

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL022620\
 Data File : VL034693.D
 Acq On : 26 Feb 2020 18:31
 Operator : SY/AP
 Sample : L1664-02DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CR-104-BRWDL

Manual Integrations
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Quant Time: Feb 27 15:50:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL022620AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 27 15:50:41 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	993616	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	1971253	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	1997574	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	1702949	10.40	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	2.98	41	9441m	0.211	ppbv	
13) Ethanol	3.59	45	24338m	1.719	ppbv	
15) Acetone	3.84	43	54388	0.480	ppbv	96
26) Hexane	5.68	57	15444	0.167	ppbv #	39
53) Toluene	9.83	91	26888m	0.148	ppbv	

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

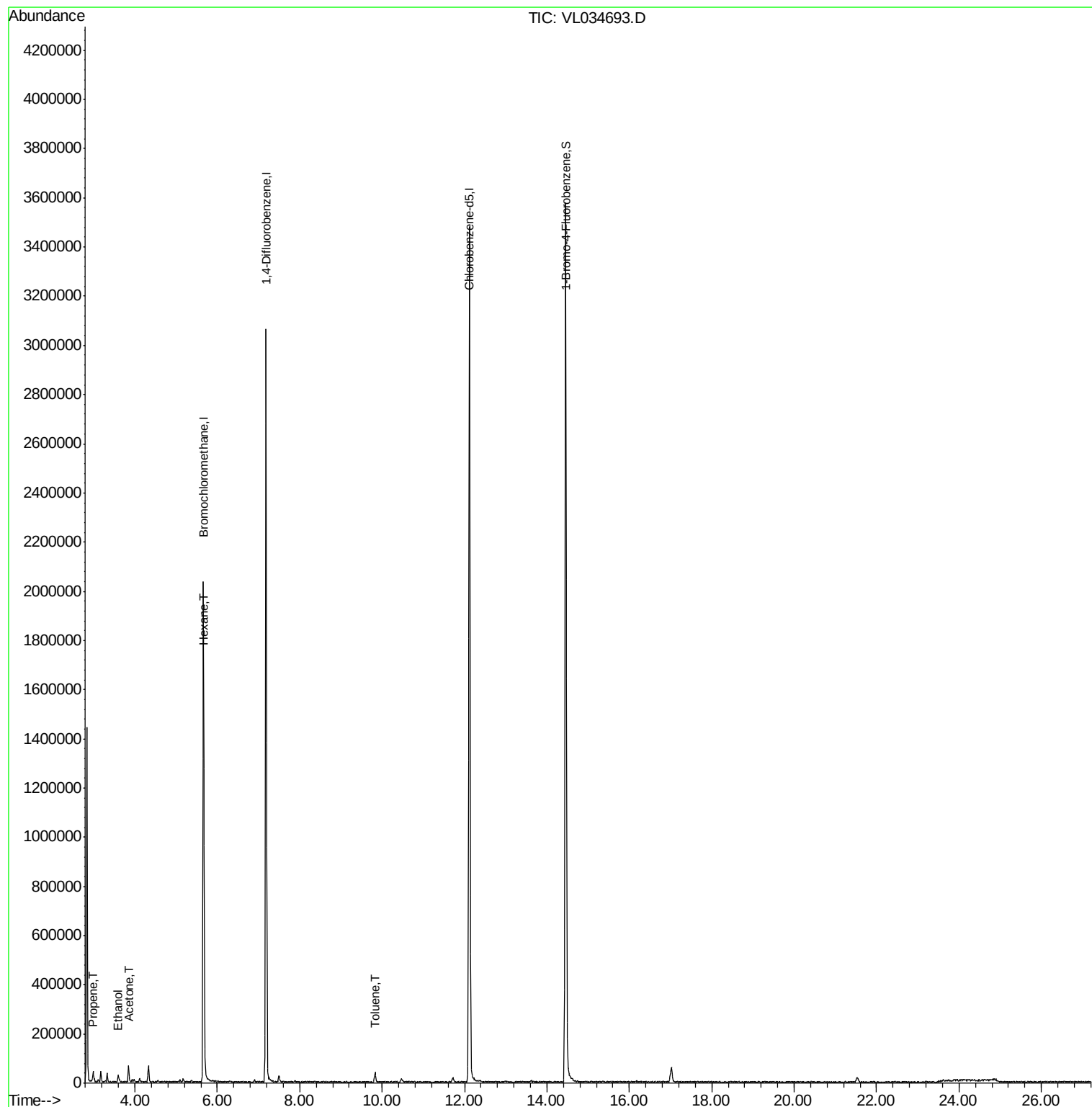
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL022620\
Data File : VL034693.D
Acq On : 26 Feb 2020 18:31
Operator : SY/AP
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Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

