

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL101818\
 Data File : VL032682.D
 Acq On : 19 Oct 2018 13:36
 Operator : SY/AP
 Sample : J5581-07DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 D-2DL

Manual Integrations
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Quant Time: Oct 19 23:53:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL101818AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Oct 19 2018
 QLast Update : Fri Oct 19 01:25:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.78	49	1591429	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.31	114	3689482	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	3567319	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.59	95	2676866	10.08	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.66	45	673135	45.983	ppbv	97
15) Acetone	3.92	43	184822	1.258	ppbv	97
19) Isopropyl Alcohol	4.04	45	282504	2.699	ppbv	99
20) Methylene Chloride	4.42	84	36592	0.491	ppbv #	89
26) Hexane	5.80	57	46648	0.291	ppbv #	49
53) Toluene	9.97	91	133141m	0.388	ppbv	

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

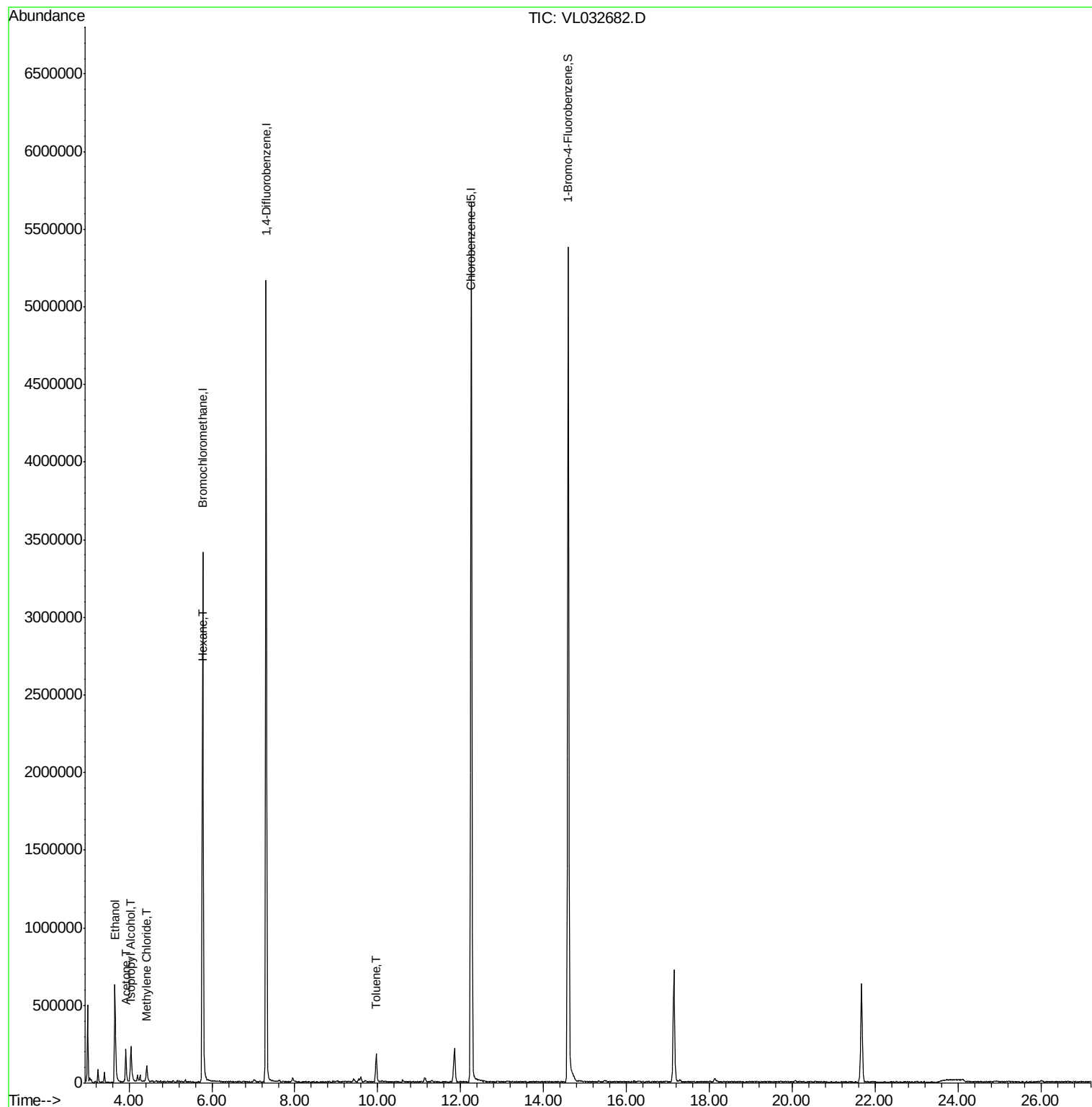
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL101818\
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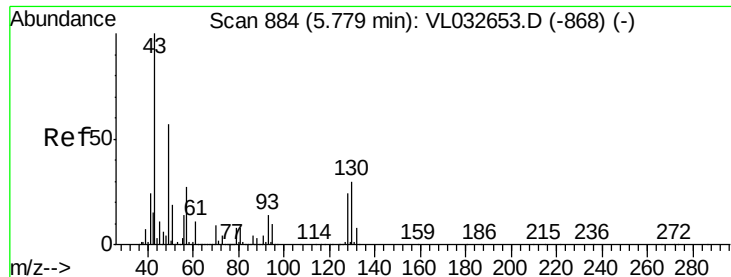
Instrument :
MSVOA_L
ClientSampleId :
D-2DL

