

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111220\
 Data File : VL035922.D
 Acq On : 12 Nov 2020 20:39
 Operator : SY/AP
 Sample : L4720-05DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CVS-5DL

Manual Integrations
 APPROVED

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Quant Time: Nov 13 03:21:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Nov 04
 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	1105853	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3891338	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3650239	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2640954	10.18	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.80%

Target Compounds					Ovalue
9) Propene	3.01	41	9660m	0.199	ppbv
13) Ethanol	3.61	45	46806	4.451	ppbv
15) Acetone	3.86	43	83934	0.710	ppbv #
19) Isopropyl Alcohol	3.98	45	19168m	0.264	ppbv
20) Methylene Chloride	4.34	84	148611	1.786	ppbv
26) Hexane	5.68	57	100892	0.785	ppbv #
53) Toluene	9.81	91	95957	0.275	ppbv

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

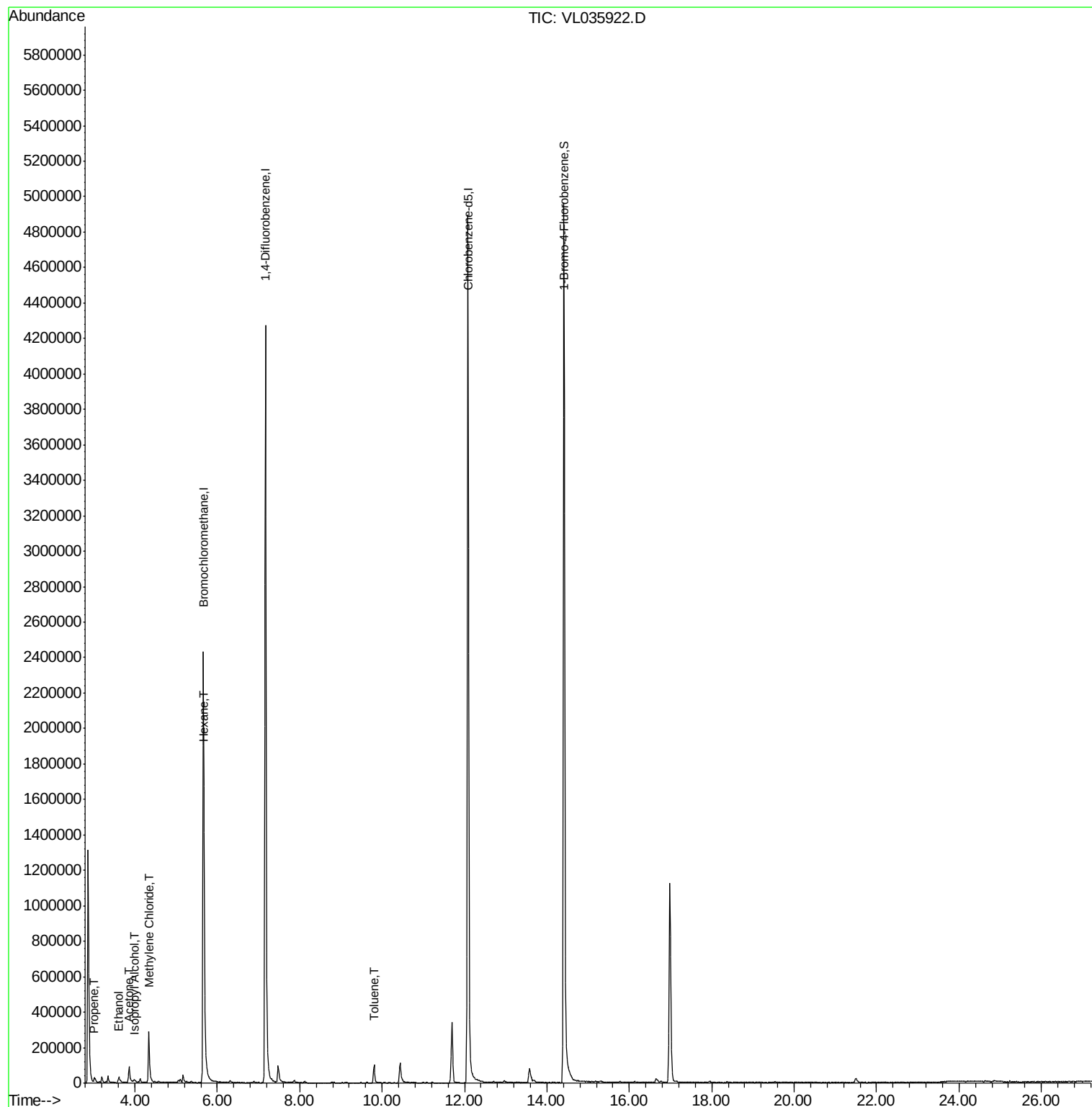
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL111220\
Data File : VL035922.D
Acq On : 12 Nov 2020 20:39
Operator : SY/AP
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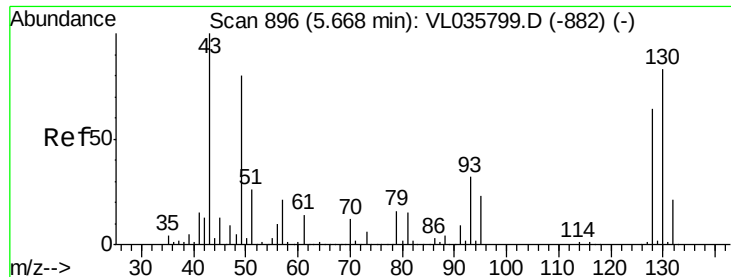
Instrument :
MSVOA_L
ClientSampleId :
CVS-5DL