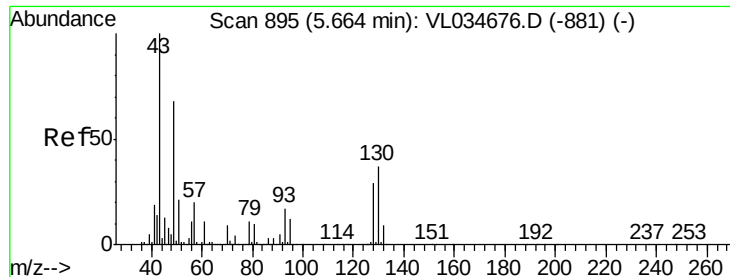
Instrument :
MSVOA_L
ClientSampleId :
CR-104-BRWDL

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Quant Time: Feb 27 15:50:41 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: VL034693.D

Acq: 26 Feb 2020 18:31

Instrument :

MSVOA_L

ClientSampleId :

CR-104-BRWDL

Tot Ion: 49 Resp: 993616
Ion Ratio Lower Upper

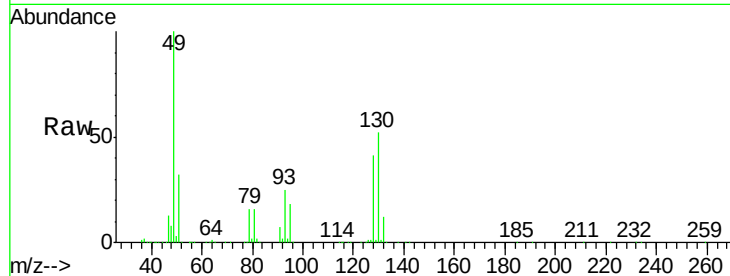
49 100

128 42.8 21.6 65.0

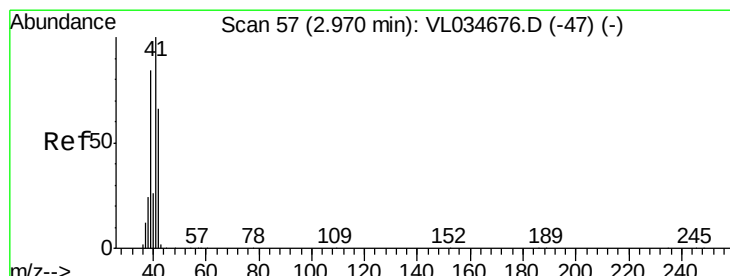
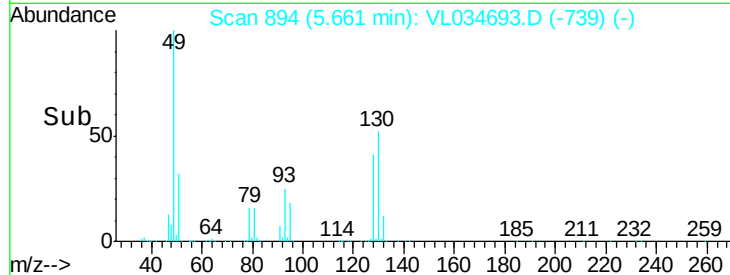
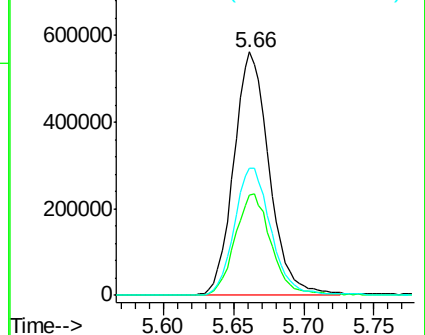
130 54.2 27.7 83.1

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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: 0.211 ppbv m

