

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL121620\
 Data File : VL036181.D
 Acq On : 17 Dec 2020 00:28
 Operator : SY/AP
 Sample : L5084-01DL 10X
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DL

Manual Integrations
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Quant Time: Dec 17 07:31:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Dec 07 2020
 QLast Update : Mon Dec 07 16:56:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1506579	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2932250	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.10	117	2647178	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	2366421	11.26	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	112.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chlorodifluoromethane	2.99	51	24497	0.143	ppbv #	82
9) Propene	3.03	41	14320m	0.166	ppbv	
13) Ethanol	3.61	45	337470	28.429	ppbv	86
15) Acetone	3.86	43	84667m	0.468	ppbv	
19) Isopropyl Alcohol	4.00	45	23672m	0.214	ppbv	
20) Methylene Chloride	4.35	84	55790	0.752	ppbv	97
26) Hexane	5.70	57	77984	0.479	ppbv #	37
29) Chloroform	5.76	83	28418m	0.133	ppbv	
53) Toluene	9.83	91	41632m	0.149	ppbv	

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

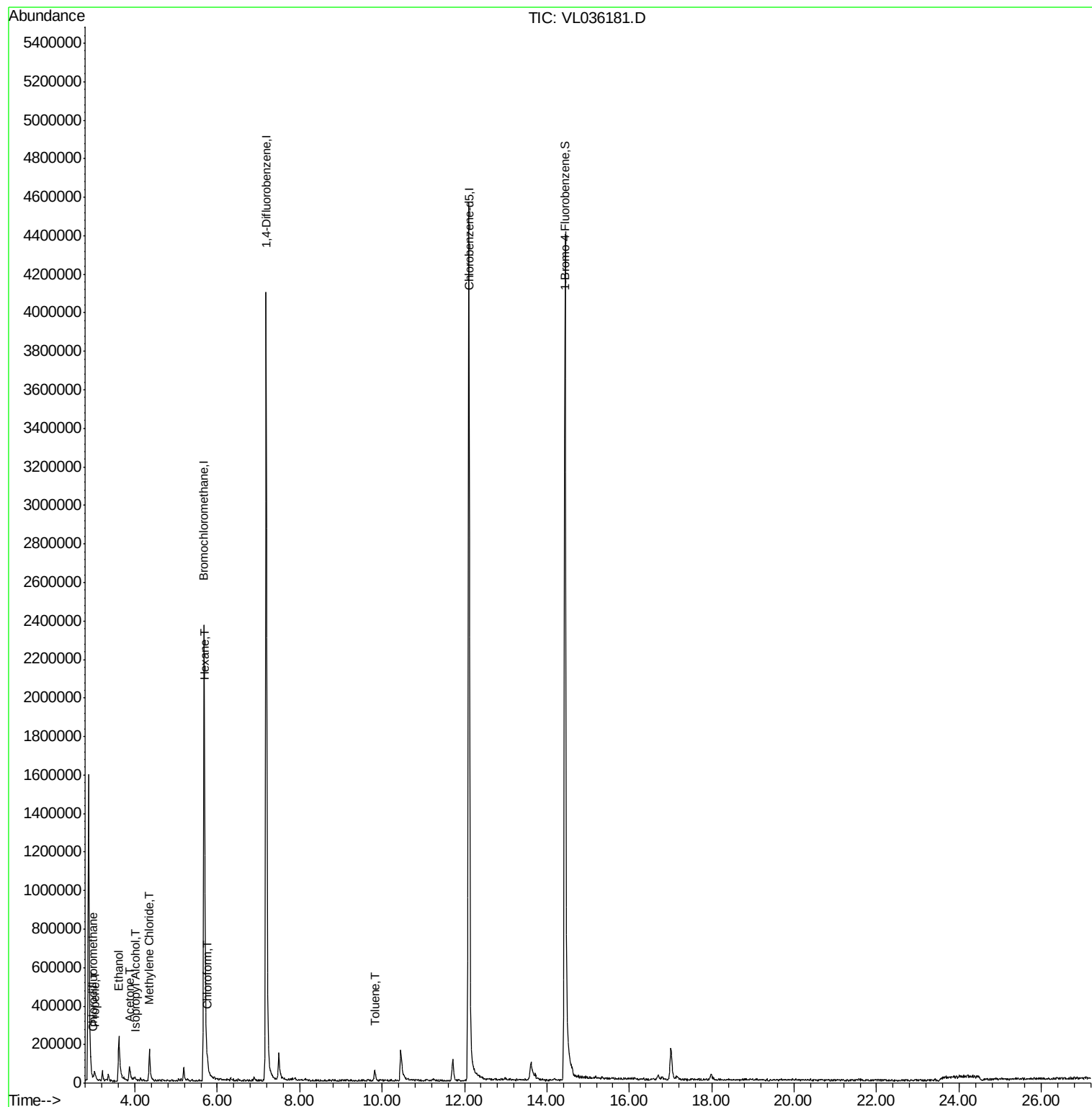
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Data File : VL036181.D
Acq On : 17 Dec 2020 00:28
Operator : SY/AP
Sample : L5084-01DL 10X
Misc : 400ml/MSVOA_L
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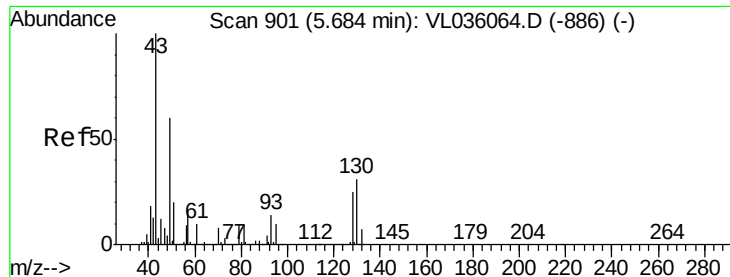
Instrument :
MSVOA_L
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Quant Time: Dec 17 07:31:22 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL120720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Dec
QLast Update : Mon Dec 07 16:56:49 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 899