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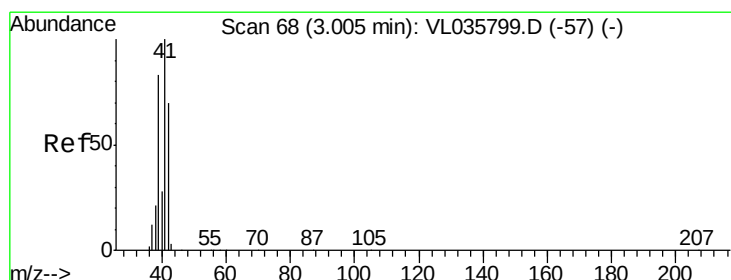
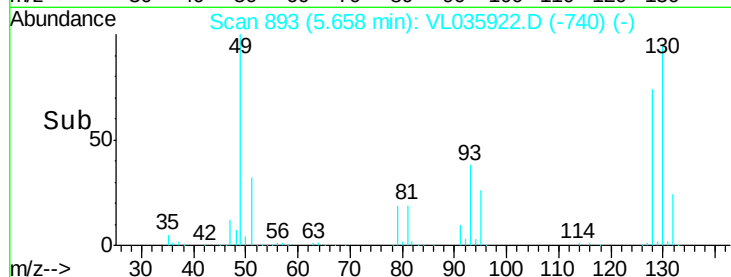
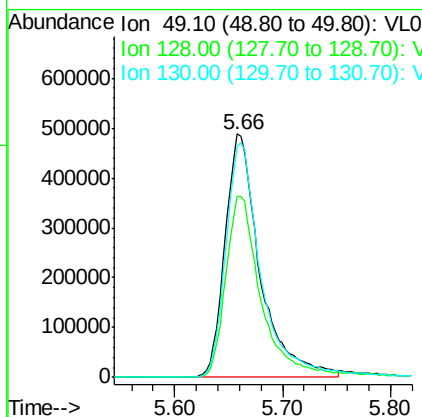
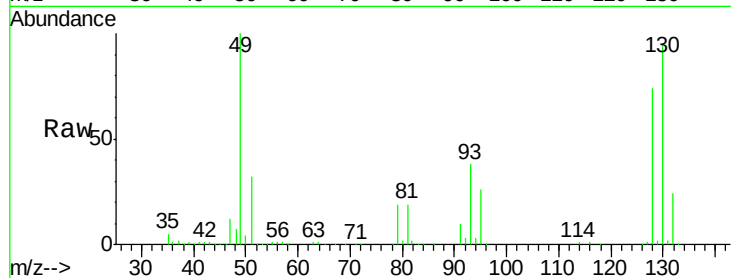
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66 min Scan# 893
Delta R.T. -0.01 min
Lab File: VL035922.D
Acq: 12 Nov 2020 20:39

Instrument :
MSVOA_L
ClientSampled :
CVS-5DL

Tot Ion: 49 Resp: 1105853
Ion Ratio Lower Upper
49 100
128 76.6 41.5 124.6
130 99.2 53.7 161.1

