

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111020\
 Data File : VL035904.D
 Acq On : 11 Nov 2020 8:31
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Manual Integrations
 APPROVED

MMDadoda
 11/12/2020 9:03:22 AM

Quant Time: Nov 11 16:53:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 0
 QLast Update : Wed Nov 04 02:40:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1112721	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3972356	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3632004	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2735924m	10.60	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.86	43	34018m	0.286	ppbv	
20) Methylene Chloride	4.34	84	14696	0.175	ppbv	95
35) Carbon Tetrachloride	7.01	117	8492	0.040	ppbv #	94
52) Tetrachloroethene	11.21	164	5228m	0.037	ppbv	

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

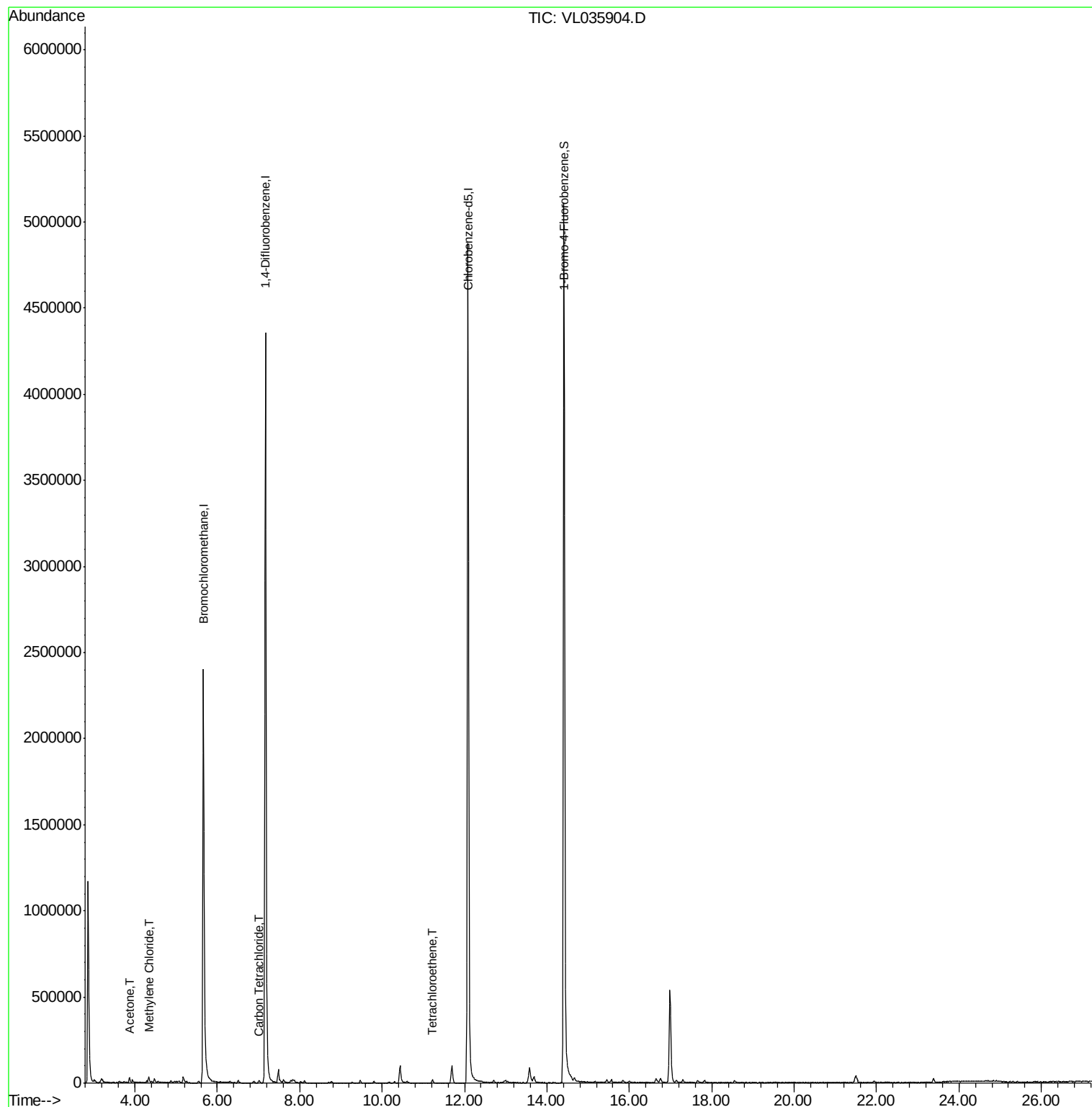
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL111020\
Data File : VL035904.D
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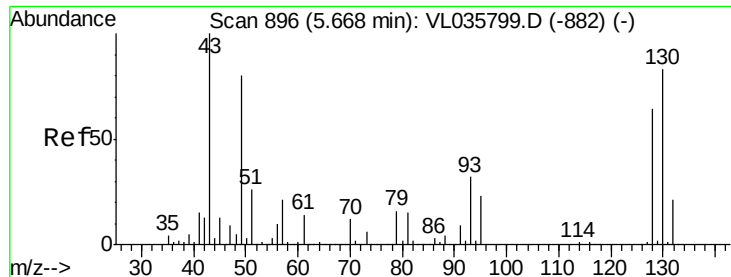
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Nov
QLast Update : Wed Nov 04 02:40:06 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 893

