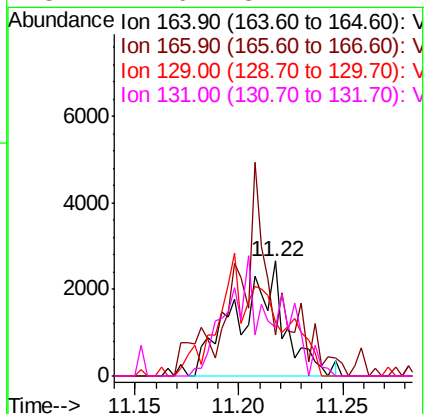
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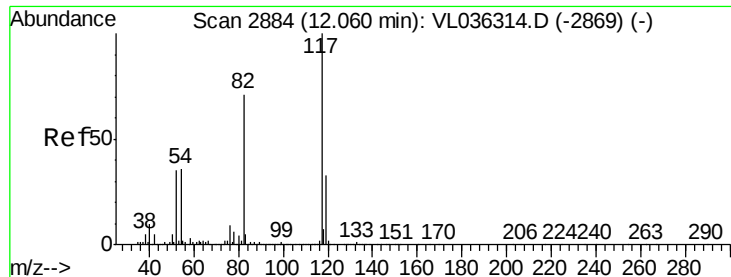
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#52
 Tetrachloroethene
 Concen: 0.041 ppbv m
 RT: 11.22 min Scan# 2622
 Delta R.T. 0.02 min
 Lab File: VL036388.D
 Acq: 25 Feb 2021 19:30

Tgt Ion	Ratio	Lower	Upper
164	100		
166	35.5	97.8	146.8#
129	46.3	84.9	127.3#
131	42.6	81.4	122.2#





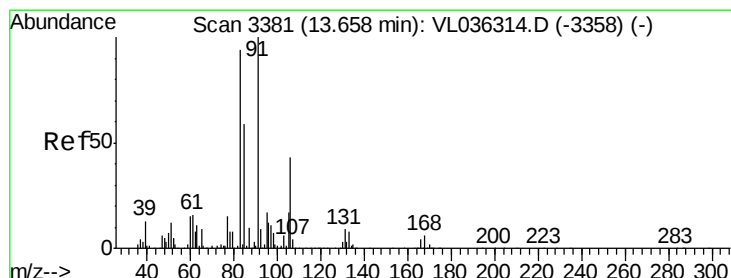
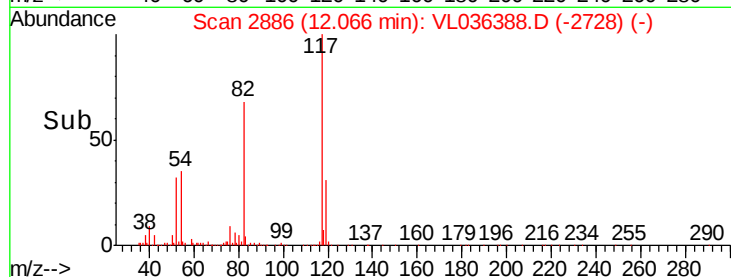
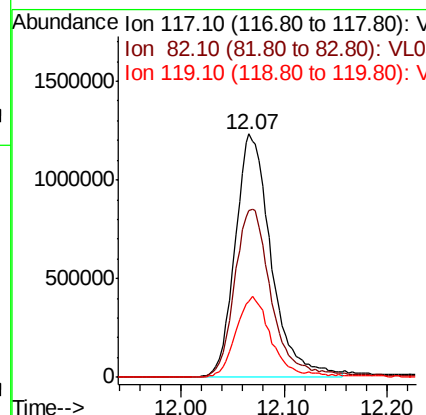
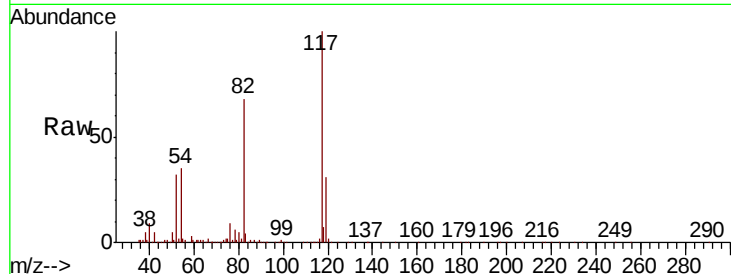
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2886
Delta R.T. 0.01 min
Lab File: VL036388.D
Acq: 25 Feb 2021 19:30