Delta R.T. -0.01 min

Lab File: VL036181.D

Acq: 17 Dec 2020 00:28

Instrument :

MSVOA_L

ClientSampled :

IA1DL

Tgt Ion: 49 Resp: 1506579

Ion Ratio Lower Upper

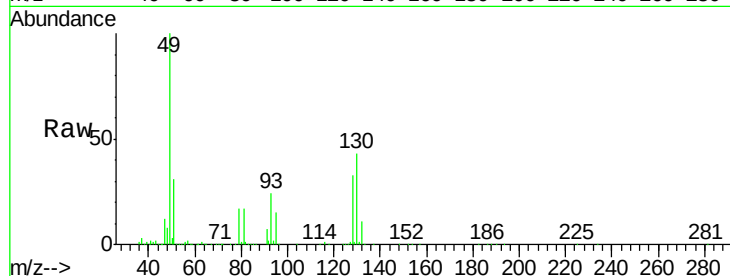
49 100

128 35.1 21.1 63.1

130 46.4 27.1 81.3

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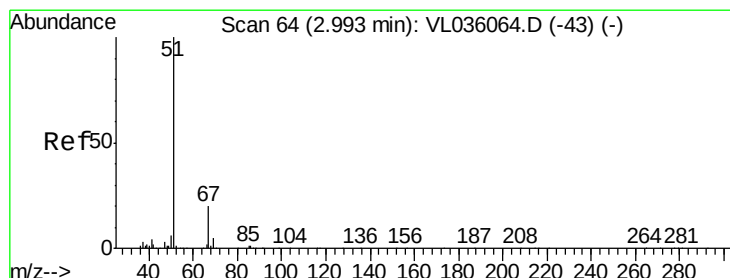
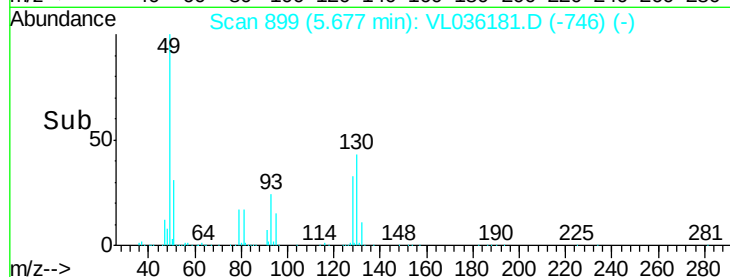
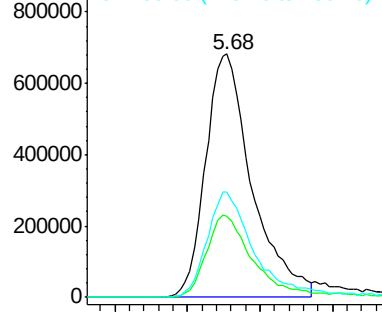
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#3

Chlorodifluoromethane

Concen: 0.143 ppbv

RT: 2.99 min Scan# 64

Delta R.T. -0.00 min

Lab File: VL036181.D

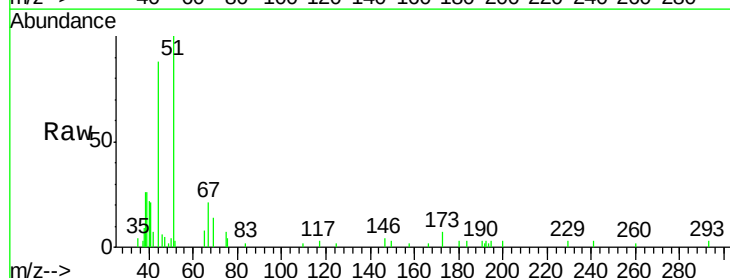
Acq: 17 Dec 2020 00:28

Tgt Ion: 51 Resp: 24497

Ion Ratio Lower Upper

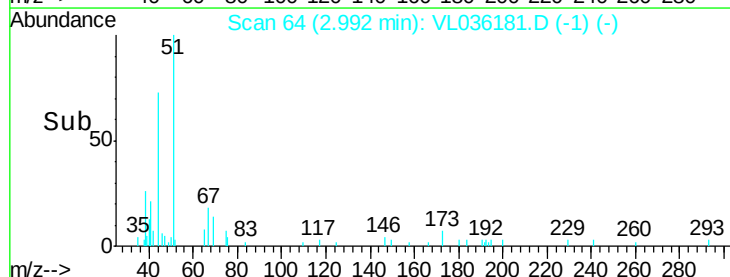
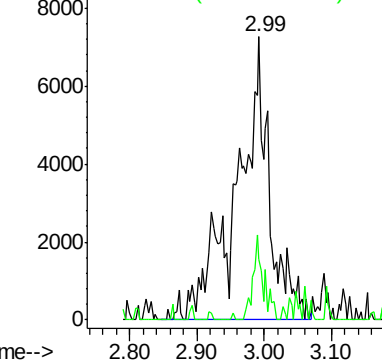
51 100