Delta R.T. -0.01 min

Lab File: VL035904.D

Acq: 11 Nov 2020 8:31

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

Tot Ion: 49 Resp: 1112721

Ion Ratio Lower Upper

49 100

128 78.5 41.5 124.6

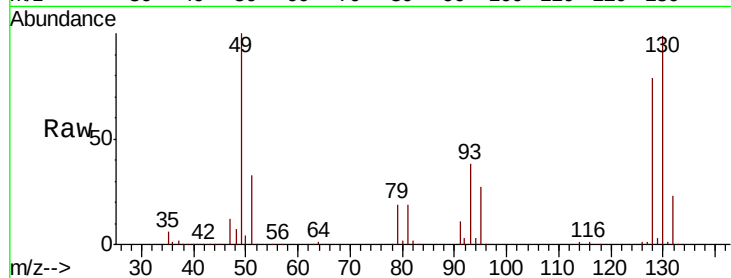
130 99.6 53.7 161.1

Manual Integrations

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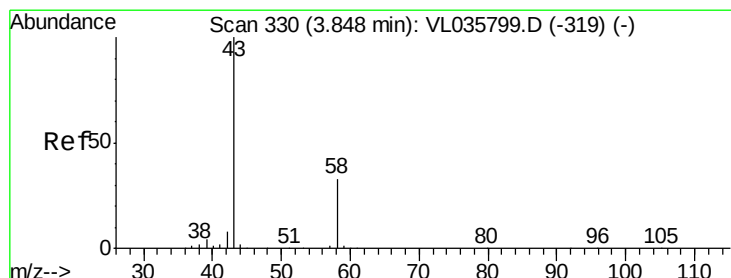
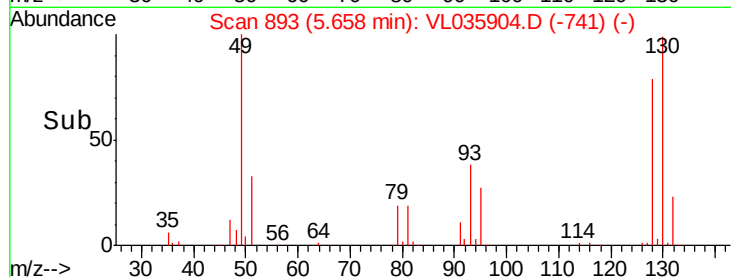
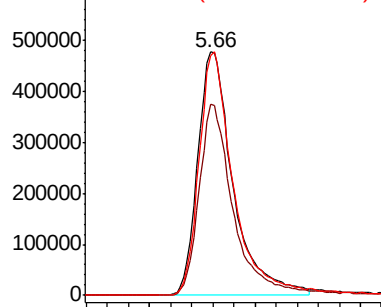
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#15

