

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL022620\
 Data File : VL034690.D
 Acq On : 26 Feb 2020 16:29
 Operator : SY/AP
 Sample : L1664-01DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CR-103-BRWDL

Manual Integrations
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Quant Time: Feb 27 15:50:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL022620AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 27 15:50:19 2020
 QLast Update : Wed Feb 26 06:58:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1020029	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2062653	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	2070230	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	1743430	10.27	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	2.99	41	10395m	0.226	ppbv	
13) Ethanol	3.59	45	57672m	3.967	ppbv	
15) Acetone	3.84	43	61325	0.528	ppbv	97
26) Hexane	5.68	57	22382	0.236	ppbv #	39
53) Toluene	9.82	91	41239m	0.218	ppbv	

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

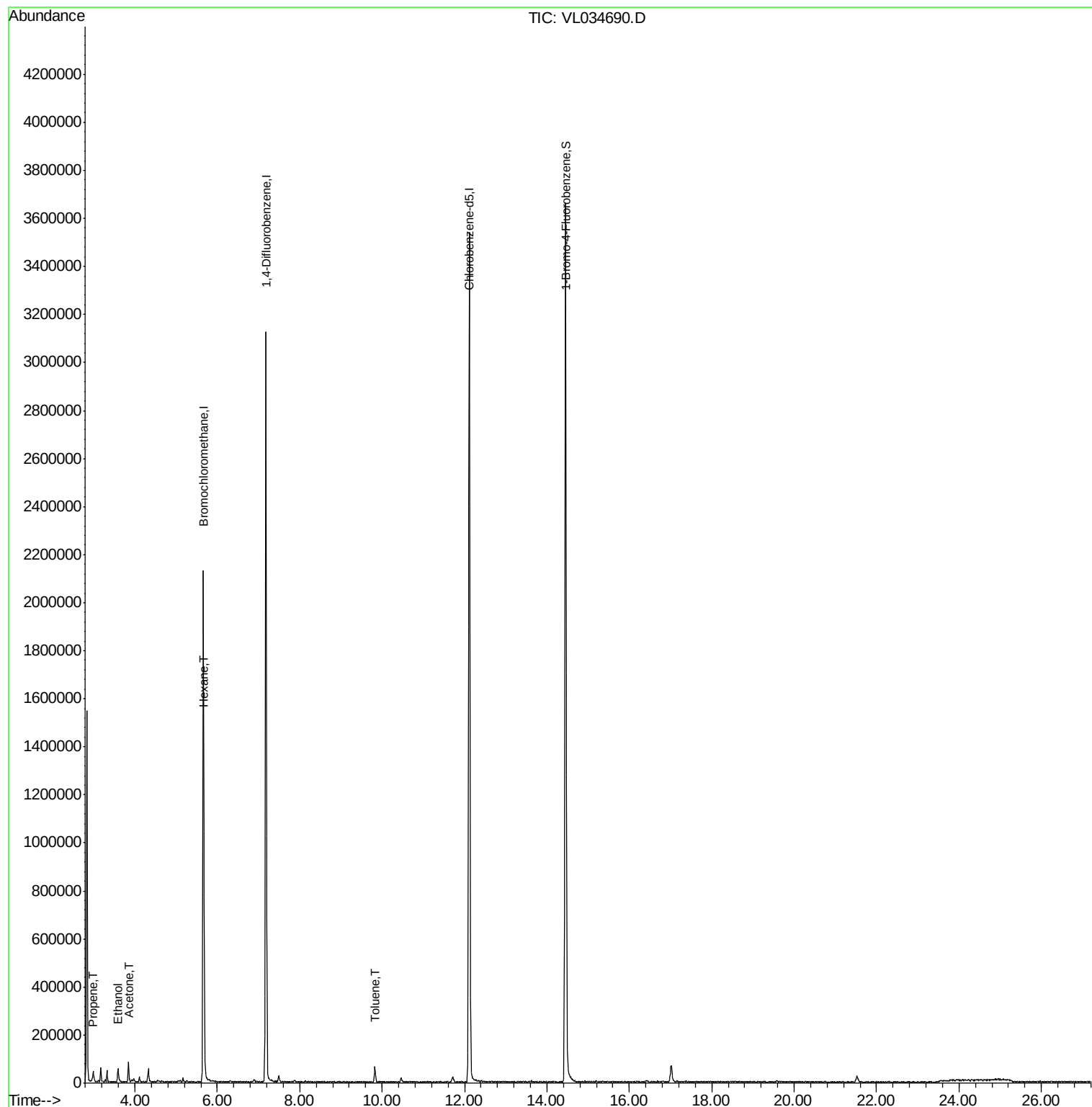
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL022620\
Data File : VL034690.D
Acq On : 26 Feb 2020 16:29
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Misc : 400ml/MSVOA L
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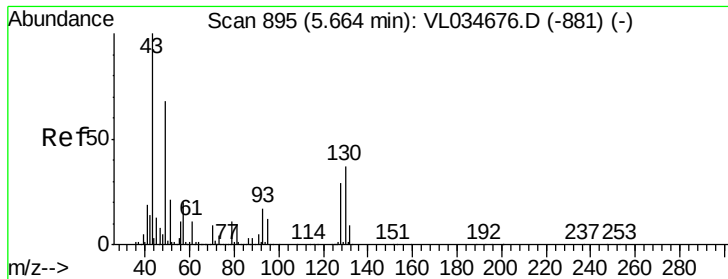
Instrument :
MSVOA_L
ClientSampleId :
CR-103-BRWDL