RT: 2.98 min Scan# 61

Delta R.T. 0.01 min

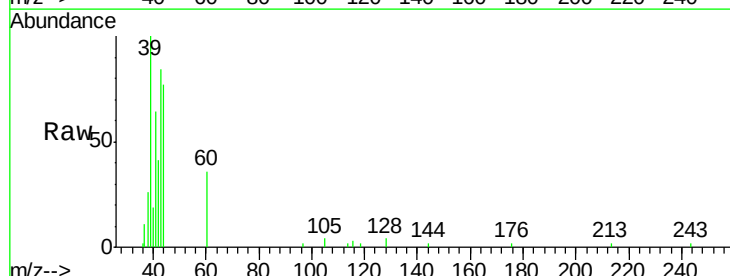
Lab File: VL034693.D

Acq: 26 Feb 2020 18:31

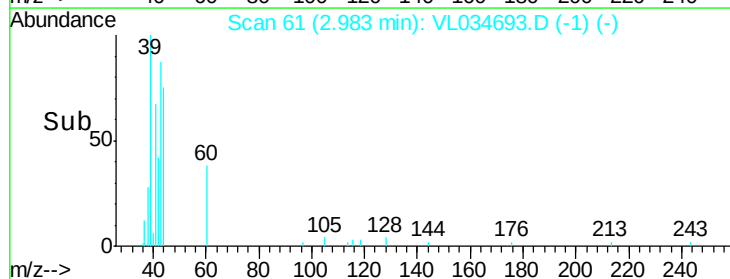
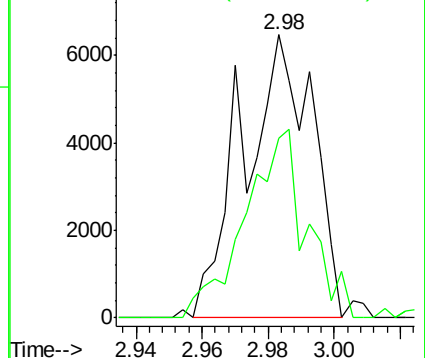
Tgt Ion: 41 Resp: 9441
Ion Ratio Lower Upper

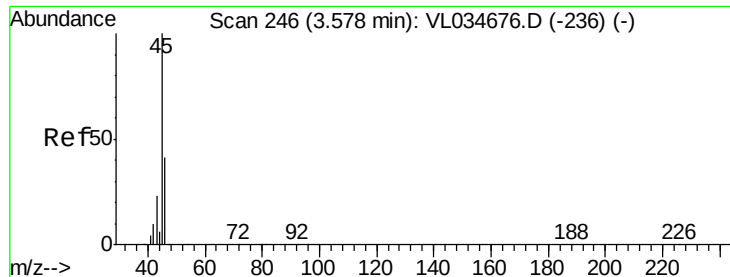
41 100

42 107.4 54.9 82.3#



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





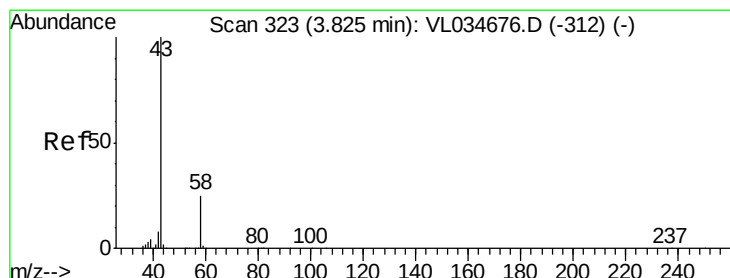
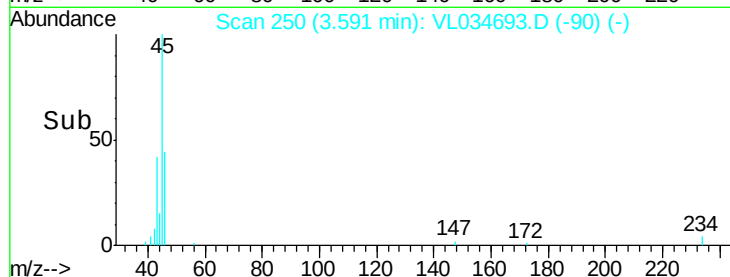
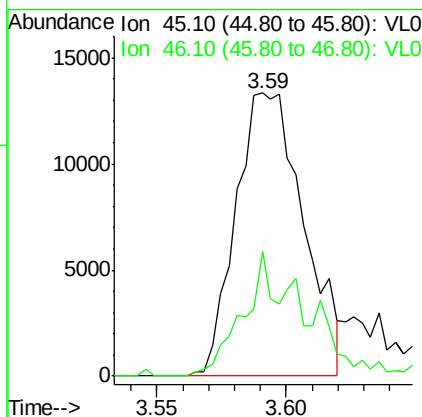
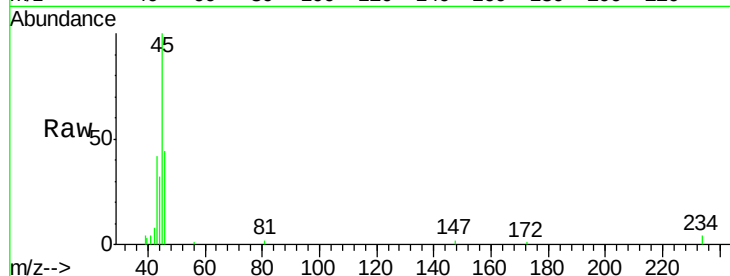
#13
Ethanol
Concen: 1.719 ppbv m
RT: 3.59 min Scan# 250
Delta R.T. 0.01 min
Lab File: VL034693.D
Acq: 26 Feb 2020 18:31