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-01-QT1-2021

Tot Ion	Ratio	Lower	Upper
117	100		
82	72.8	59.1	88.7
119	33.8	46.3	69.5#

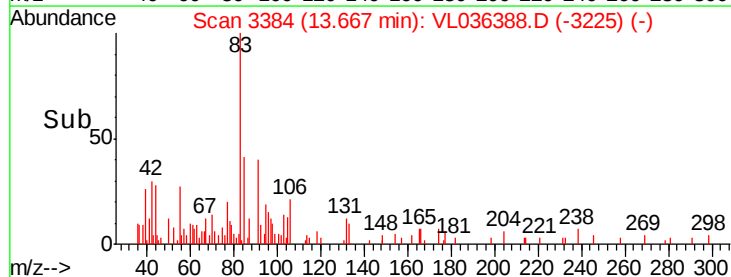
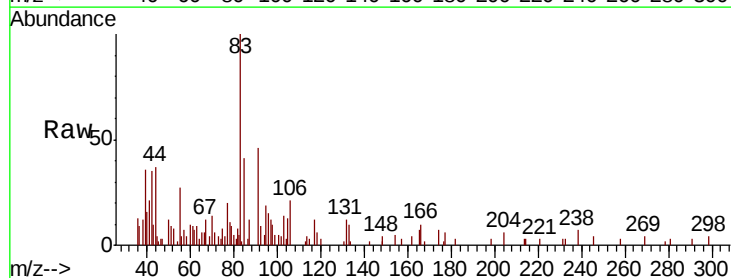
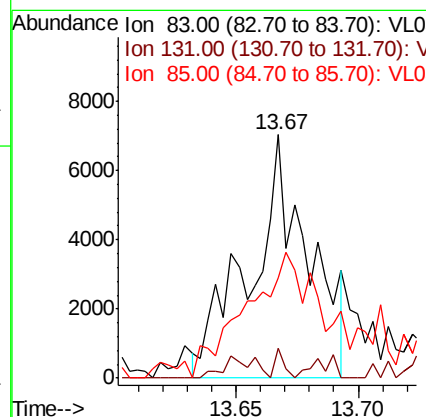
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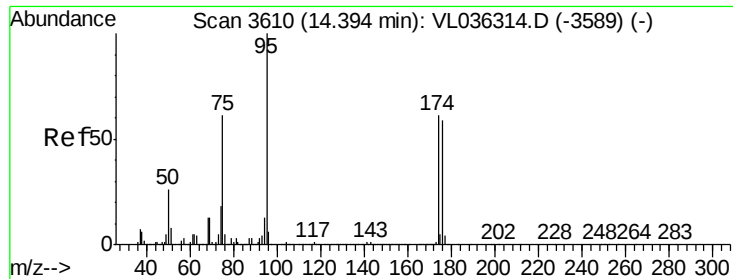
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#63
1,1,2,2-Tetrachloroethane
Concen: 0.043 ppbv m
RT: 13.67 min Scan# 3384
Delta R.T. 0.01 min
Lab File: VL036388.D
Acq: 25 Feb 2021 19:30

Tgt Ion	Ratio	Lower	Upper
83	100		
131	9.6	4.7	14.0
85	0.0	33.0	98.9#





#68

1-Bromo-4-Fluorobenzene

Concen: 9.533 ppbv

RT: 14.40 min Scan# 3612

Delta R.T. 0.01 min

Lab File: VL036388.D

Acq: 25 Feb 2021 19:30

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-01-QT1-2021

Tot Ion: 95 Resp: 2351282

Ion Ratio Lower Upper

95 100

174 65.8 49.8 74.6

175 5.0 3.7 5.5

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