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Quant Time: Feb 27 15:50:19 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL022620AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Feb
QLast Update : Wed Feb 26 06:58:15 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 894

Delta R.T. -0.00 min

Lab File: VL034690.D

Acq: 26 Feb 2020 16:29

Instrument :

MSVOA_L

ClientSampleId :

CR-103-BRWDL

Tot Ion: 49 Resp: 1020029

Ion Ratio Lower Upper

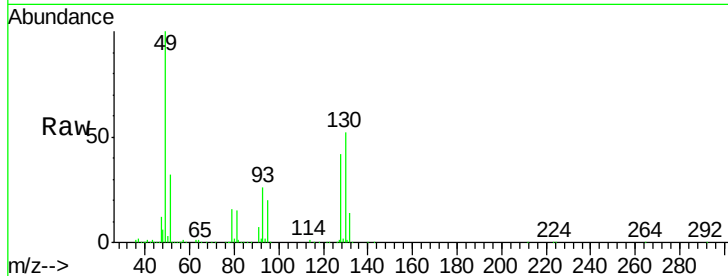
49 100

128 44.1 21.6 65.0

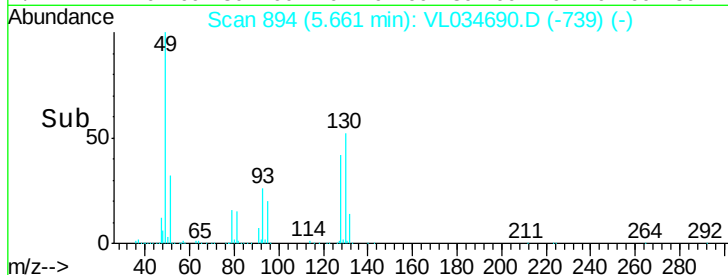
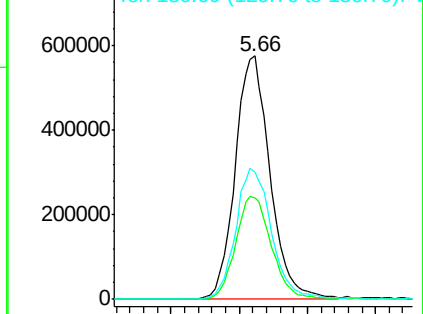
130 56.1 27.7 83.1

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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