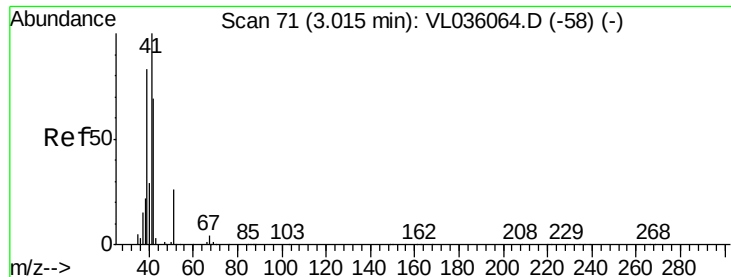
67 9.8 14.3 21.5#



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0





#9

Propene

Concen: 0.166 ppbv m

RT: 3.03 min Scan# 75

Delta R.T. 0.01 min

Lab File: VL036181.D

Acq: 17 Dec 2020 00:28

Instrument :

MSVOA_L

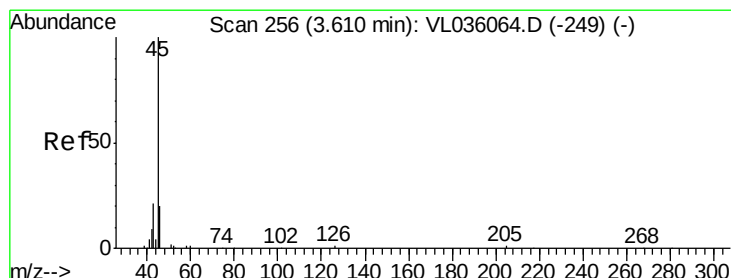
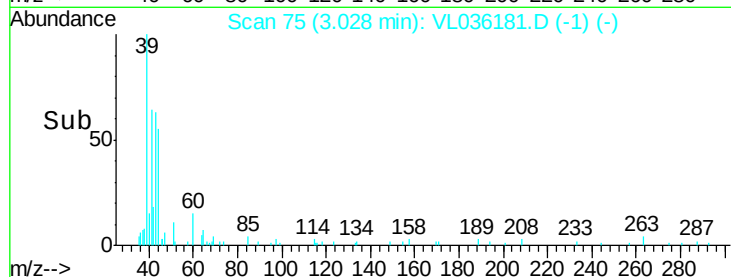
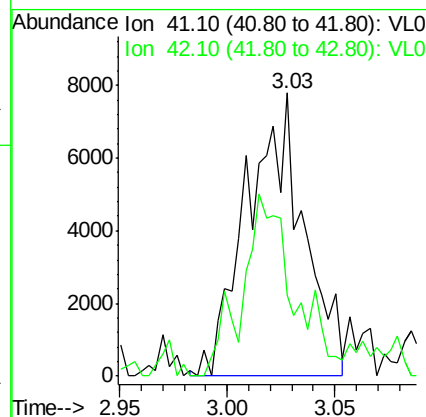
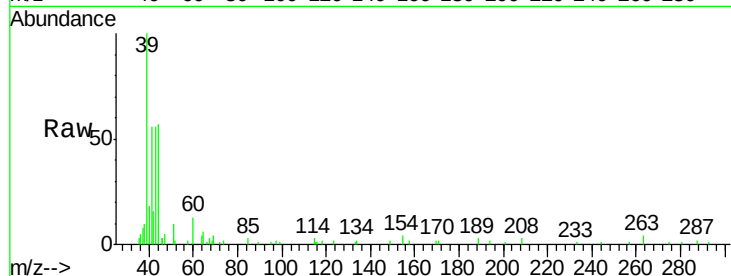
ClientSampleId :

IA1DL

Tgt Ion: 41 Resp: 14320
 Ion Ratio Lower Upper
 41 100
 42 0.0 57.0 85.6#

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#13

Ethanol

Concen: 28.429 ppbv

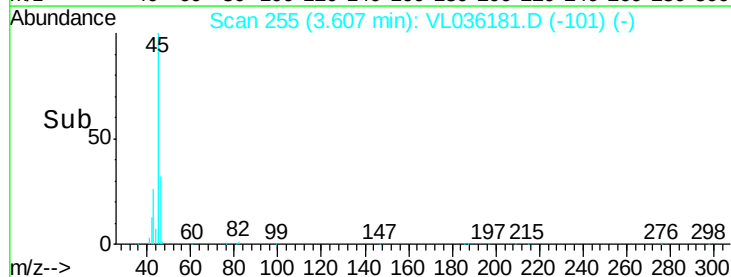
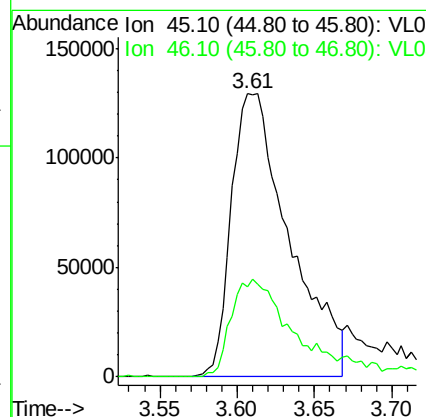
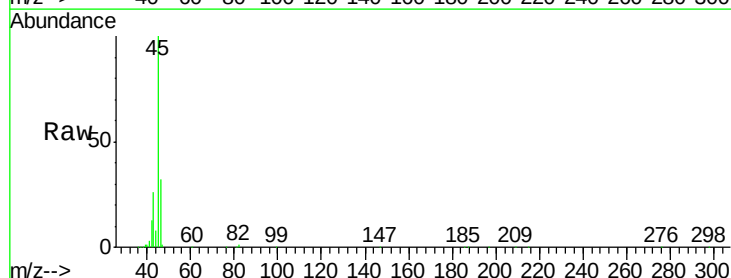
RT: 3.61 min Scan# 255

