

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051920\
 Data File : VL035053.D
 Acq On : 19 May 2020 20:56
 Operator : SY/AP
 Sample : L2683-04DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IR-BR-IADL

Manual Integrations
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Quant Time: May 20 06:39:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050620AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LWed May 0
 QLast Update : Wed May 06 14:49:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	1119538	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	2550858	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.09	117	2472755	10.00	ppbv	-0.03

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.43	95	2085654	10.42	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	2.97	41	30086	0.542	ppbv	# 71
13) Ethanol	3.56	45	534657	29.212	ppbv	97
15) Acetone	3.81	43	192001	1.297	ppbv	96
19) Isopropyl Alcohol	3.94	45	41706m	0.423	ppbv	
20) Methylene Chloride	4.30	84	23032m	0.470	ppbv	
26) Hexane	5.67	57	13068m	0.121	ppbv	
52) Tetrachloroethene	11.23	164	7523m	0.101	ppbv	

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

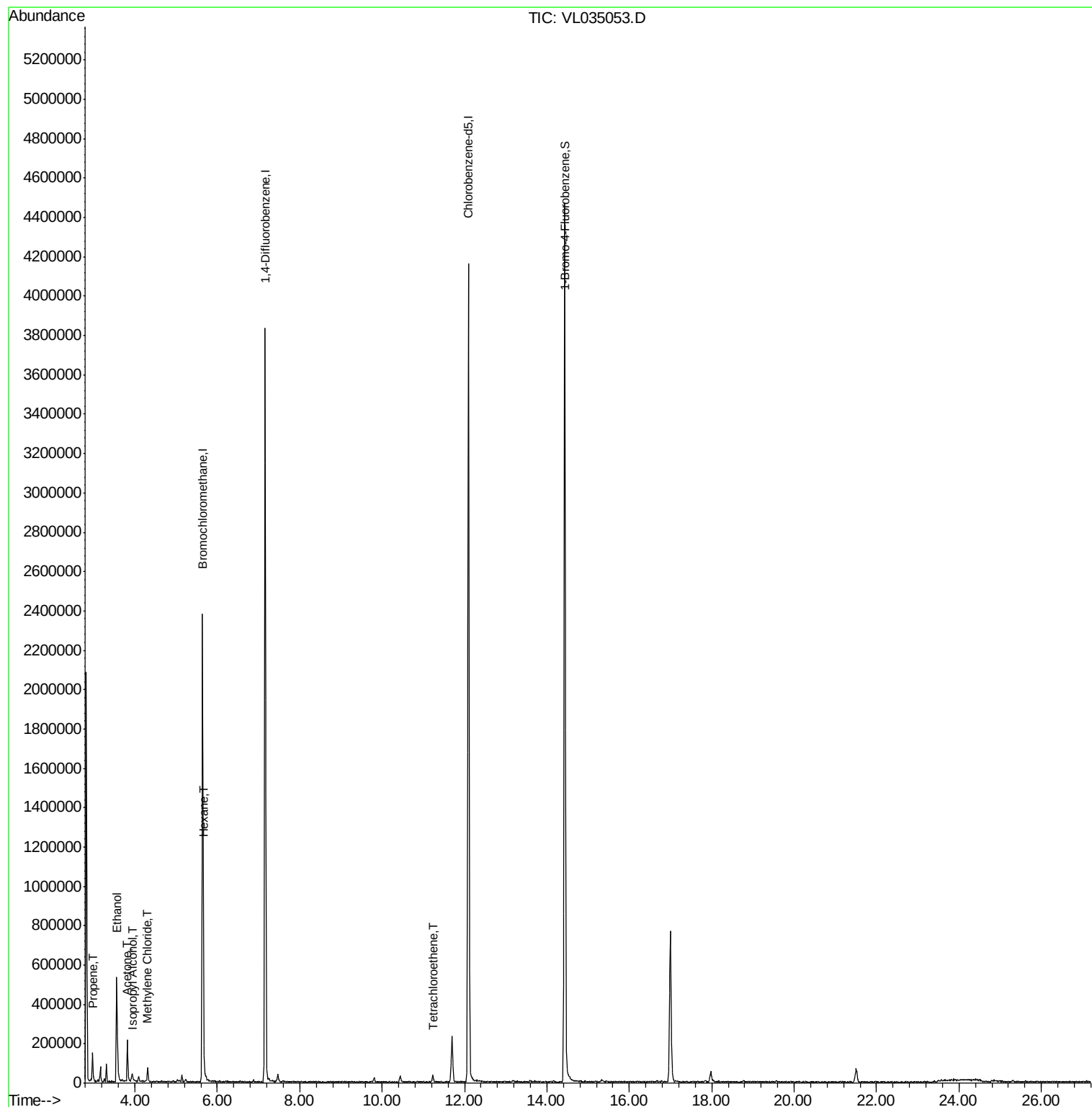
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL051920\
Data File : VL035053.D
Acq On : 19 May 2020 20:56
Operator : SY/AP
Sample : L2683-04DL 10X
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