Acetone

Concen: 0.286 ppbv m

RT: 3.86 min Scan# 333

Delta R.T. 0.01 min

Lab File: VL035904.D

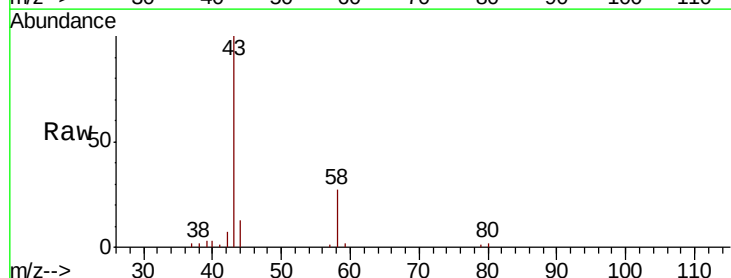
Acq: 11 Nov 2020 8:31

Tgt Ion: 43 Resp: 34018

Ion Ratio Lower Upper

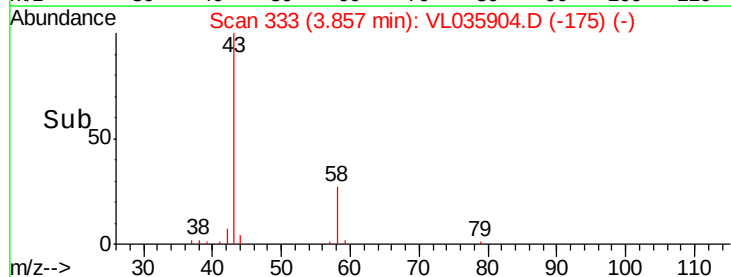
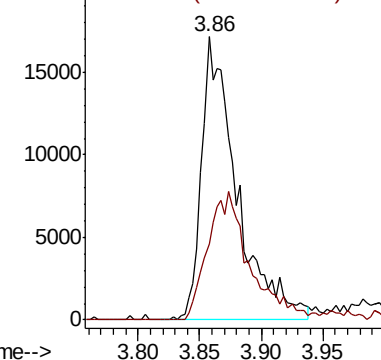
43 100

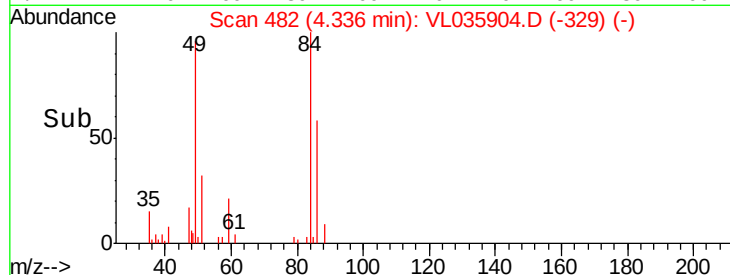
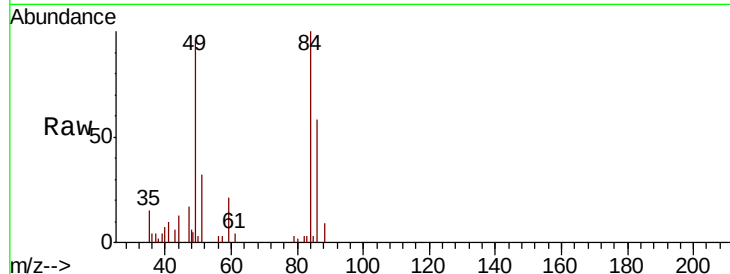
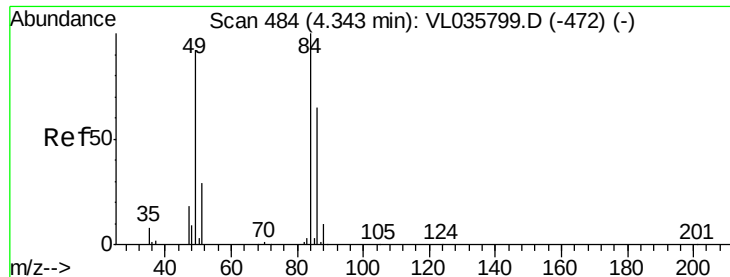
58 0.0 27.5 41.3#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