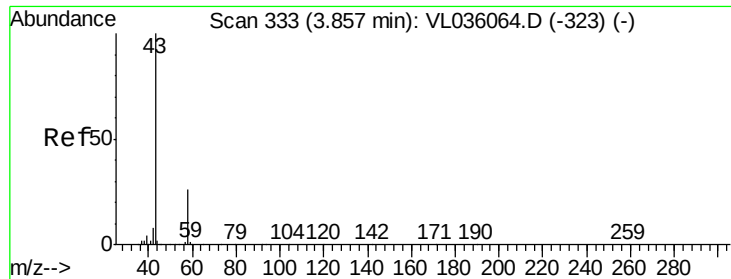
Delta R.T. -0.00 min

Lab File: VL036181.D

Acq: 17 Dec 2020 00:28

Tgt Ion: 45 Resp: 337470
 Ion Ratio Lower Upper
 45 100
 46 38.3 19.0 75.8





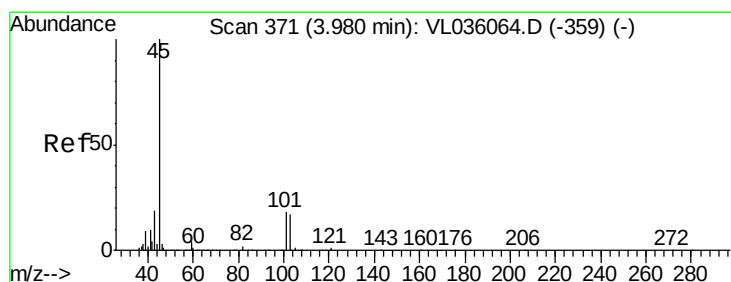
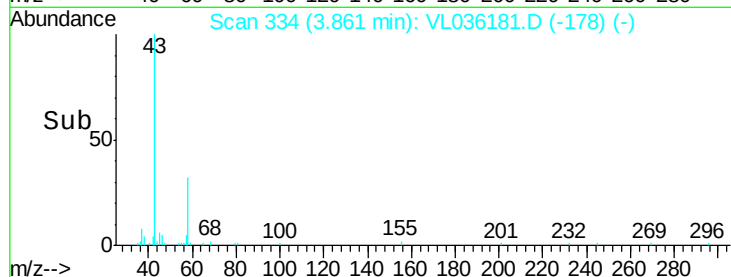
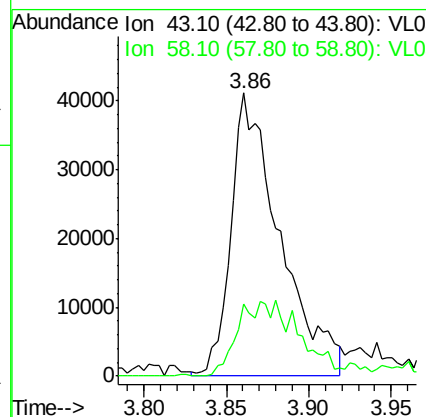
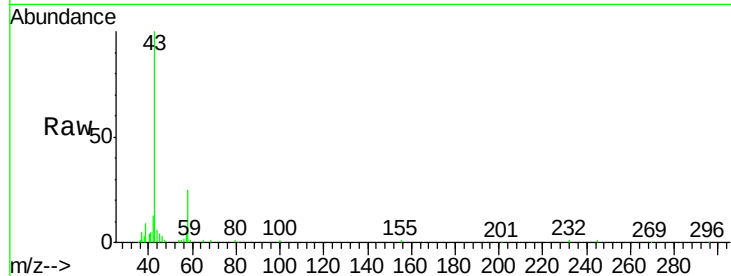
#15
Acetone
Concen: 0.468 ppbv m
RT: 3.86 min Scan# 334
Delta R.T. 0.00 min
Lab File: VL036181.D
Acq: 17 Dec 2020 00:28