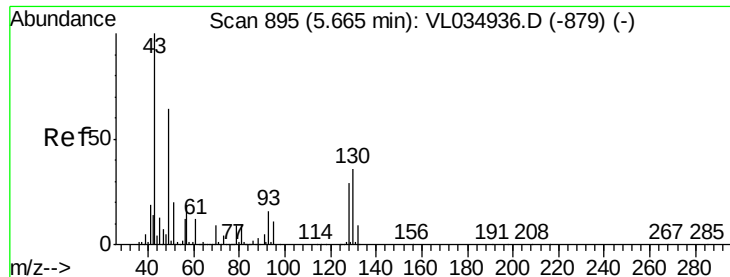
Instrument :
MSVOA_L
ClientSampled :
IR-BR-IADL

Manual Integrations
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5/20/2020 4:27:40 PM

Quant Time: May 20 06:39:25 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL050620AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed May
QLast Update : Wed May 06 14:49:39 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.64 min Scan# 888

Delta R.T. -0.02 min

Lab File: VL035053.D

Acq: 19 May 2020 20:56

Instrument :

MSVOA_L

ClientSampleId :

IR-BR-IADL

Tot Ion: 49 Resp: 1119538

Ion Ratio Lower Upper

49 100

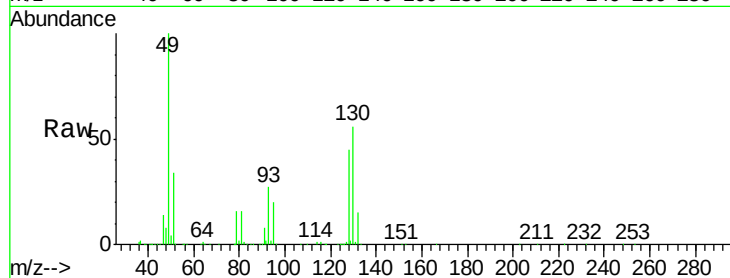
128 45.9 22.1 66.5

130 58.5 29.1 87.3

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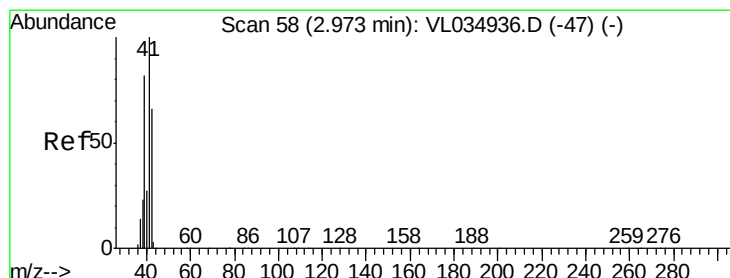
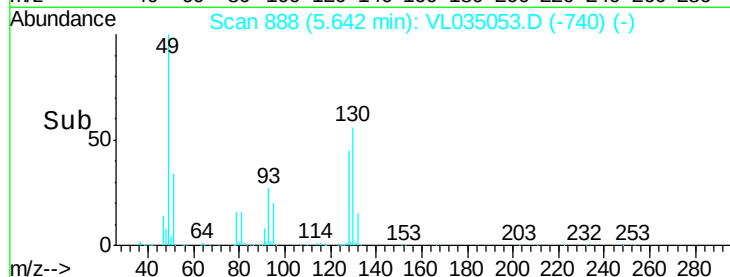
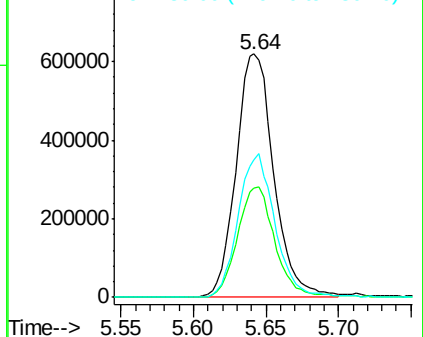
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#9