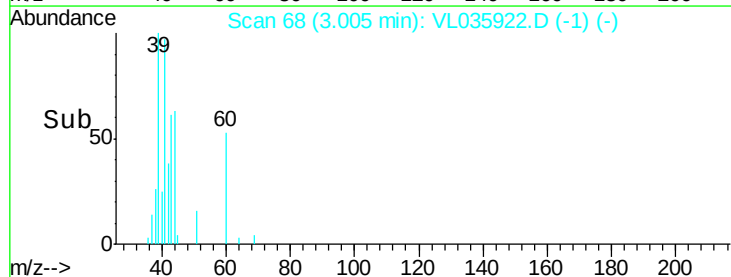
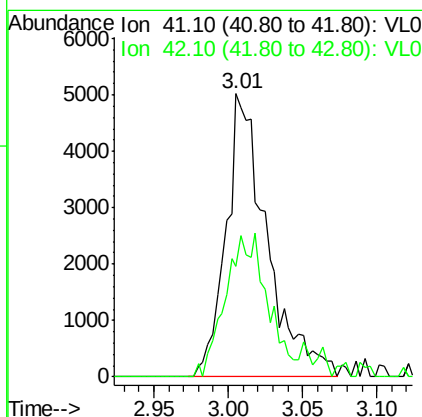
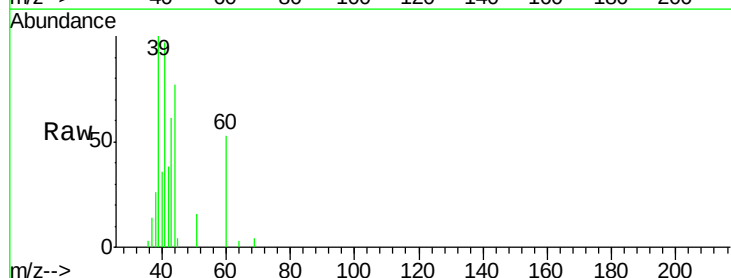
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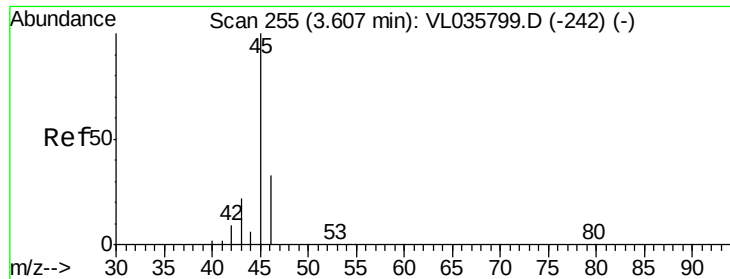
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#9
Propene
Concen: 0.199 ppbv m
RT: 3.01 min Scan# 68
Delta R.T. 0.00 min
Lab File: VL035922.D
Acq: 12 Nov 2020 20:39

Tgt Ion: 41 Resp: 9660
Ion Ratio Lower Upper
41 100
42 50.9 56.2 84.4#





#13

Ethanol

Concen: 4.451 ppbv

RT: 3.61 min Scan# 255

Delta R.T. 0.00 min

Lab File: VL035922.D

Acq: 12 Nov 2020 20:39

Instrument :

MSVOA_L

ClientSampled :