#9

Propene

Concen: 0.226 ppbv m

RT: 2.99 min Scan# 63

Delta R.T. 0.02 min

Lab File: VL034690.D

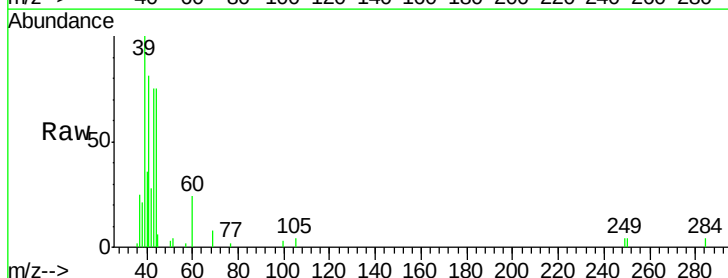
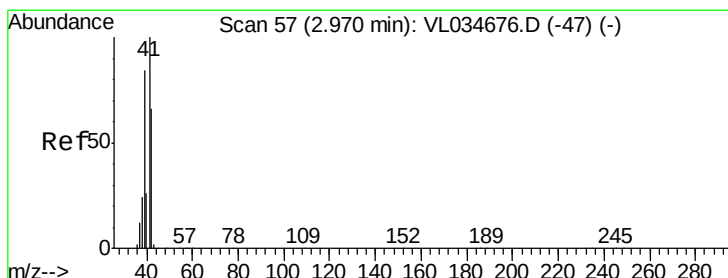
Acq: 26 Feb 2020 16:29

Tgt Ion: 41 Resp: 10395

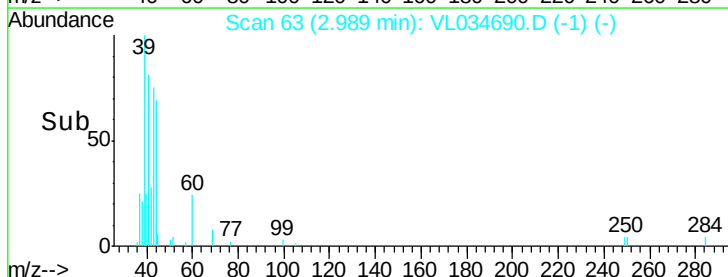
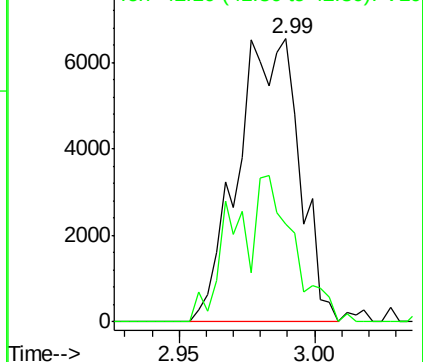
Ion Ratio Lower Upper

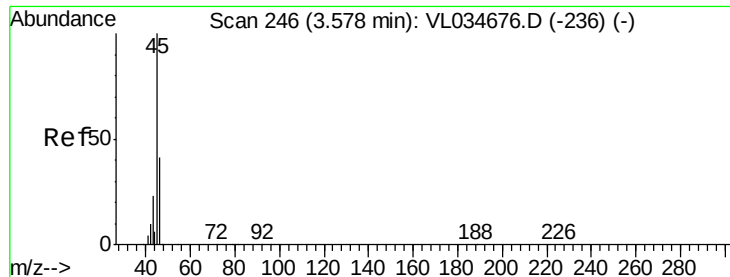
41 100

42 12.3 54.9 82.3#



Abundance Ion 41.10 (40.80 to 41.80): VL0
Ion 42.10 (41.80 to 42.80): VL0





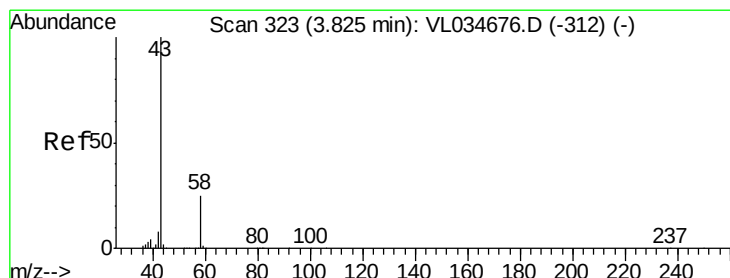
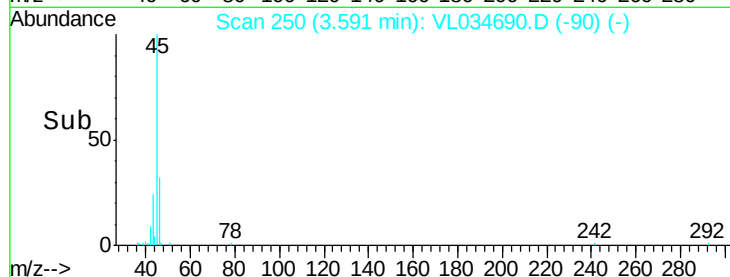
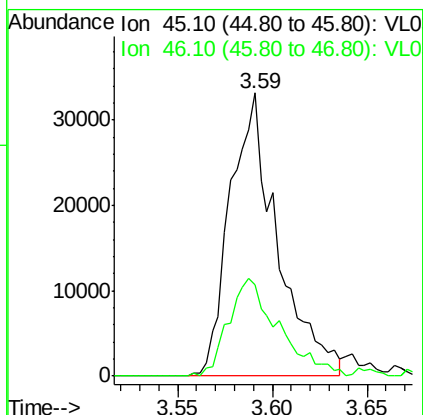
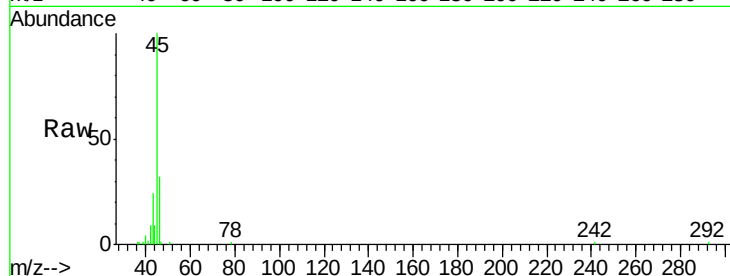
#13
Ethanol
Concen: 3.967 ppbv m
RT: 3.59 min Scan# 250
Delta R.T. 0.01 min
Lab File: VL034690.D
Acq: 26 Feb 2020 16:29