Propene

Concen: 0.542 ppbv

RT: 2.97 min Scan# 58

Delta R.T. -0.00 min

Lab File: VL035053.D

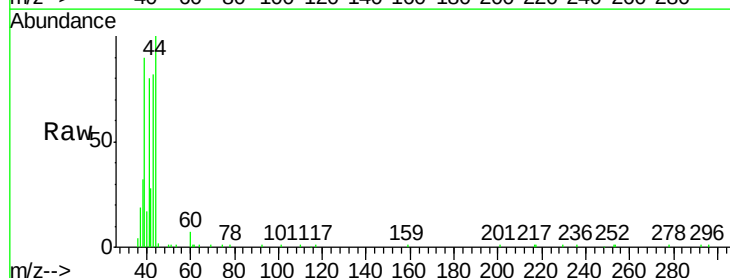
Acq: 19 May 2020 20:56

Tgt Ion: 41 Resp: 30086

Ion Ratio Lower Upper

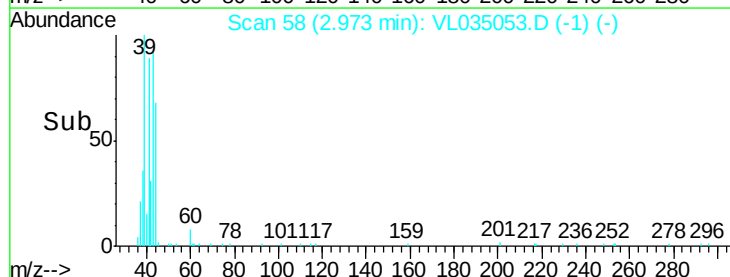
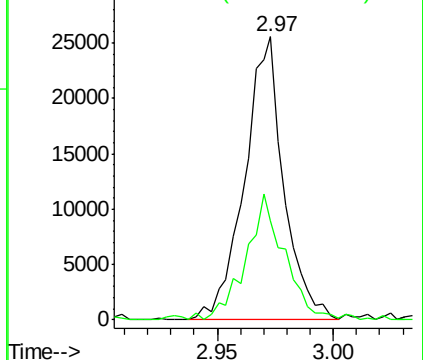
41 100

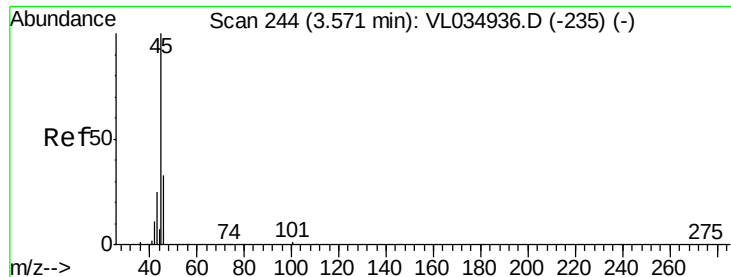
42 45.0 54.5 81.7#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





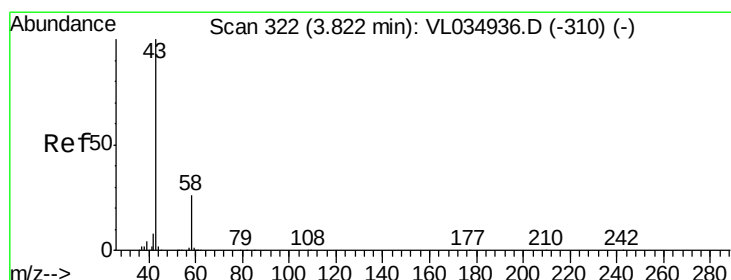
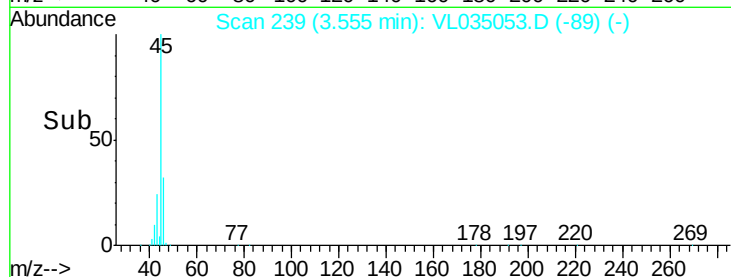
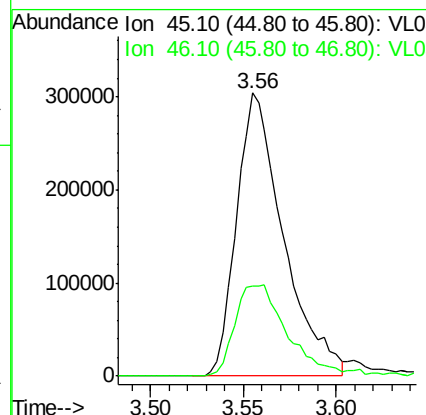
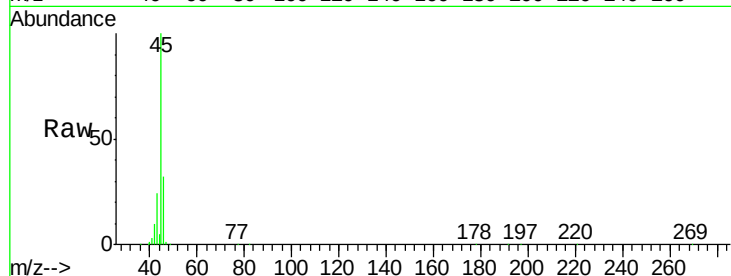
#13
Ethanol
Concen: 29.212 ppbv
RT: 3.56 min Scan# 239
Delta R.T. -0.02 min
Lab File: VL035053.D
Acq: 19 May 2020 20:56