CVS-5DL

Tot Ion: 45 Resp: 46806

Ion Ratio Lower Upper

45 100

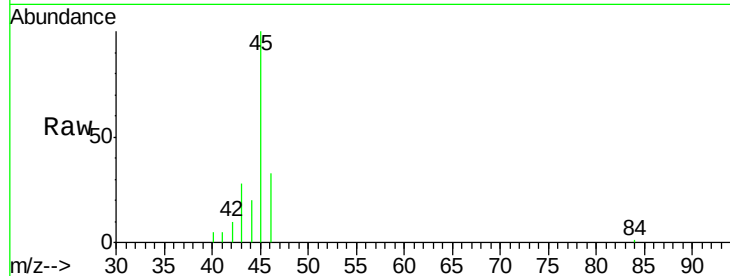
46 41.9 16.1 64.5

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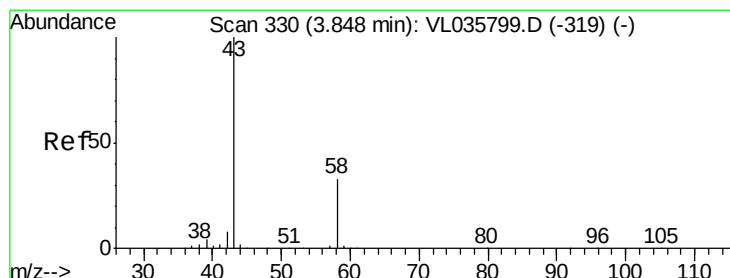
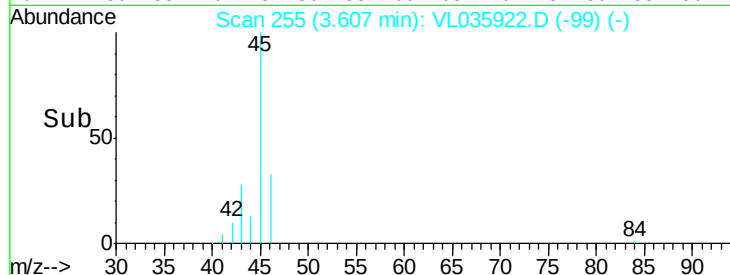
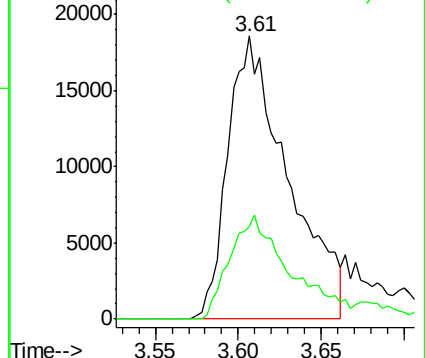
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Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0



#15

Acetone

Concen: 0.710 ppbv

RT: 3.86 min Scan# 333

Delta R.T. 0.01 min

Lab File: VL035922.D

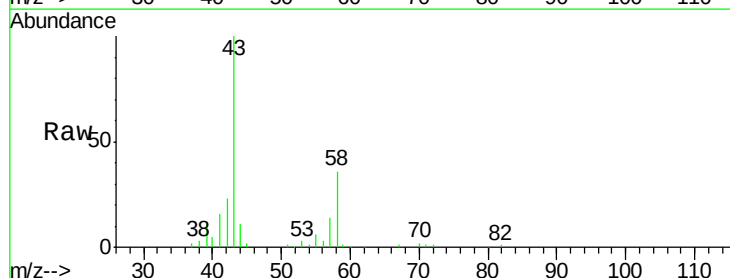
Acq: 12 Nov 2020 20:39

Tgt Ion: 43 Resp: 83934

Ion Ratio Lower Upper

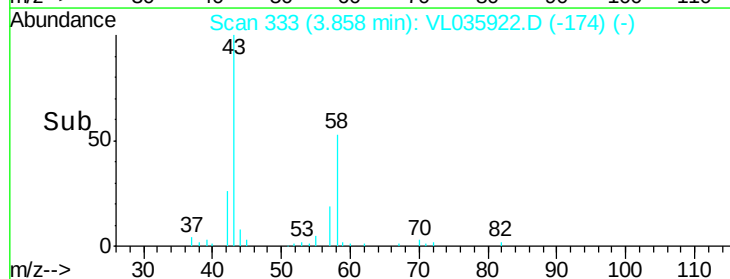
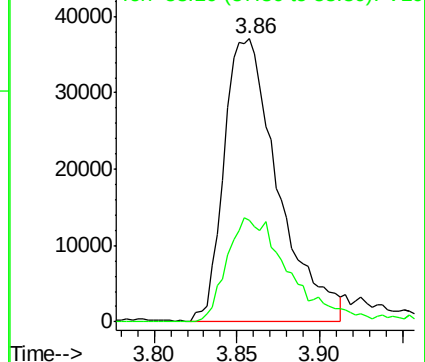
43 100

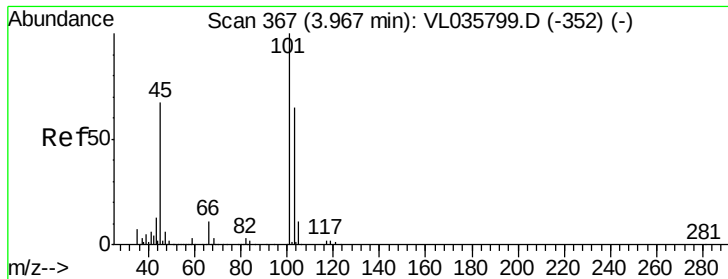
58 43.1 27.5 41.3#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





#19

Isopropyl Alcohol

Concen: 0.264 ppbv m

RT: 3.98 min Scan# 370

Delta R.T. 0.01 min

Lab File: VL035922.D

Acq: 12 Nov 2020 20:39

Instrument :

MSVOA_L

ClientSampleID :