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL101818AIR.M
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QLast Update : Fri Oct 19 01:25:37 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.78 min Scan# 883

Delta R.T. -0.00 min

Lab File: VL032682.D

Acq: 19 Oct 2018 13:36

Instrument :

MSVOA_L

ClientSampled :

D-2DL

Tot Ion: 49 Resp: 1591429

Ion Ratio Lower Upper

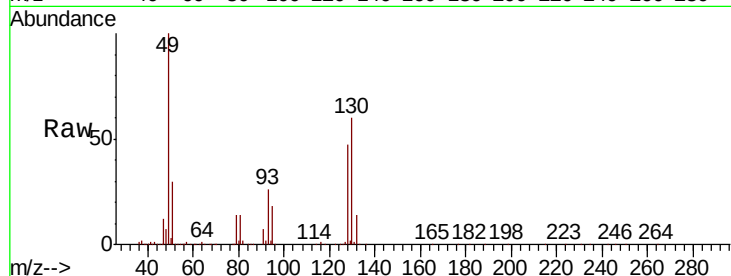
49 100

128 48.1 22.3 66.8

130 62.5 28.4 85.3

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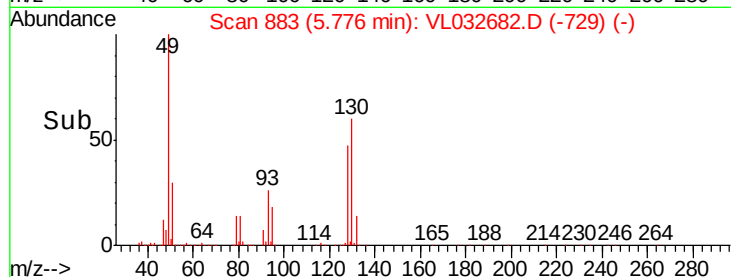


Abundance Ion 49.10 (48.80 to 49.80): VL0

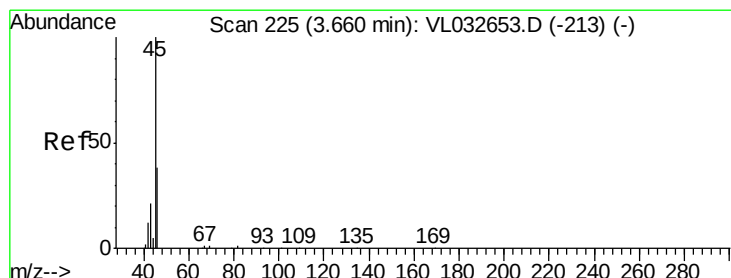
Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V