Instrument :
MSVOA_L
ClientSampleId :
IR-BR-IADL

Tot Ion	45	Resp	534657
Ion Ratio	100	Lower	Upper
46	37.5	14.3	57.3

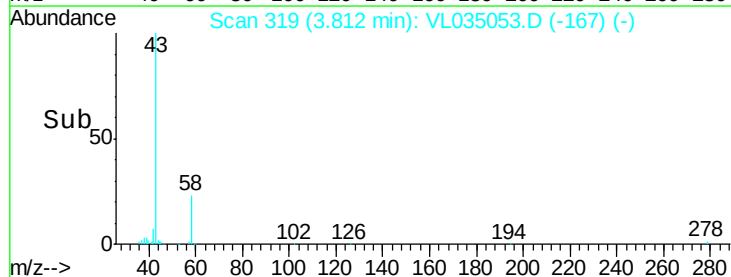
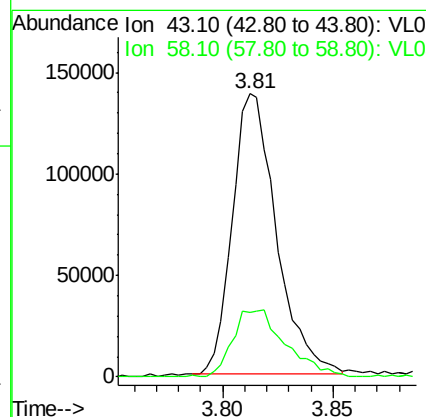
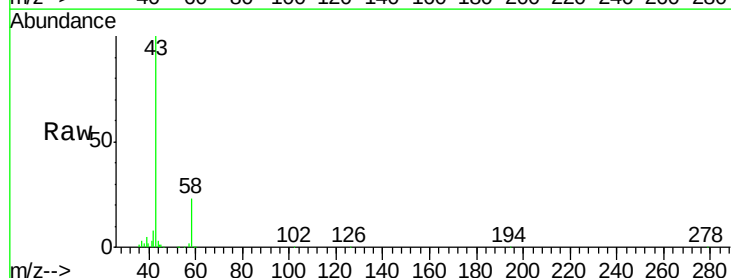
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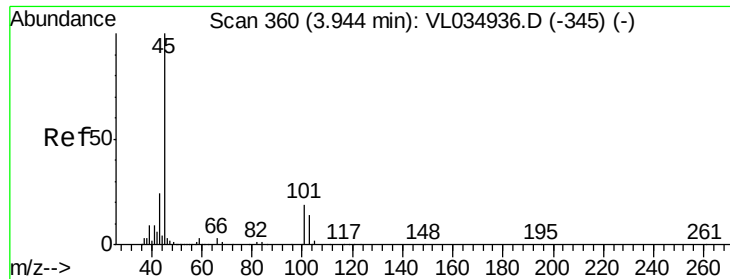
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#15
Acetone
Concen: 1.297 ppbv
RT: 3.81 min Scan# 319
Delta R.T. -0.01 min
Lab File: VL035053.D
Acq: 19 May 2020 20:56