CVS-5DL

Tot Ion: 45 Resp: 19168

Ion Ratio Lower Upper

45 100

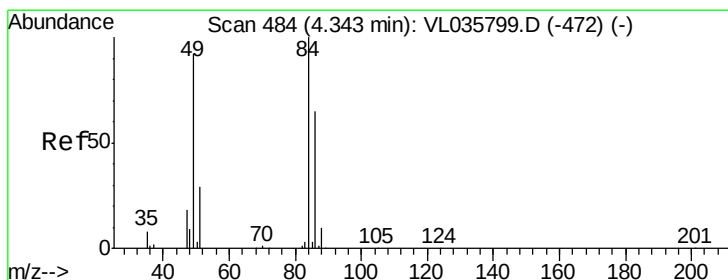
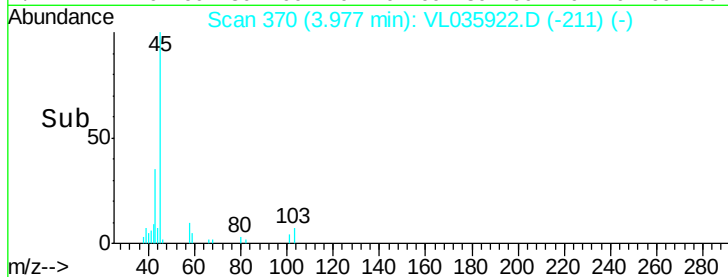
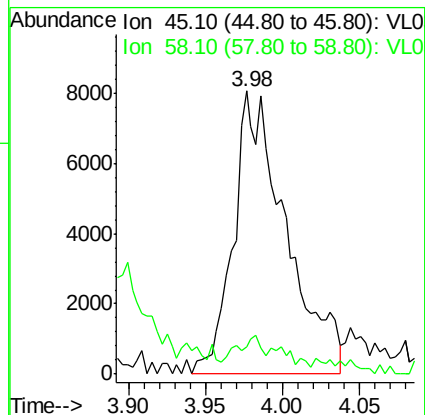
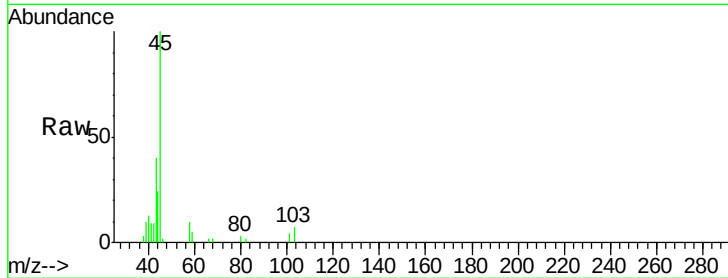
58 0.0 2.6 3.8#

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#20

Methylene Chloride

Concen: 1.786 ppbv

RT: 4.34 min Scan# 482

Delta R.T. -0.01 min

Lab File: VL035922.D

Acq: 12 Nov 2020 20:39

Tgt Ion: 84 Resp: 148611

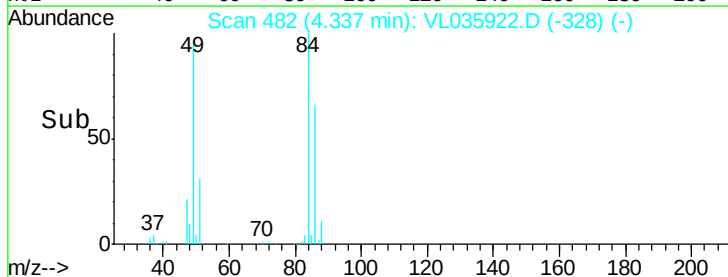
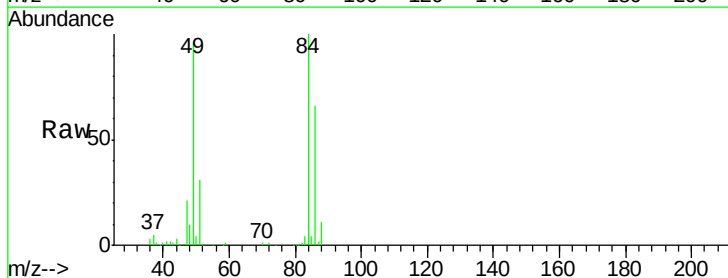
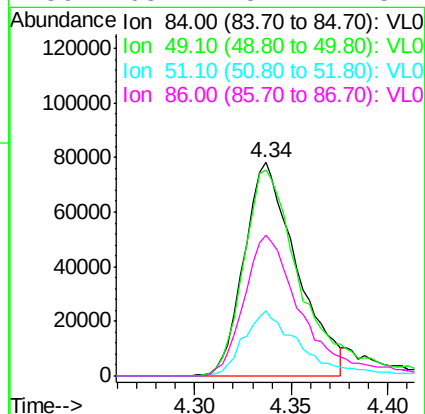
Ion Ratio Lower Upper