Time-->



Time-->



#13

Ethanol

Concen: 45.983 ppbv

RT: 3.66 min Scan# 225

Delta R.T. -0.00 min

Lab File: VL032682.D

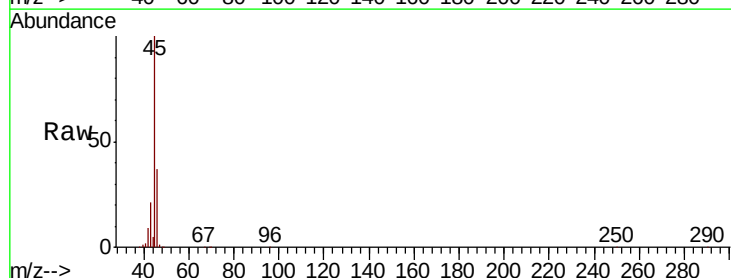
Acq: 19 Oct 2018 13:36

Tgt Ion: 45 Resp: 673135

Ion Ratio Lower Upper

45 100

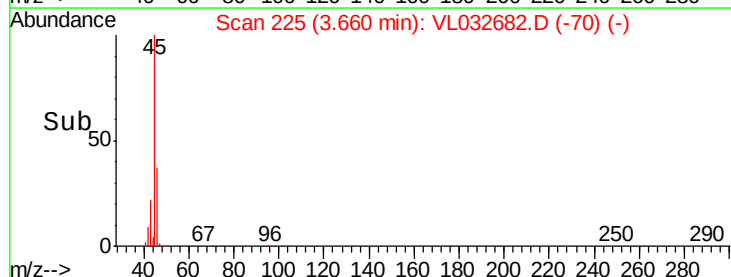
46 36.5 15.4 61.8



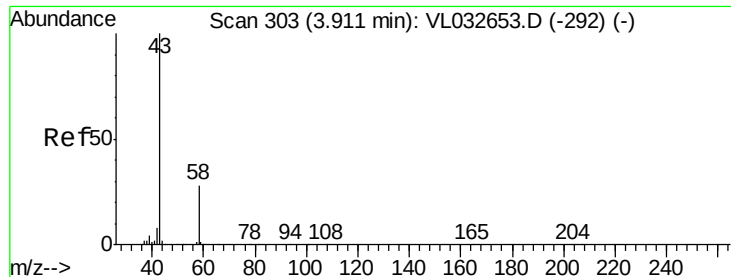
Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0

Time-->



Time-->



#15

Acetone

Concen: 1.258 ppbv

RT: 3.92 min Scan# 306

Delta R.T. 0.01 min

Lab File: VL032682.D

Acq: 19 Oct 2018 13:36

Instrument :

MSVOA_L

ClientSampleId :

D-2DL

Tot Ion: 43 Resp: 184822

Ion Ratio Lower Upper

43 100

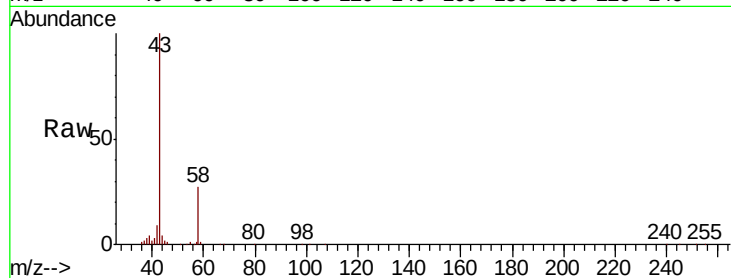
58 28.9 22.1 33.1

Manual Integrations

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Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

150000

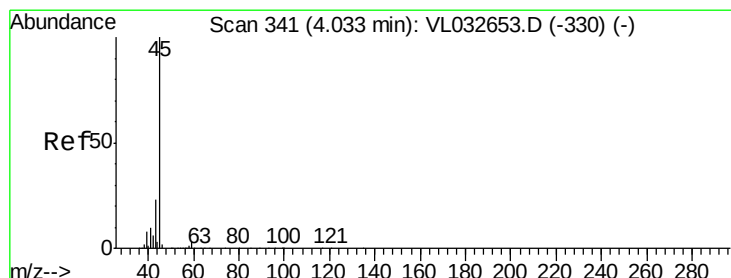
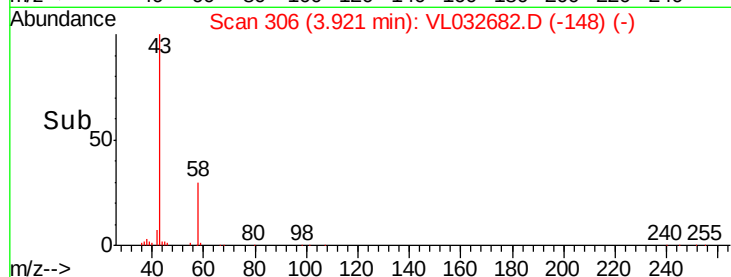
100000