Instrument :
MSVOA_L
ClientSampleId :
CR-104-BRWDL

Tot Ion	45	Resp	24338
Ion Ratio	100	Lower	Upper
46	41.8	15.4	61.4

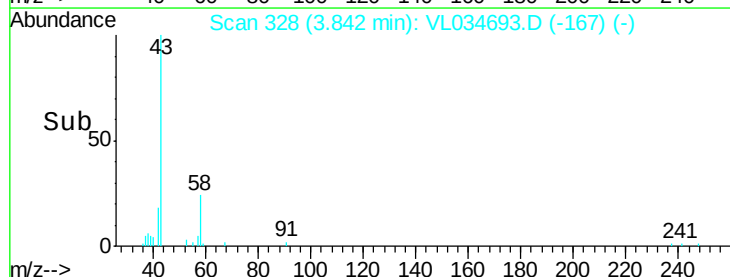
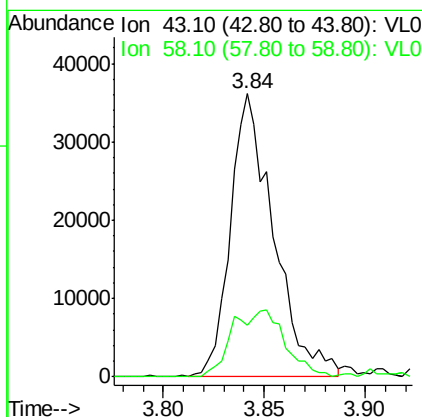
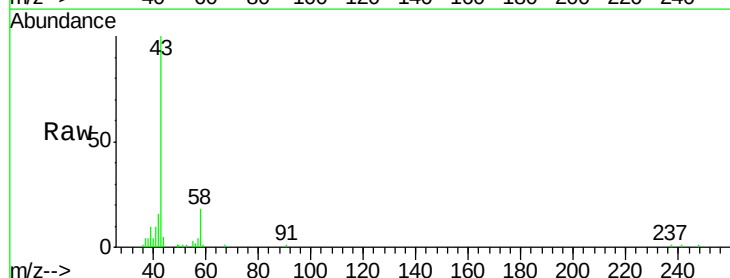
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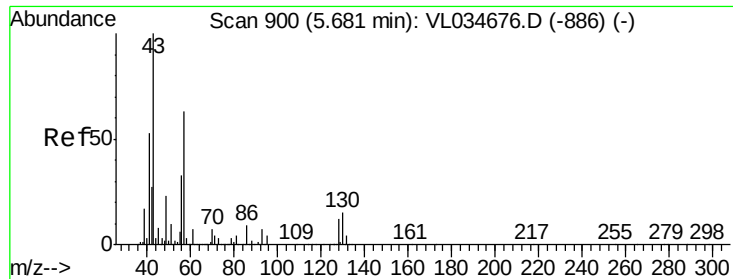
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#15
Acetone
Concen: 0.480 ppbv
RT: 3.84 min Scan# 328
Delta R.T. 0.02 min
Lab File: VL034693.D
Acq: 26 Feb 2020 18:31