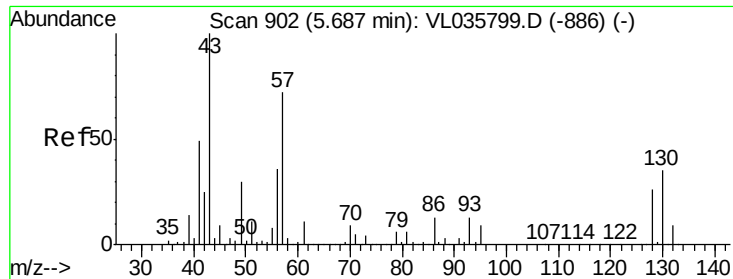
84 100

49 96.2 73.8 110.8

51 30.7 23.0 34.4

86 65.7 52.1 78.1





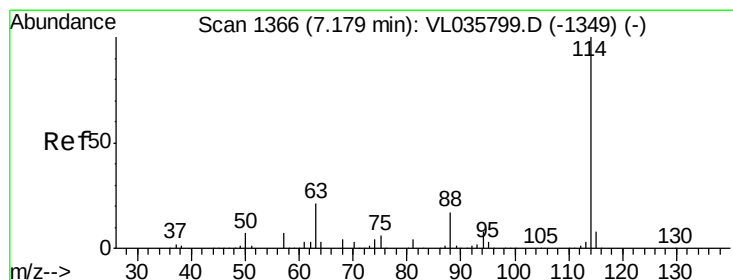
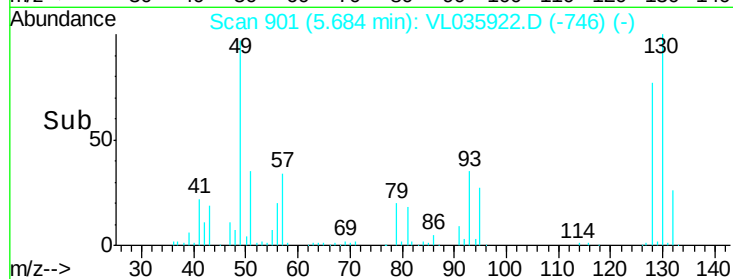
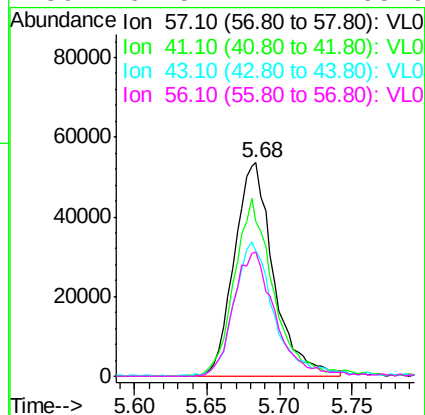
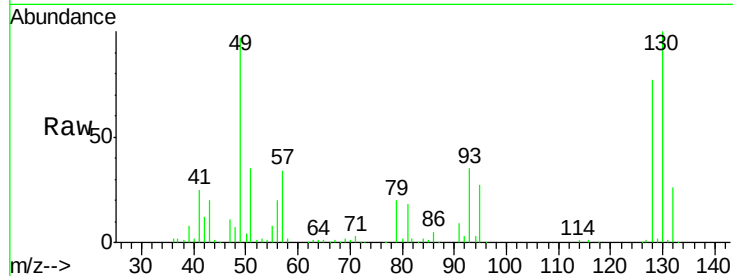
#26
Hexane
Concen: 0.785 ppbv
RT: 5.68 min Scan# 901
Delta R.T. -0.00 min
Lab File: VL035922.D
Acq: 12 Nov 2020 20:39

Instrument :
MSVOA_L
ClientSampled :
CVS-5DL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
57	100		100892		
41	84.0	58.9		88.3	
43	65.8	150.2		225.2	
56	62.5	42.4		63.6	