Tgt Ion	43	Resp	192001
Ion Ratio	100	Lower	Upper
58	29.2	21.7	32.5





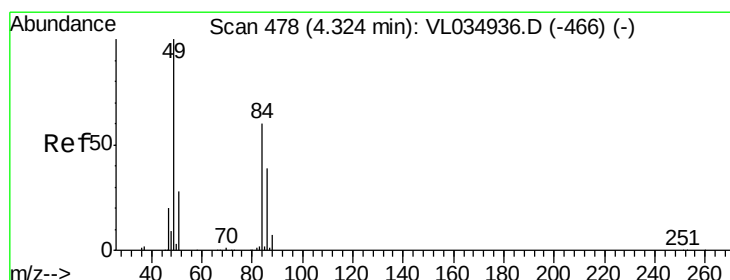
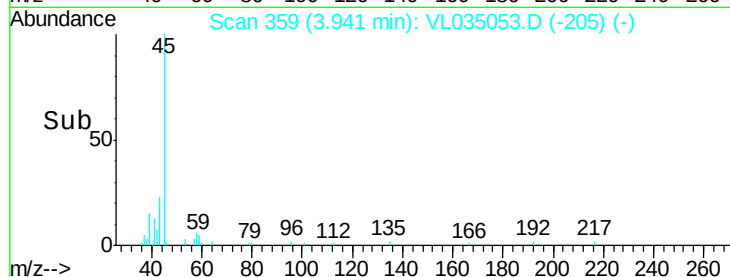
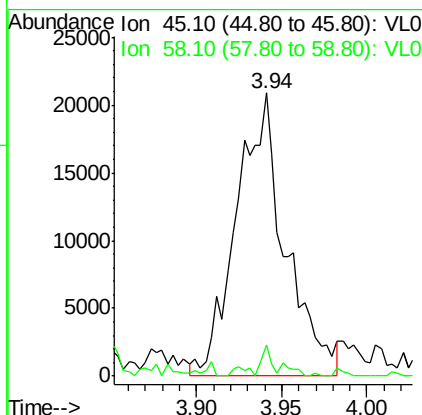
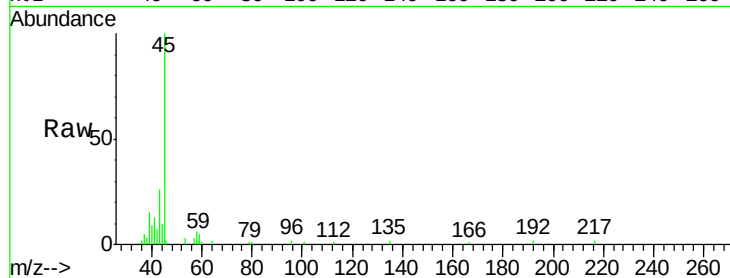
#19
Isopropyl Alcohol
Concen: 0.423 ppbv m
RT: 3.94 min Scan# 359
Delta R.T. -0.00 min
Lab File: VL035053.D
Acq: 19 May 2020 20:56

Instrument :
MSVOA_L
ClientSampleId :
IR-BR-IADL

Tot Ion: 45 Resp: 41706
Ion Ratio Lower Upper
45 100
58 4.3 1.7 2.5#

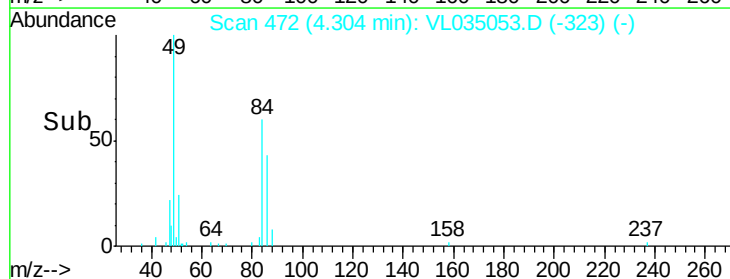
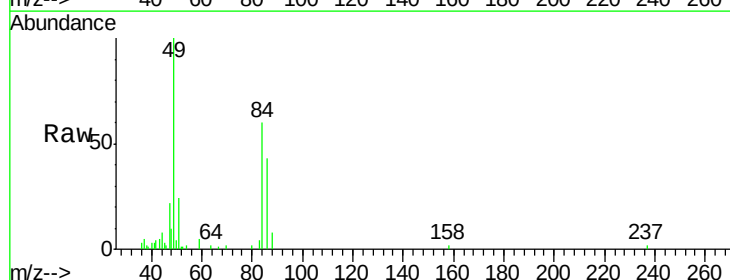
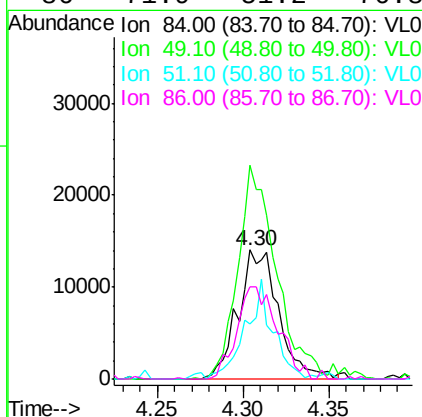
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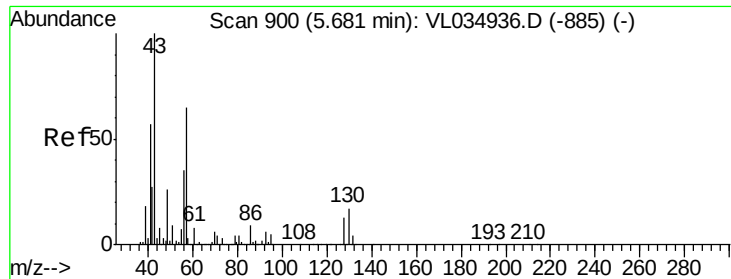
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#20
Methylene Chloride
Concen: 0.470 ppbv m
RT: 4.30 min Scan# 472
Delta R.T. -0.02 min
Lab File: VL035053.D
Acq: 19 May 2020 20:56