Instrument :
MSVOA_L
ClientSampleId :
CR-103-BRWDL

Tot Ion: 45 Resp: 57672
Ion Ratio Lower Upper
45 100
46 38.3 15.4 61.4

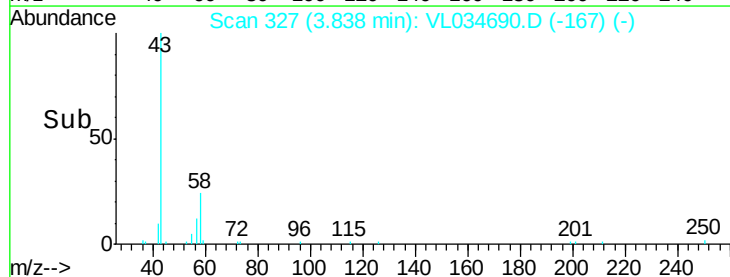
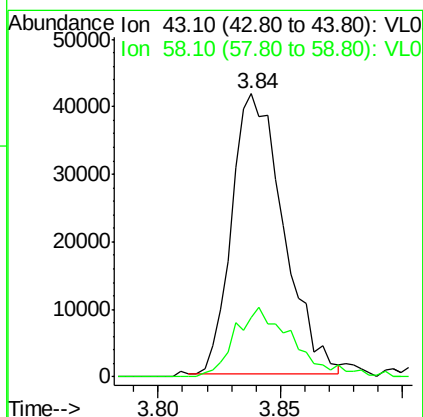
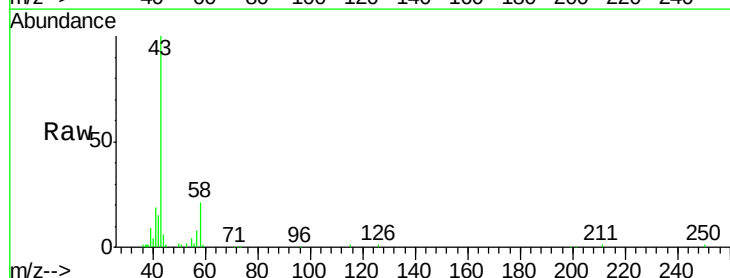
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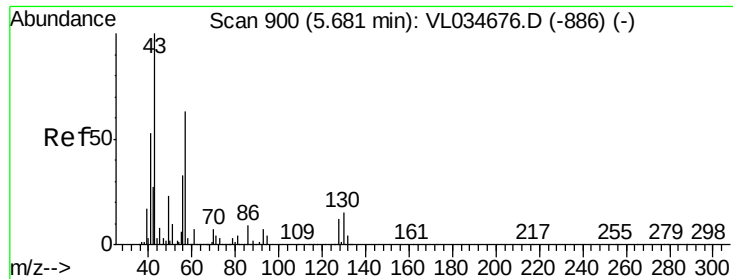
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#15
Acetone
Concen: 0.528 ppbv
RT: 3.84 min Scan# 327
Delta R.T. 0.01 min
Lab File: VL034690.D
Acq: 26 Feb 2020 16:29