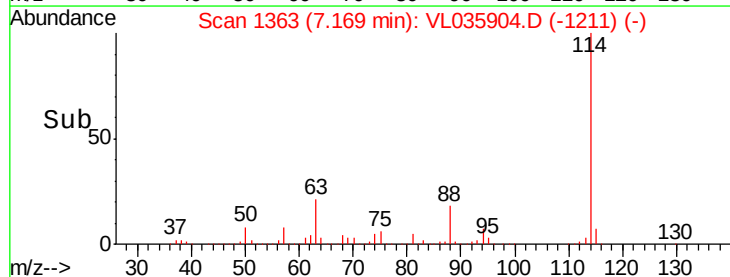
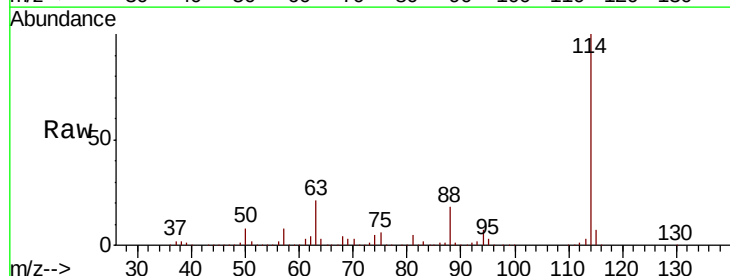
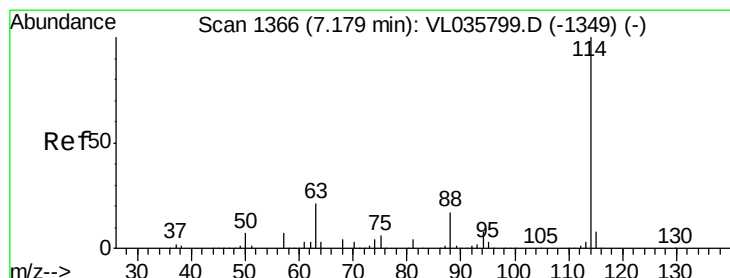
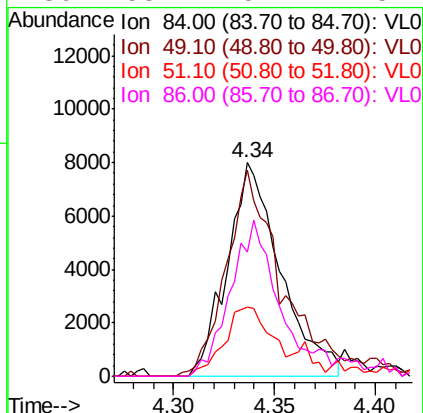
#20
Methylene Chloride
Concen: 0.175 ppbv
RT: 4.34 min Scan# 482
Delta R.T. -0.01 min
Lab File: VL035904.D
Acq: 11 Nov 2020 8:31

Tot Ion:	84	Resp:	14696
Ion	Ratio	Lower	Upper
84	100		
49	93.8	73.8	110.8
51	32.5	23.0	34.4
86	58.1	52.1	78.1

Instrument :
MSVOA_L
ClientSampled :
VIBLK

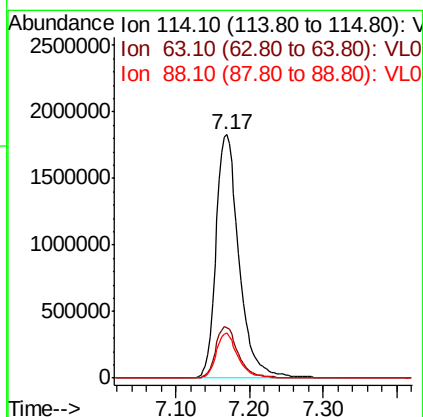
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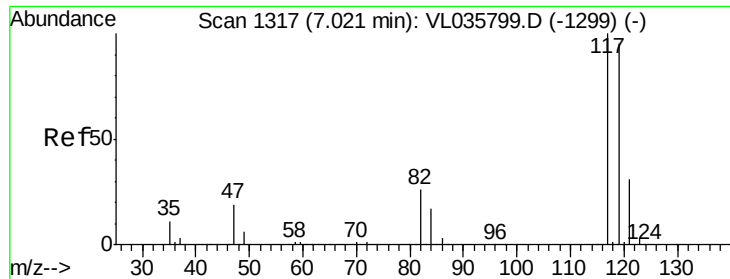
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1363
Delta R.T. -0.01 min
Lab File: VL035904.D
Acq: 11 Nov 2020 8:31

Tgt Ion:	114	Resp:	3972356
Ion	Ratio	Lower	Upper
114	100		
63	20.9	16.1	24.1
88	17.4	13.7	20.5





#35

Carbon Tetrachloride

Concen: 0.040 ppbv

RT: 7.01 min Scan# 1314

Delta R.T. -0.01 min

Lab File: VL035904.D

Acq: 11 Nov 2020 8:31

Instrument :