Tgt Ion	43	Resp	54388
Ion Ratio	100	Lower	Upper
58	28.7	21.4	32.0





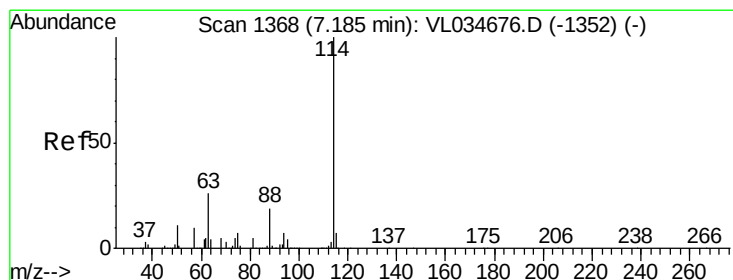
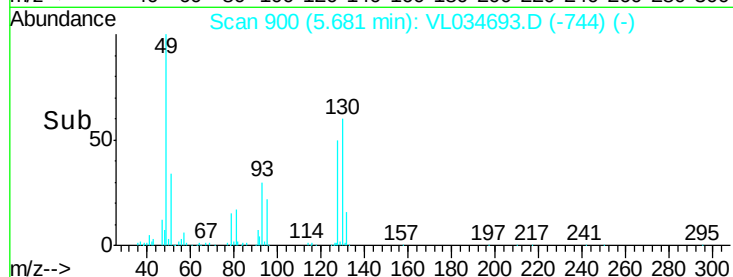
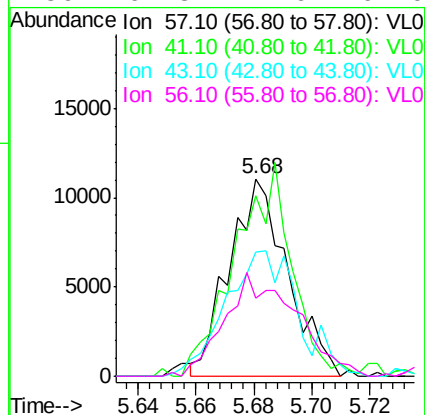
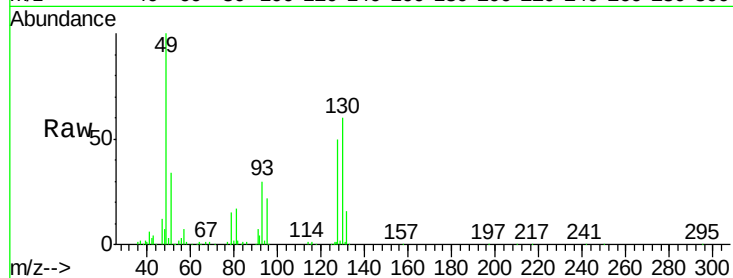
#26
Hexane
Concen: 0.167 ppbv
RT: 5.68 min Scan# 900
Delta R.T. 0.00 min
Lab File: VL034693.D
Acq: 26 Feb 2020 18:31

Instrument :
MSVOA_L
ClientSampleId :
CR-104-BRWDL

Tot Ion	Ratio	Lower	Upper
57	100		
41	109.6	70.3	105.5#
43	80.3	177.0	265.4#
56	64.3	42.6	64.0#