50000

0

3.90 3.95

Time-->



#19

Isopropyl Alcohol

Concen: 2.699 ppbv

RT: 4.04 min Scan# 344

Delta R.T. 0.01 min

Lab File: VL032682.D

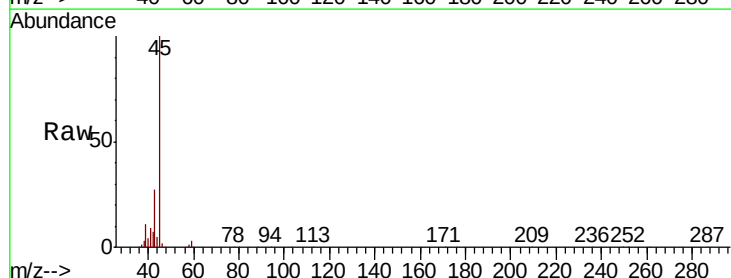
Acq: 19 Oct 2018 13:36

Tgt Ion: 45 Resp: 282504

Ion Ratio Lower Upper

45 100

58 3.0 2.0 3.0



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

150000

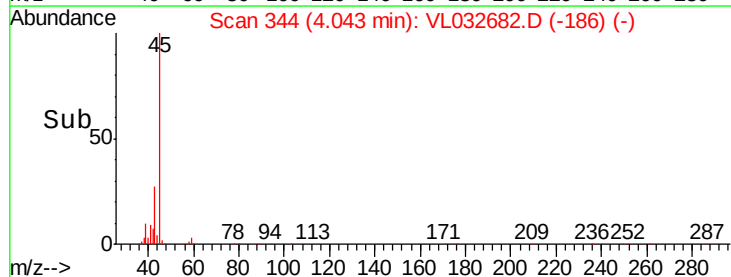
100000

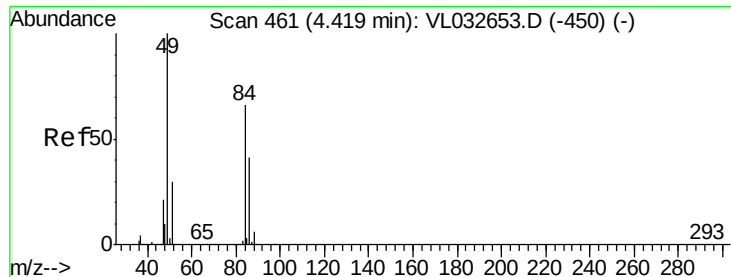
50000

0

4.00 4.05 4.10

Time-->





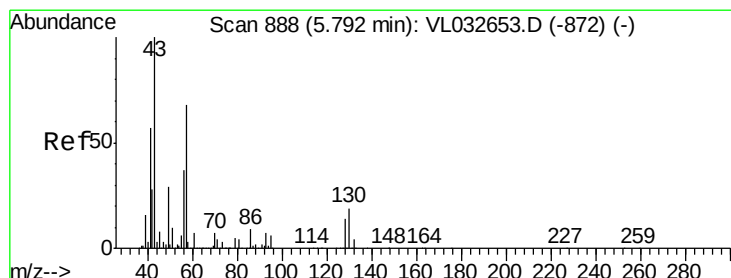
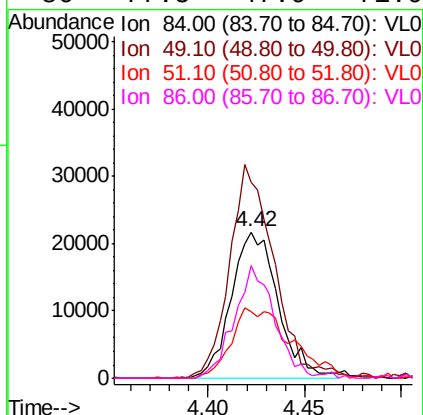
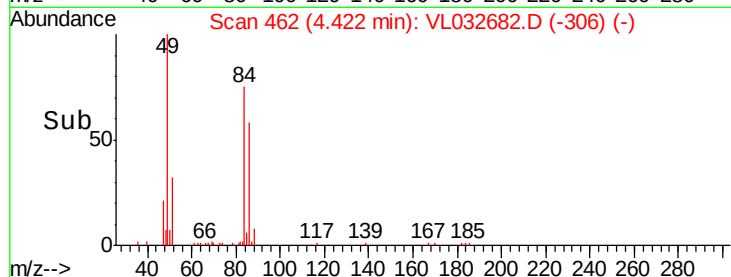
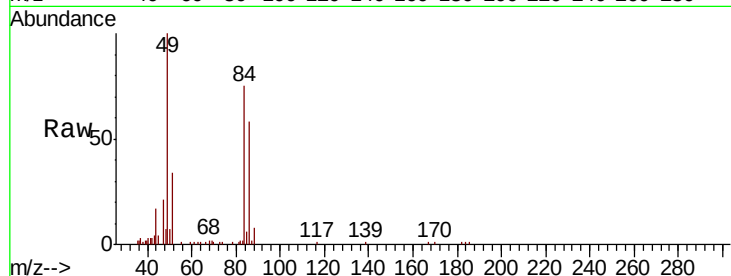
#20
Methvlene Chloride
Concen: 0.491 ppbv
RT: 4.42 min Scan# 462
Delta R.T. 0.00 min
Lab File: VL032682.D
Acq: 19 Oct 2018 13:36