Instrument :
MSVOA_L
ClientSampleId :
IA1DL

Tgt Ion: 43 Resp: 84667
Ion Ratio Lower Upper
43 100
58 0.0 20.9 31.3#

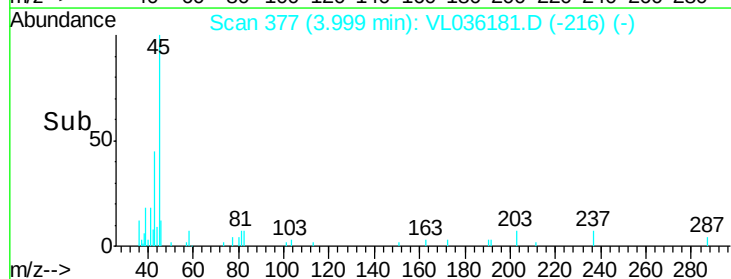
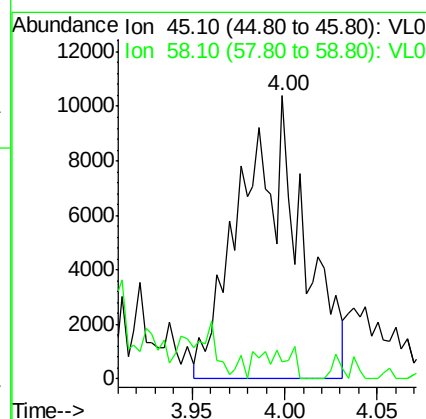
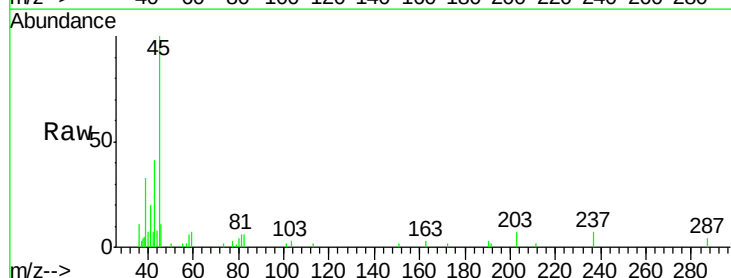
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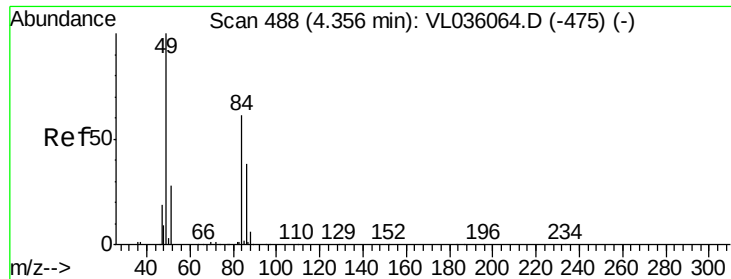
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#19
Isopropyl Alcohol
Concen: 0.214 ppbv m
RT: 4.00 min Scan# 377
Delta R.T. 0.02 min
Lab File: VL036181.D
Acq: 17 Dec 2020 00:28

Tgt Ion: 45 Resp: 23672
Ion Ratio Lower Upper
45 100
58 11.7 0.0 0.0#





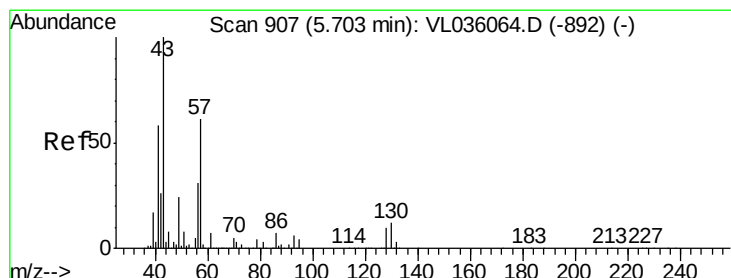
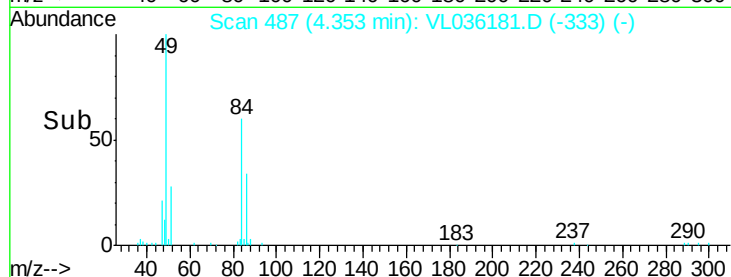
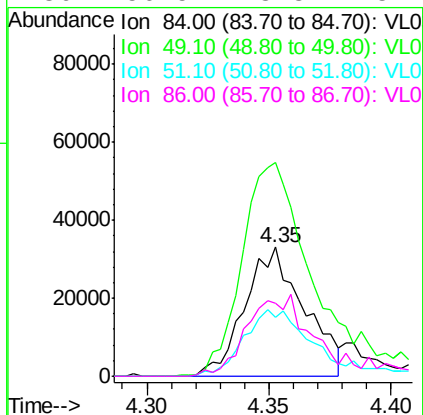
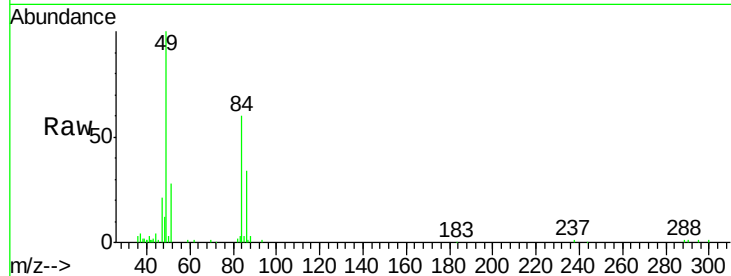
#20
Methylene Chloride
Concen: 0.752 ppbv
RT: 4.35 min Scan# 487
Delta R.T. -0.00 min
Lab File: VL036181.D
Acq: 17 Dec 2020 00:28