Tgt Ion: 84 Resp: 23032
Ion Ratio Lower Upper
84 100
49 165.5 132.5 198.7
51 40.4 38.4 57.6
86 71.9 51.2 76.8





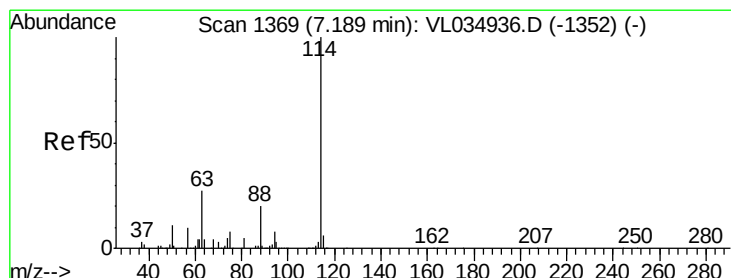
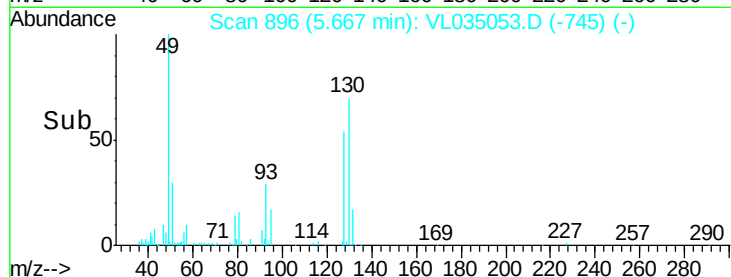
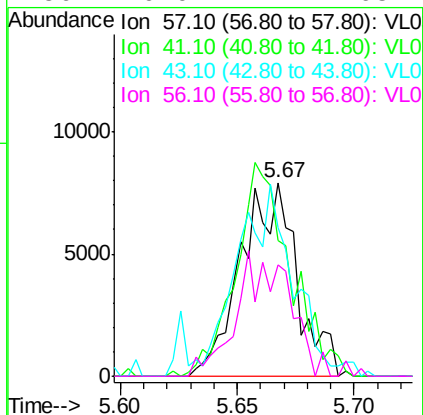
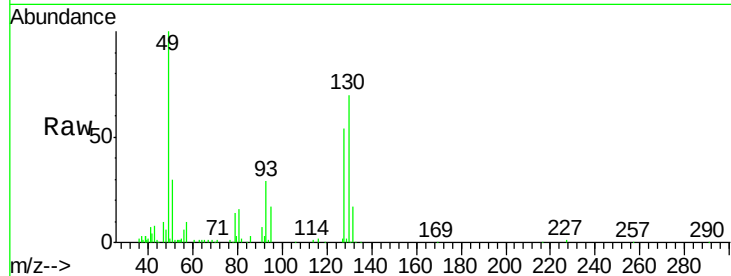
#26
Hexane
Concen: 0.121 ppbv m
RT: 5.67 min Scan# 896
Delta R.T. -0.01 min
Lab File: VL035053.D
Acq: 19 May 2020 20:56

Instrument :
MSVOA_L
ClientSampleId :
IR-BR-IADL

Tot Ion	Ratio	Lower	Upper
57	100		
41	0.0	72.7	109.1#
43	107.5	182.1	273.1#
56	0.0	42.2	63.2#