MSVOA_L

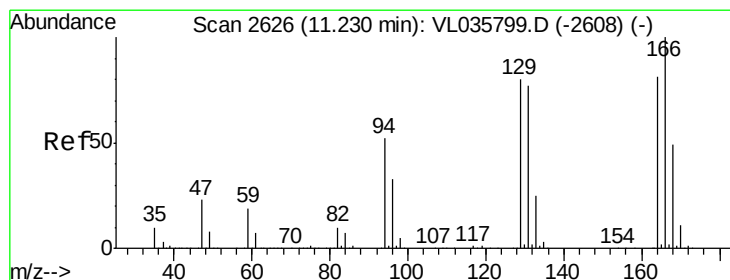
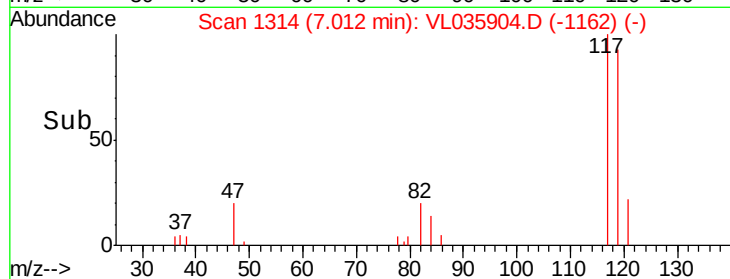
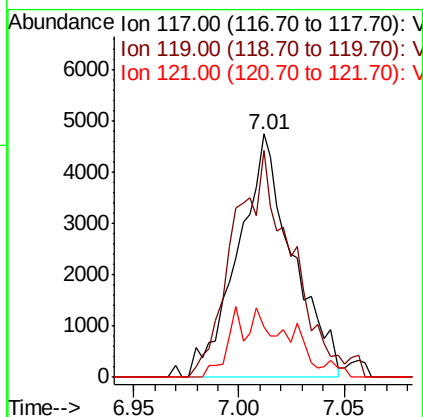
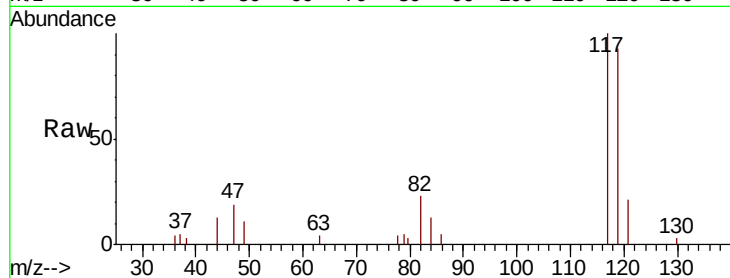
ClientSampleId :

VIBLK

Tot Ion:117 Resp: 8492
 Ion Ratio Lower Upper
 117 100
 119 93.3 75.6 113.4
 121 20.7 25.1 37.7#

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#52

Tetrachloroethene

Concen: 0.037 ppbv m

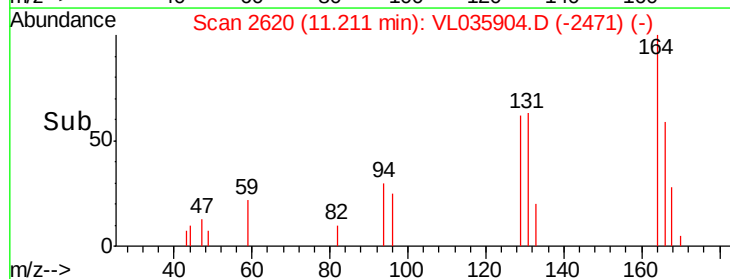
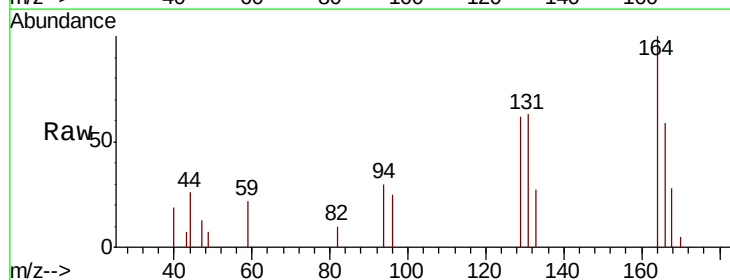
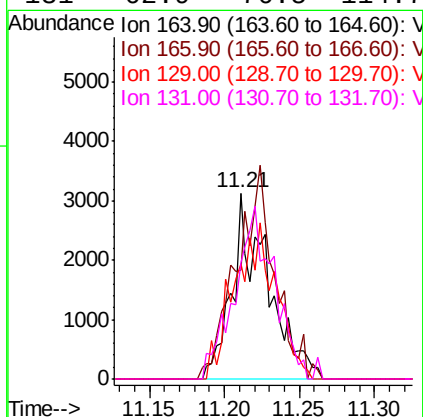
RT: 11.21 min Scan# 2620