Instrument :
MSVOA_L
ClientSampled :
IA1DL

Tgt Ion	Ratio	Lower	Upper
84	100		
49	164.8	133.0	199.4
51	46.1	38.9	58.3
86	56.5	48.8	73.2

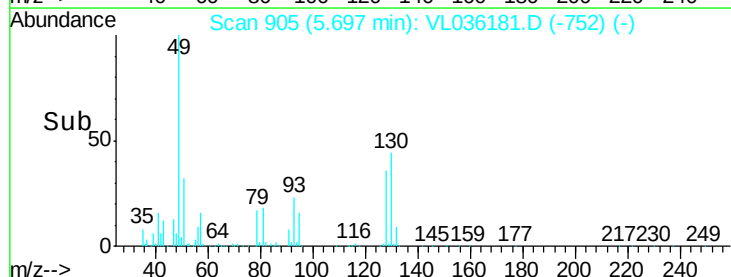
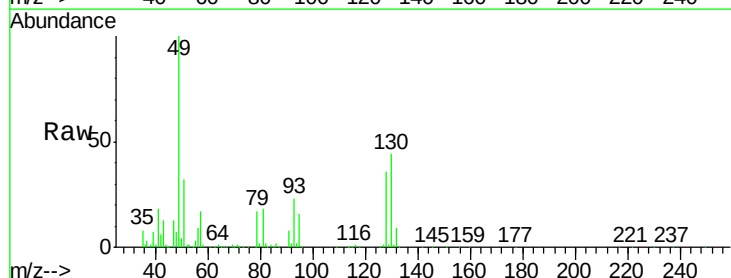
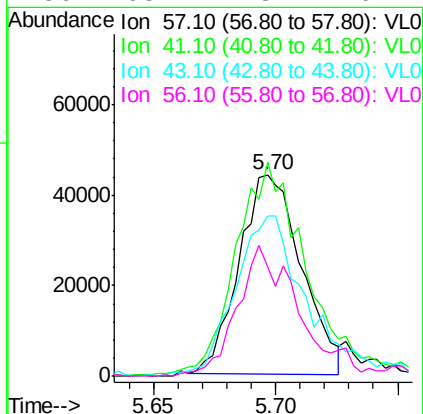
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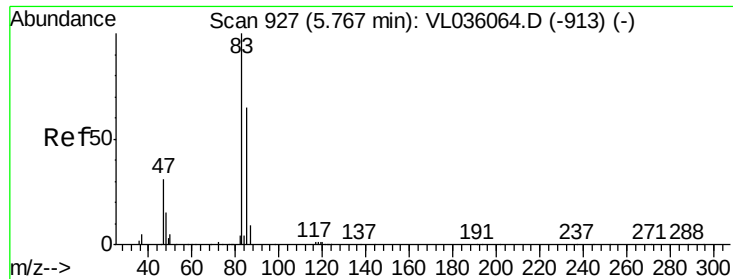
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#26
Hexane
Concen: 0.479 ppbv
RT: 5.70 min Scan# 905
Delta R.T. -0.01 min
Lab File: VL036181.D
Acq: 17 Dec 2020 00:28

Tgt Ion	Ratio	Lower	Upper
57	100		
41	126.3	82.9	124.3#
43	94.7	199.9	299.9#
56	68.7	43.1	64.7#





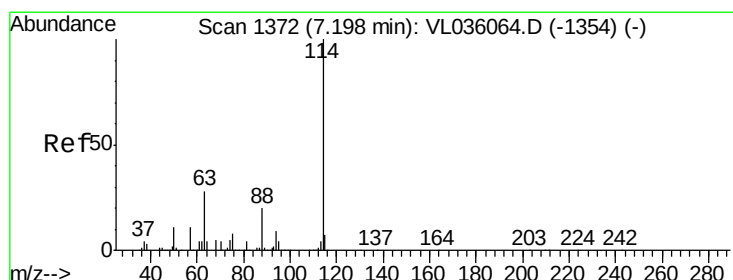
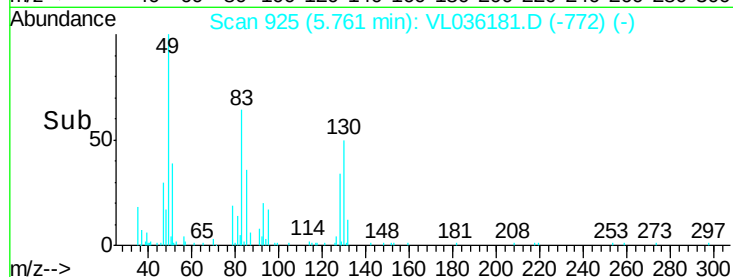
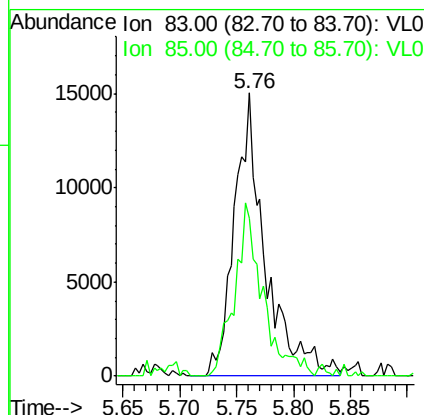
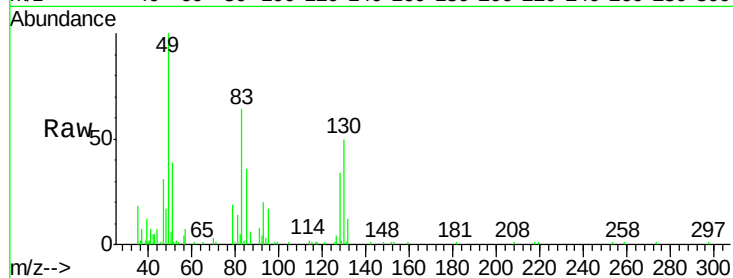
#29
Chloroform
Concen: 0.133 ppbv m
RT: 5.76 min Scan# 925
Delta R.T. -0.01 min
Lab File: VL036181.D
Acq: 17 Dec 2020 00:28