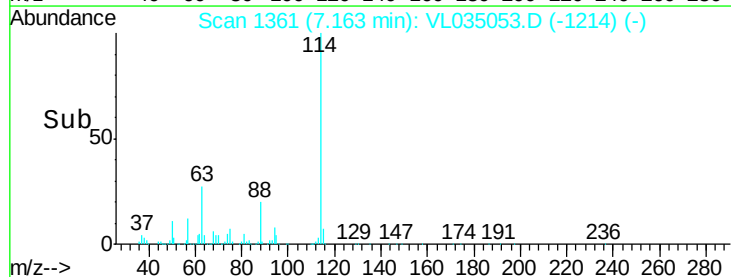
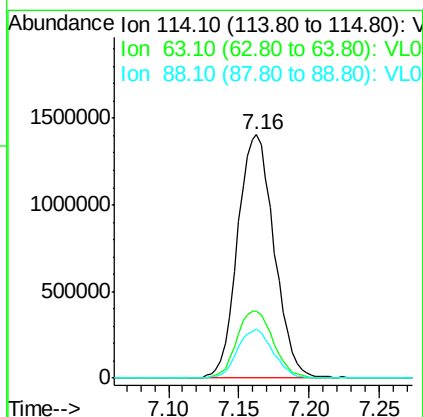
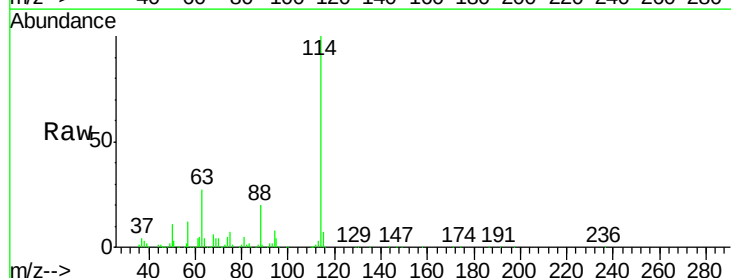
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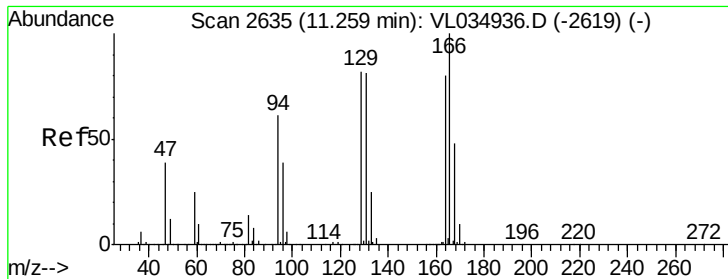
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1361
Delta R.T. -0.03 min
Lab File: VL035053.D
Acq: 19 May 2020 20:56

Tgt Ion	Ratio	Lower	Upper
114	100		
63	27.8	22.2	33.4
88	19.5	15.5	23.3





#52

Tetrachloroethene

Concen: 0.101 ppbv m

RT: 11.23 min Scan# 2626

Delta R.T. -0.03 min

Lab File: VL035053.D

Acq: 19 May 2020 20:56

Instrument :

MSVOA_L

ClientSampleId :

IR-BR-IADL

Tot Ion:164 Resp: 7523

Ion Ratio Lower Upper

164 100

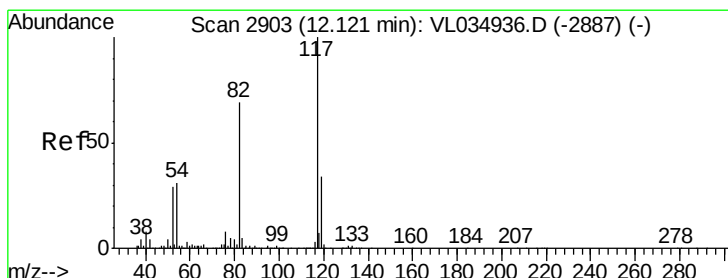
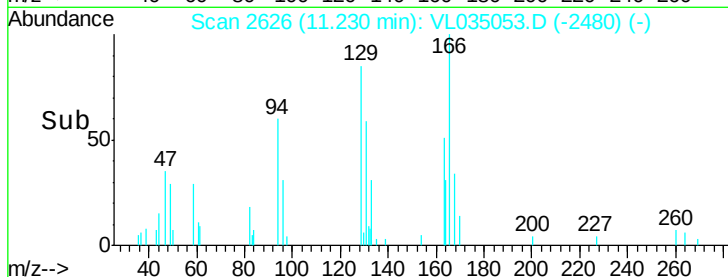
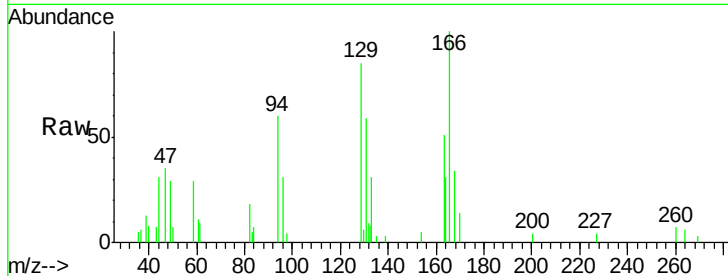
166 197.3 100.7 151.1#