Tgt Ion: 43 Resp: 61325
Ion Ratio Lower Upper
43 100
58 28.2 21.4 32.0





#26

Hexane

Concen: 0.236 ppbv

RT: 5.68 min Scan# 900

Delta R.T. 0.00 min

Lab File: VL034690.D

Acq: 26 Feb 2020 16:29

Instrument :

MSVOA_L

ClientSampleId :

CR-103-BRWDL

Tot Ion: 57 Resp: 22382

Ion Ratio Lower Upper

57 100

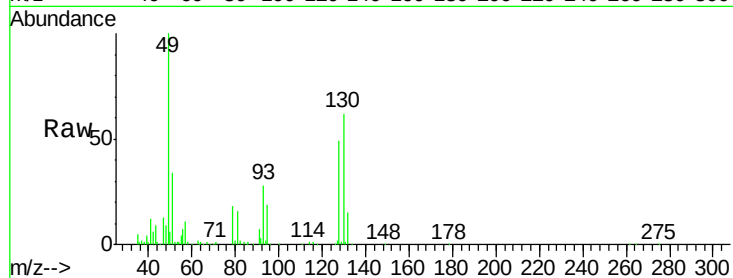
41 110.7 70.3 105.5#

43 80.9 177.0 265.4#

56 63.3 42.6 64.0

Manual Integrations
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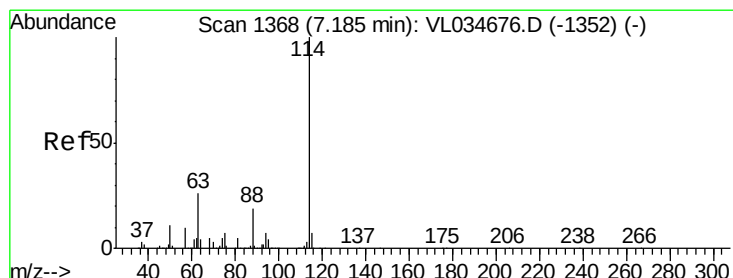
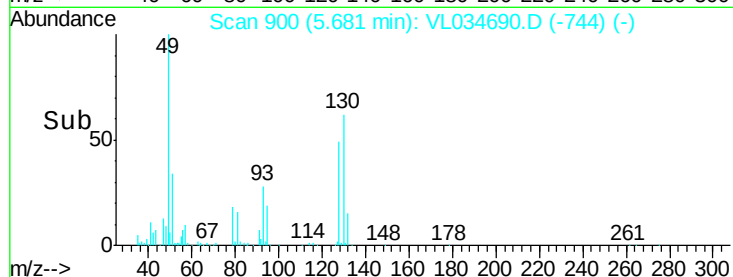
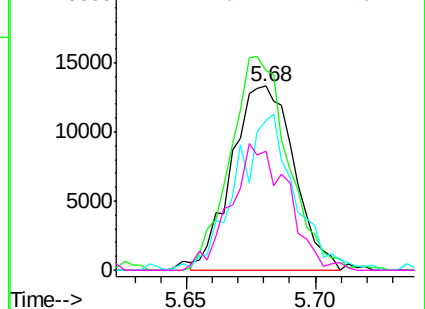