Instrument :
MSVOA_L
ClientSampled :
IA1DL

Tgt Ion: 83 Resp: 28418
Ion Ratio Lower Upper
83 100
85 55.8 51.8 77.6

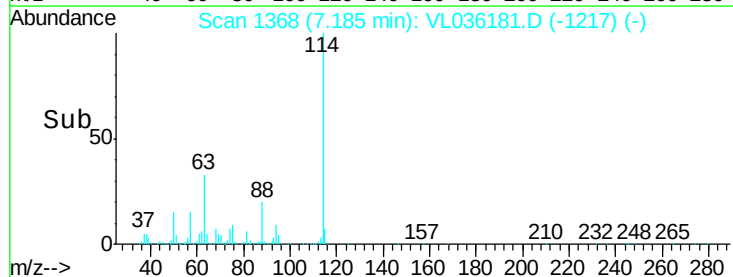
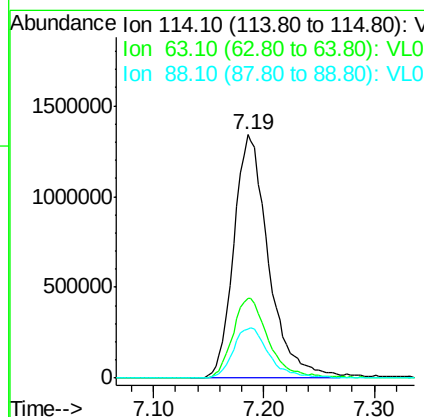
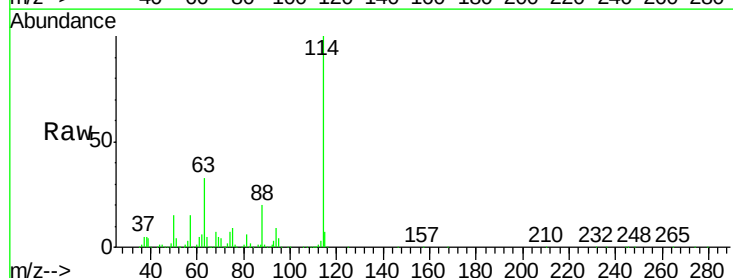
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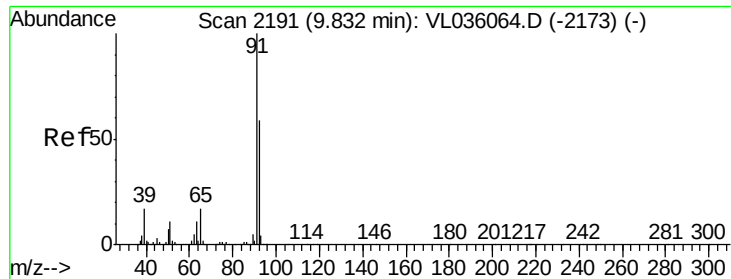
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VL036181.D
Acq: 17 Dec 2020 00:28

Tgt Ion: 114 Resp: 2932250
Ion Ratio Lower Upper
114 100
63 34.2 23.6 35.4
88 21.7 15.8 23.6