129 167.5 83.0 124.4#

131 116.7 81.0 121.4

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.09 min Scan# 2894

Delta R.T. -0.03 min

Lab File: VL035053.D

Acq: 19 May 2020 20:56

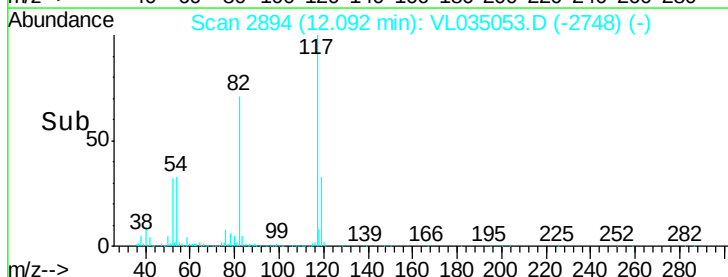
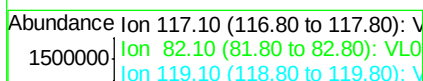
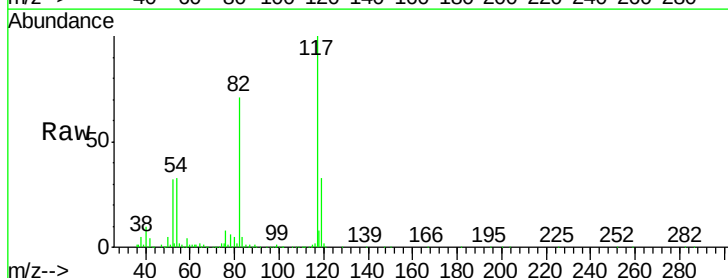
Tgt Ion:117 Resp: 2472755

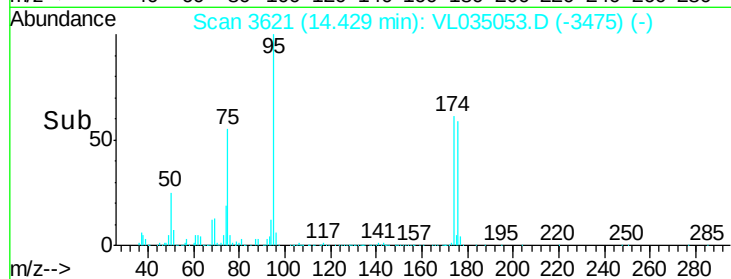
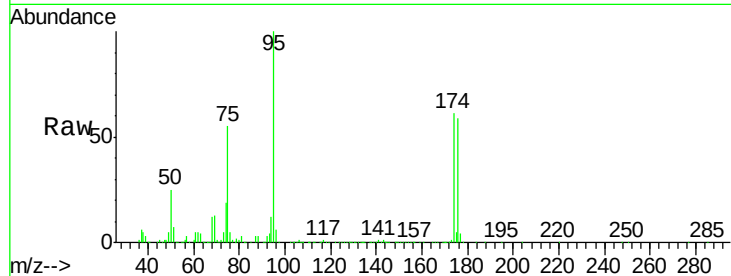
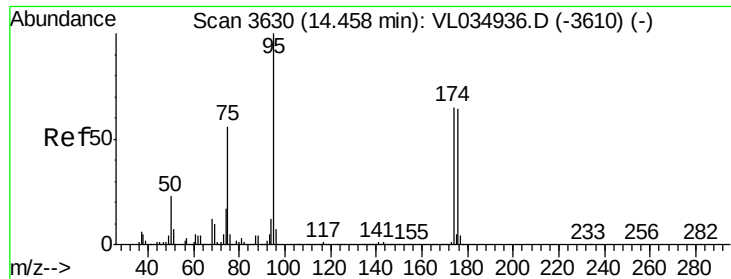
Ion Ratio Lower Upper

117 100

82 70.5 53.1 79.7

119 33.6 26.7 40.1





#68

1-Bromo-4-Fluorobenzene

Concen: 10.420 ppbv

RT: 14.43 min Scan# 3621

Delta R.T. -0.03 min

Lab File: VL035053.D

Acq: 19 May 2020 20:56

Tot Ion: 95 Resp: 2085654

Ion Ratio Lower Upper

95 100

174 64.0 51.5 77.3

175 4.8 3.8 5.8

Instrument :

MSVOA_L

ClientSampleId :

IR-BR-IADL

Manual Integrations
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