Abundance Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

Ion 56.10 (55.80 to 56.80): VL0



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.18 min Scan# 1366

Delta R.T. -0.01 min

Lab File: VL034690.D

Acq: 26 Feb 2020 16:29

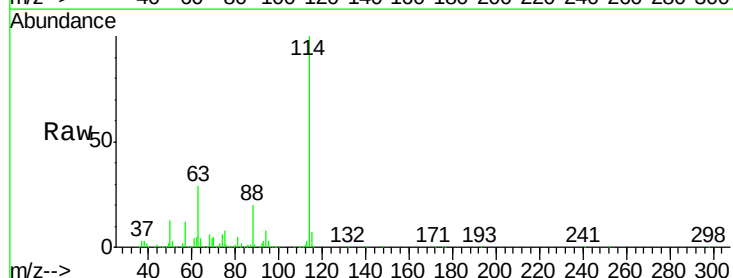
Tgt Ion: 114 Resp: 2062653

Ion Ratio Lower Upper

114 100

63 29.1 22.9 34.3

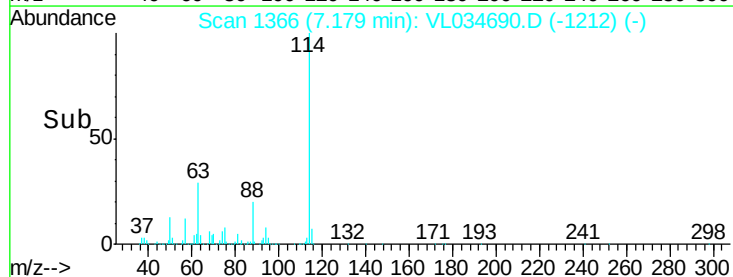
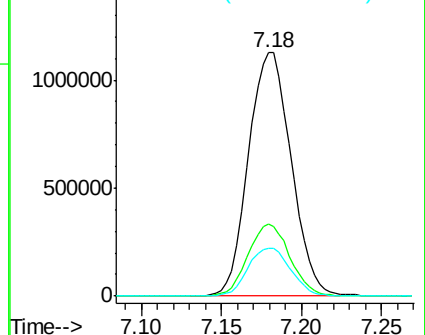
88 19.8 15.8 23.6

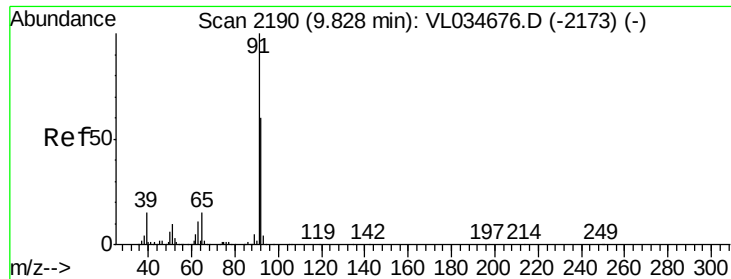


Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0





#53

Toluene

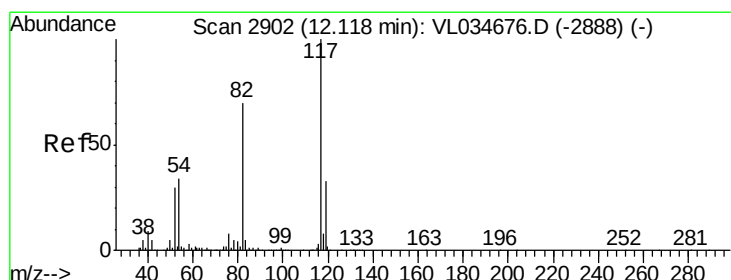
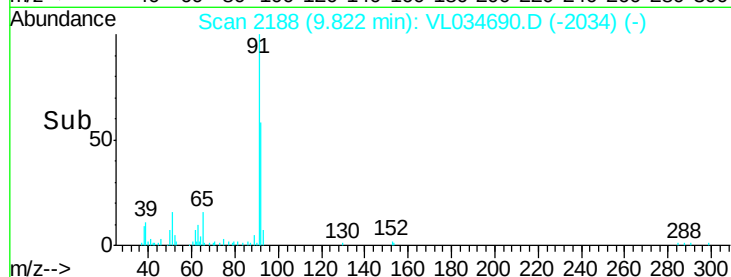
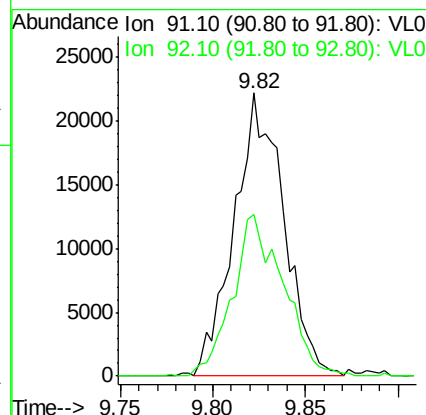
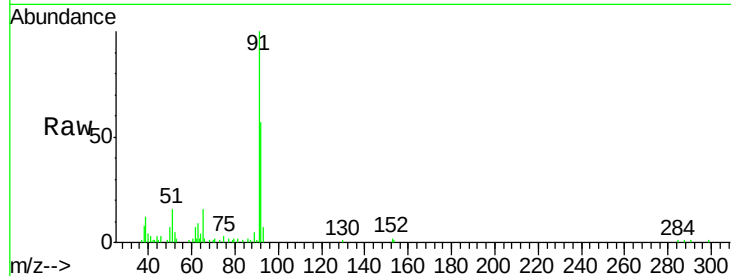
Concen: 0.218 ppbv m
 RT: 9.82 min Scan# 2188
 Delta R.T. -0.01 min
 Lab File: VL034690.D
 Acq: 26 Feb 2020 16:29