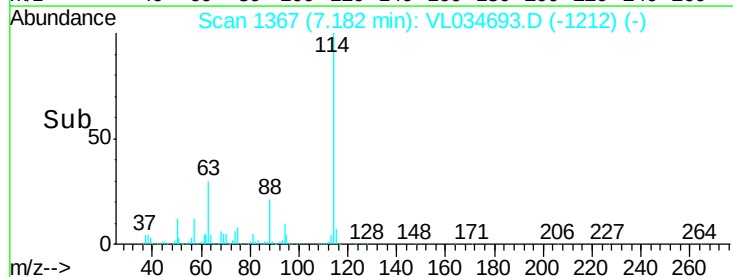
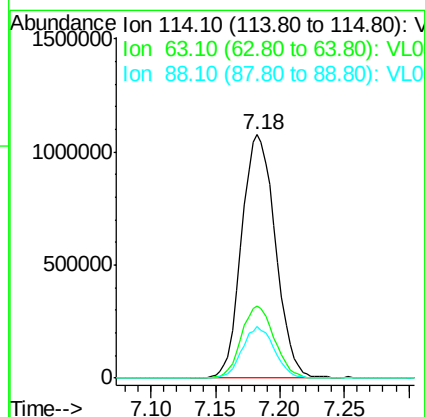
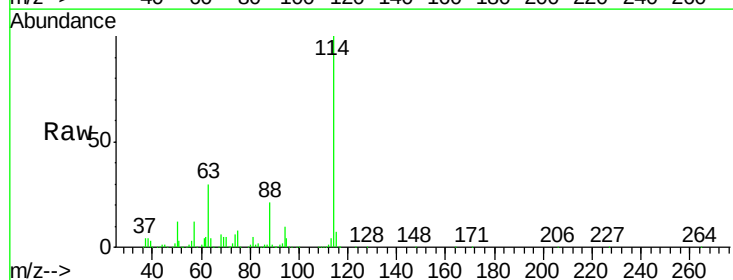
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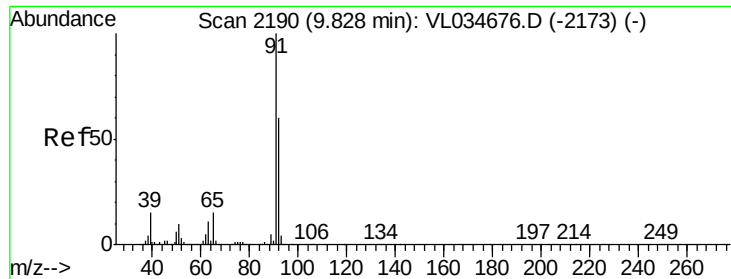
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VL034693.D
Acq: 26 Feb 2020 18:31

Tgt Ion	Ratio	Lower	Upper
114	100		
63	29.0	22.9	34.3
88	20.1	15.8	23.6





#53

Toluene

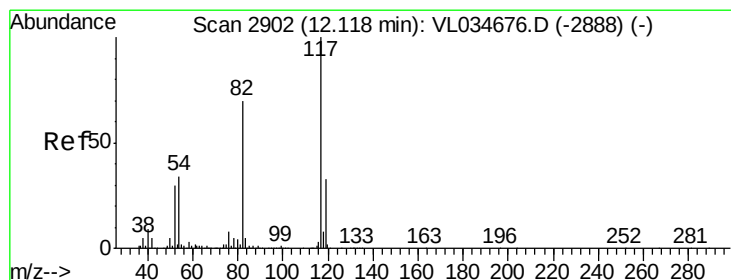
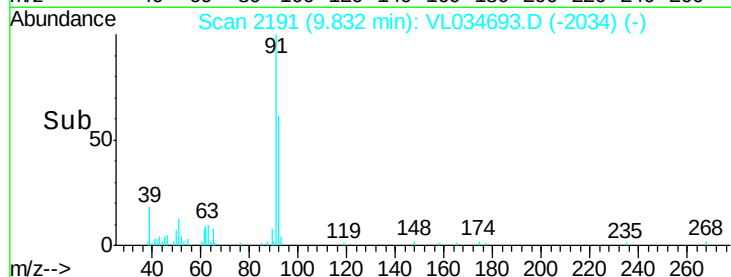
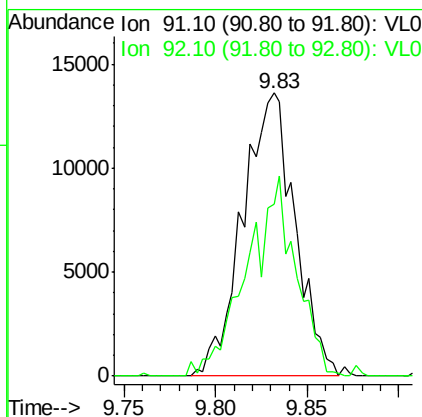
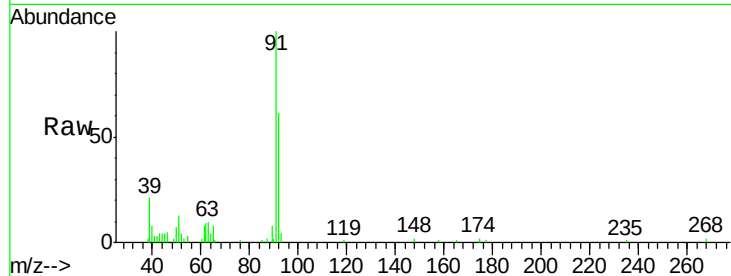
Concen: 0.148 ppbv m
 RT: 9.83 min Scan# 2191
 Delta R.T. 0.00 min
 Lab File: VL034693.D
 Acq: 26 Feb 2020 18:31