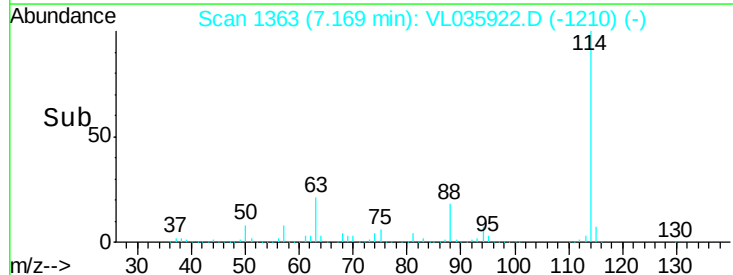
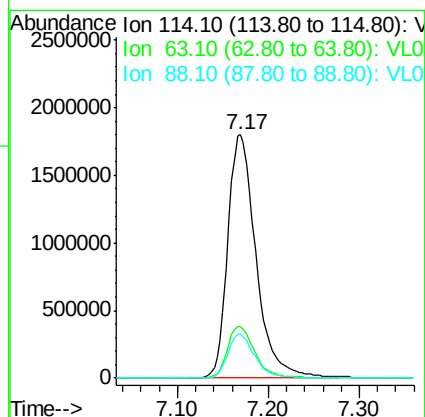
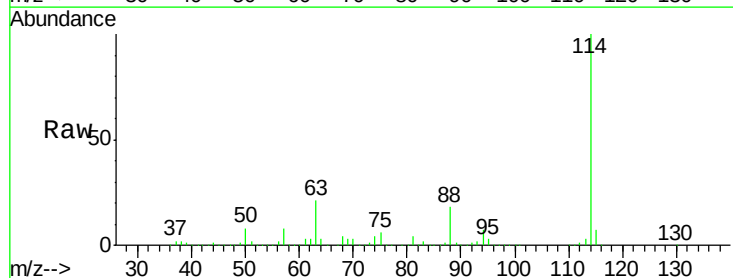
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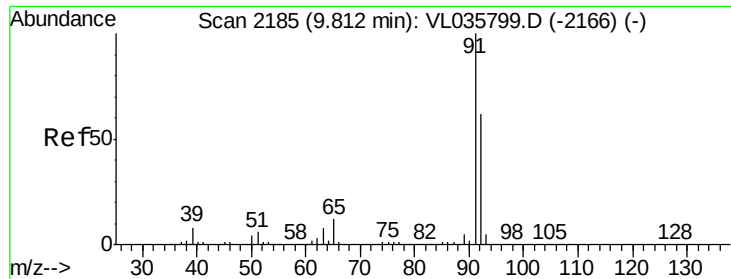
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1363
Delta R.T. -0.01 min
Lab File: VL035922.D
Acq: 12 Nov 2020 20:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
114	100		3891338		
63	20.9	16.1		24.1	
88	17.5	13.7		20.5	





#53

Toluene

Concen: 0.275 ppbv

RT: 9.81 min Scan# 2183

Delta R.T. -0.01 min

Lab File: VL035922.D

Acq: 12 Nov 2020 20:39

Instrument :

MSVOA_L

ClientSampleId :

CVS-5DL

Tot Ion: 91 Resp: 95957

Ion Ratio Lower Upper

91 100

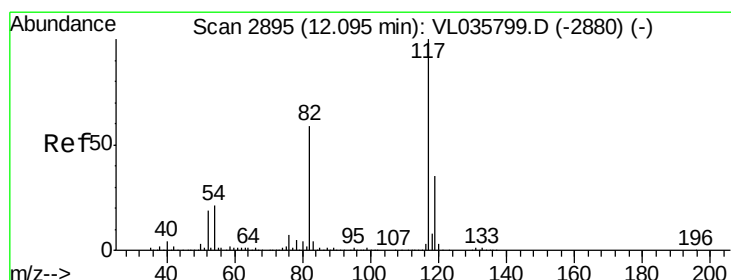
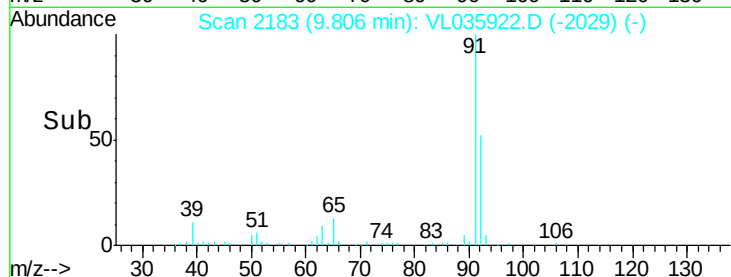
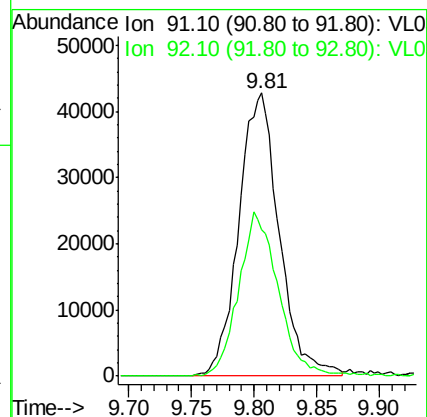
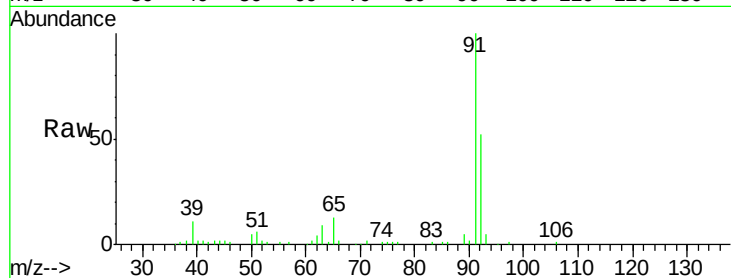
92 57.1 49.8 74.6