#53

Toluene

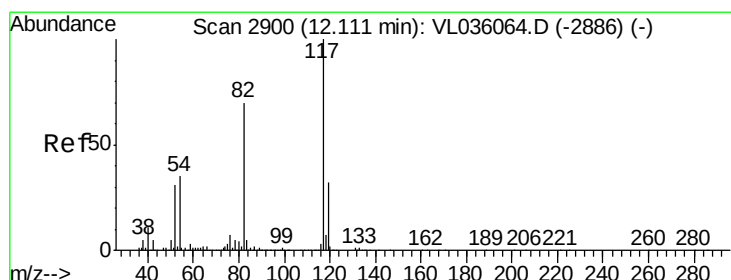
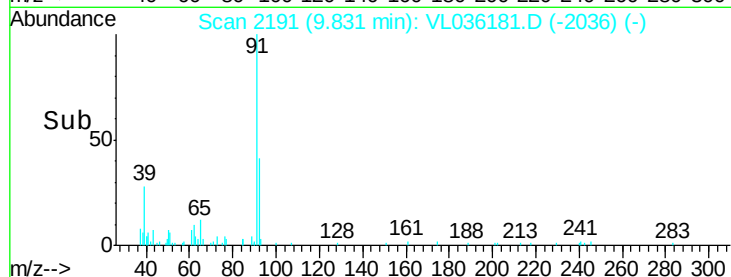
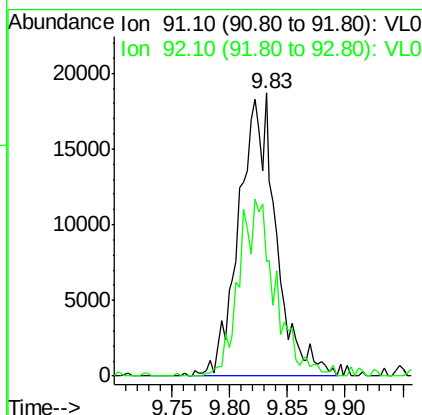
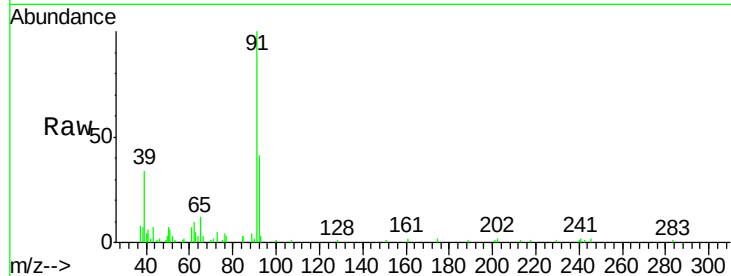
Concen: 0.149 ppbv m
RT: 9.83 min Scan# 2191
Delta R.T. -0.00 min
Lab File: VL036181.D
Acq: 17 Dec 2020 00:28

Instrument :
MSVOA_L
ClientSampleId :
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Tgt Ion: 91 Resp: 41632
Ion Ratio Lower Upper
91 100
92 61.0 48.2 72.2

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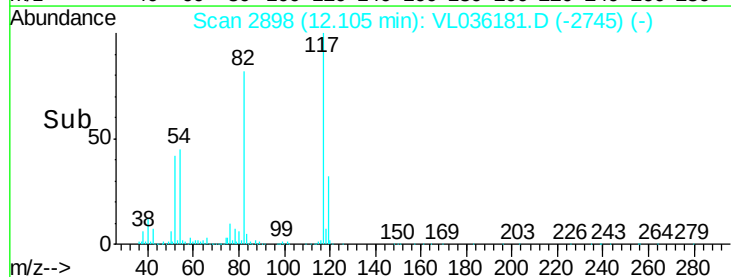
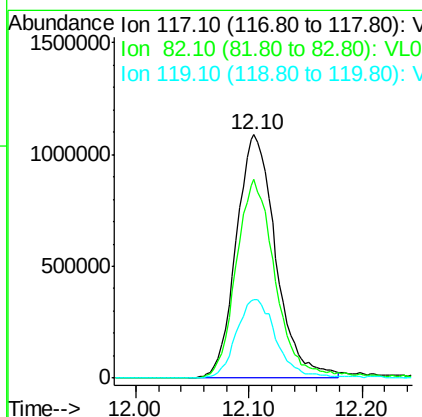
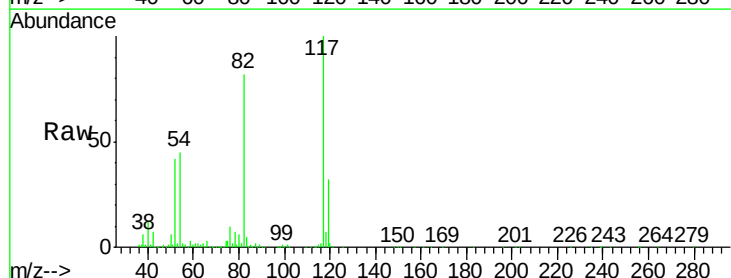


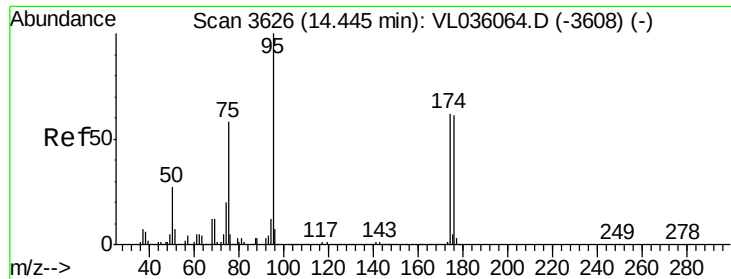
#55

Chlorobenzene-d5

Concen: 10.000 ppbv
RT: 12.10 min Scan# 2898
Delta R.T. -0.01 min
Lab File: VL036181.D
Acq: 17 Dec 2020 00:28

Tgt Ion: 117 Resp: 2647178
Ion Ratio Lower Upper
117 100
82 81.3 0.0 0.0#
119 33.2 0.0 0.0#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 11.258 ppbv
 RT: 14.44 min Scan# 3624
 Delta R.T. -0.01 min
 Lab File: VL036181.D
 Acq: 17 Dec 2020 00:28

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DL

Tgt Ion: 95 Resp: 2366421
 Ion Ratio Lower Upper
 95 100
 174 54.2 50.7 76.1
 175 3.9 4.0 6.0#

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