Instrument :
 MSVOA_L
 ClientSampleId :
 CR-104-BRWDL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		26888		
92	0.0		48.5		72.7#

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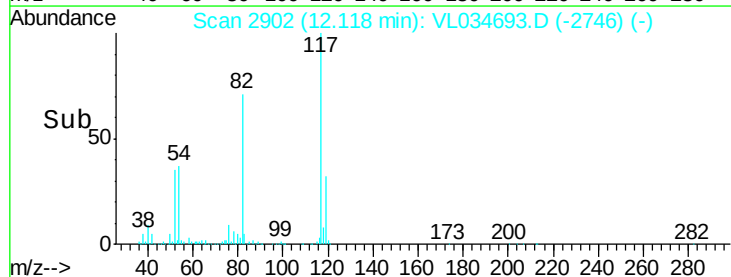
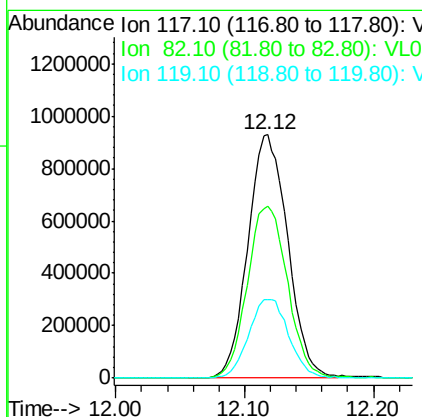
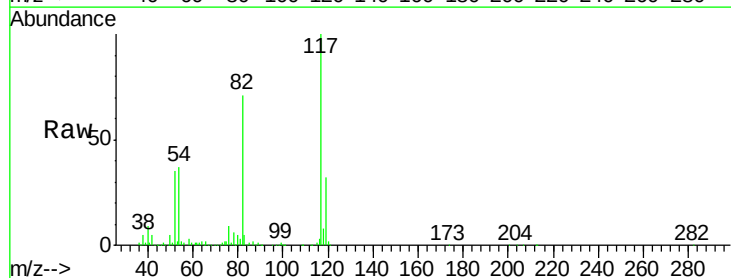


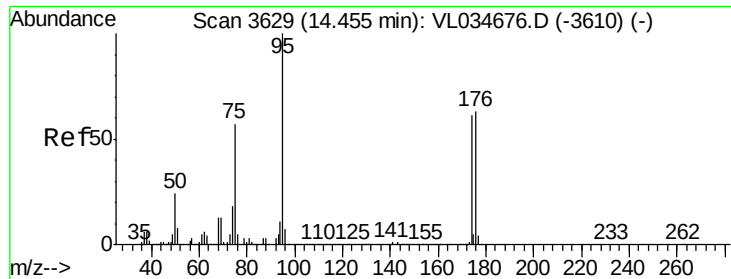
#55

Chlorobenzene-d5

Concen: 10.000 ppbv
 RT: 12.12 min Scan# 2902
 Delta R.T. 0.00 min
 Lab File: VL034693.D
 Acq: 26 Feb 2020 18:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		1997574		
82	71.9		54.1		81.1
119	32.9		27.6		41.4





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.397 ppbv
 RT: 14.46 min Scan# 3629
 Delta R.T. 0.00 min
 Lab File: VL034693.D
 Acq: 26 Feb 2020 18:31

Instrument :
 MSVOA_L
 ClientSampleId :
 CR-104-BRWDL

Tot Ion: 95 Resp: 1702949
 Ion Ratio Lower Upper
 95 100
 174 63.0 50.7 76.1
 175 4.7 3.9 5.9

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