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.08 min Scan# 2891

Delta R.T. -0.01 min

Lab File: VL035922.D

Acq: 12 Nov 2020 20:39

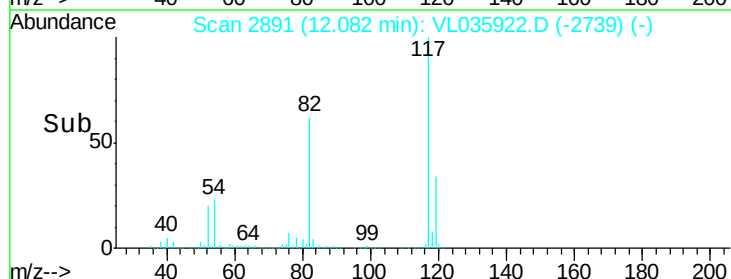
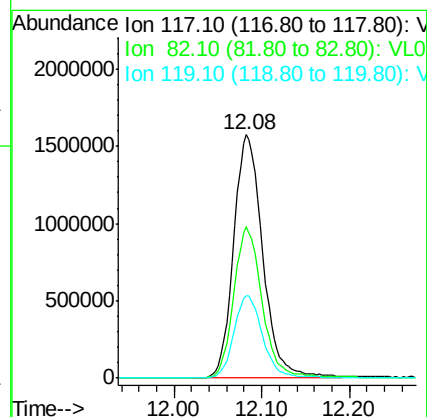
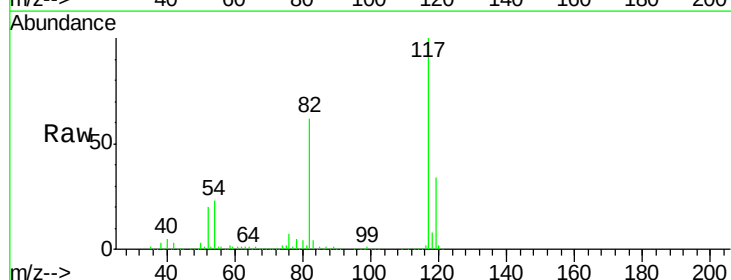
Tgt Ion: 117 Resp: 3650239

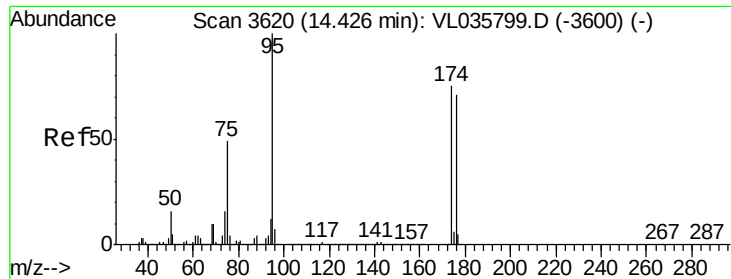
Ion Ratio Lower Upper

117 100

82 61.5 50.6 76.0

119 33.9 52.6 78.8#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.183 ppbv
 RT: 14.41 min Scan# 3616
 Delta R.T. -0.01 min
 Lab File: VL035922.D
 Acq: 12 Nov 2020 20:39

Instrument :
 MSVOA_L
 ClientSampleId :
 CVS-5DL

Tot Ion	Ion	Ratio	Lower	Upper
95	100			
174	73.0	59.8	89.6	
175	5.2	4.3	6.5	

Manual Integrations
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