Instrument :
 MSVOA_L
 ClientSampleId :
 CR-103-BRWDL

Tot Ion: 91 Resp: 41239
 Ion Ratio Lower Upper
 91 100
 92 58.3 48.5 72.7

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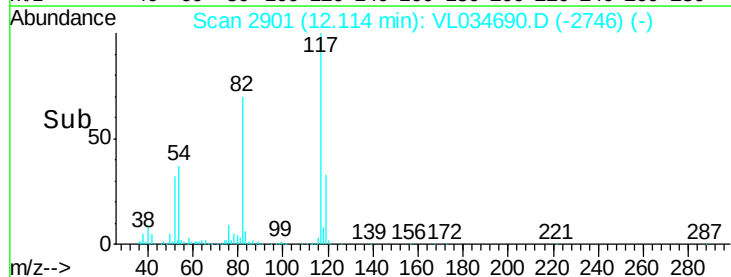
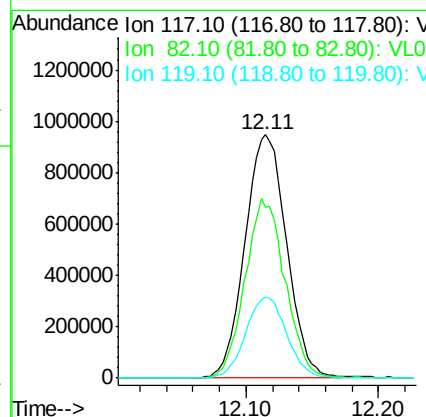
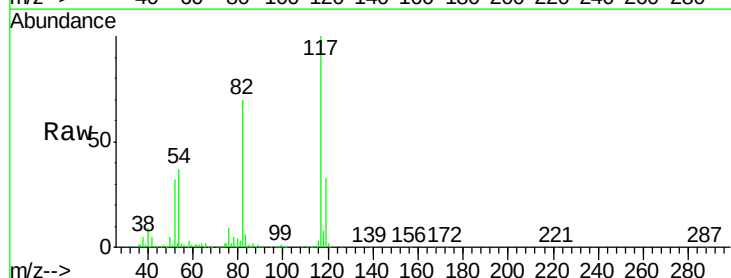


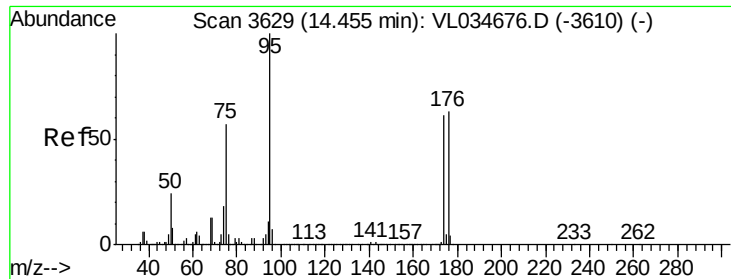
#55

Chlorobenzene-d5

Concen: 10.000 ppbv
 RT: 12.11 min Scan# 2901
 Delta R.T. -0.00 min
 Lab File: VL034690.D
 Acq: 26 Feb 2020 16:29

Tgt Ion: 117 Resp: 2070230
 Ion Ratio Lower Upper
 117 100
 82 71.2 54.1 81.1
 119 32.8 27.6 41.4





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.270 ppbv
 RT: 14.45 min Scan# 3628
 Delta R.T. -0.00 min
 Lab File: VL034690.D
 Acq: 26 Feb 2020 16:29

Instrument :
 MSVOA_L
 ClientSampleId :
 CR-103-BRWDL

Tot Ion: 95 Resp: 1743430
 Ion Ratio Lower Upper
 95 100
 174 63.6 50.7 76.1
 175 4.5 3.9 5.9

Manual Integrations
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