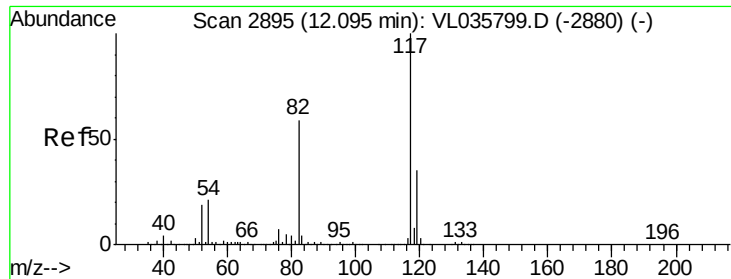
Delta R.T. -0.02 min

Lab File: VL035904.D

Acq: 11 Nov 2020 8:31

Tgt Ion:164 Resp: 5228
 Ion Ratio Lower Upper
 164 100
 166 58.7 99.3 148.9#
 129 61.7 79.3 118.9#
 131 62.9 76.5 114.7#





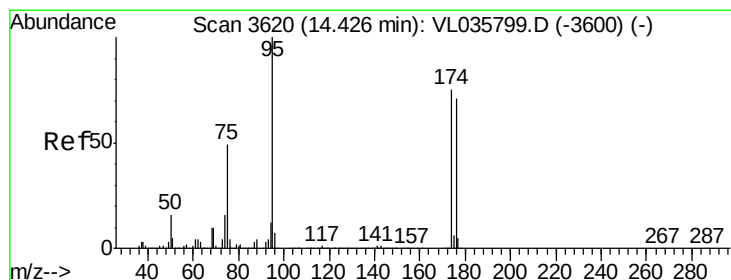
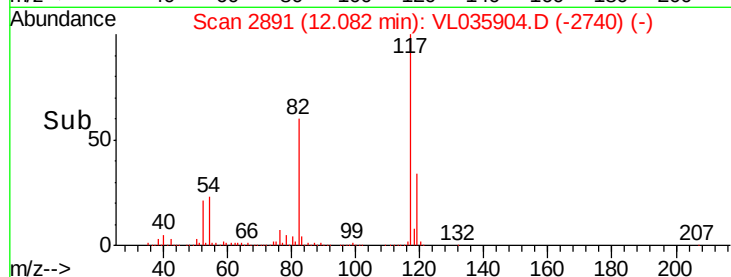
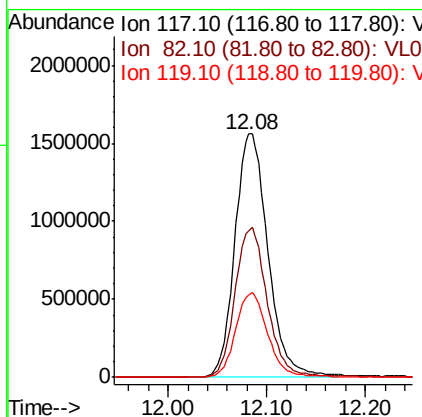
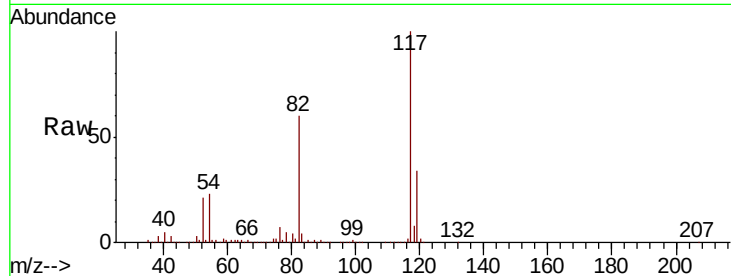
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2891
Delta R.T. -0.01 min
Lab File: VL035904.D
Acq: 11 Nov 2020 8:31

Instrument :
MSVOA_L
ClientSampled :
VIBLK

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.2	50.6	76.0
119	34.4	52.6	78.8#

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.602 ppbv m
RT: 14.41 min Scan# 3616
Delta R.T. -0.01 min
Lab File: VL035904.D
Acq: 11 Nov 2020 8:31

Tgt Ion	Ratio	Lower	Upper
95	100		
174	0.0	59.8	89.6#
175	0.0	4.3	6.5#