Instrument :
MSVOA_L
ClientSampled :
D-2DL

Tot Ion	Ratio	Lower	Upper
84	100		
49	132.6	113.5	170.3
51	45.8	34.8	52.2
86	77.5	47.9	71.9#

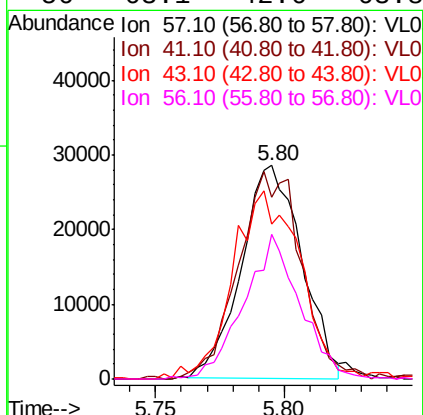
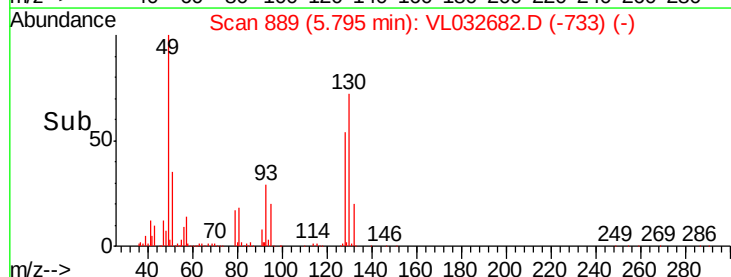
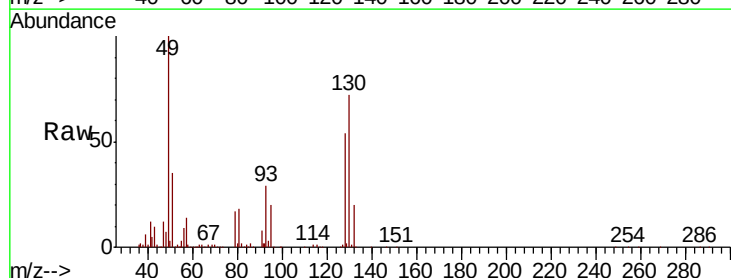
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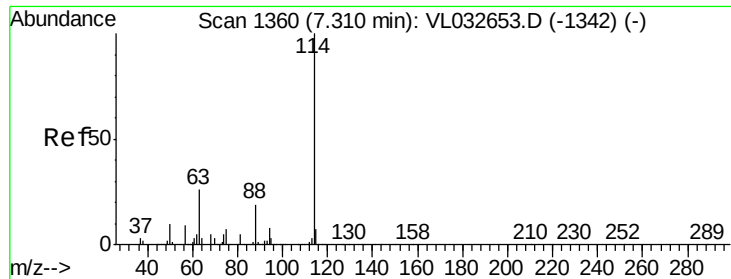
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#26
Hexane
Concen: 0.291 ppbv
RT: 5.80 min Scan# 889
Delta R.T. 0.00 min
Lab File: VL032682.D
Acq: 19 Oct 2018 13:36

Tgt Ion	Ratio	Lower	Upper
57	100		
41	103.0	67.4	101.0#
43	99.7	171.9	257.9#
56	63.1	42.6	63.8





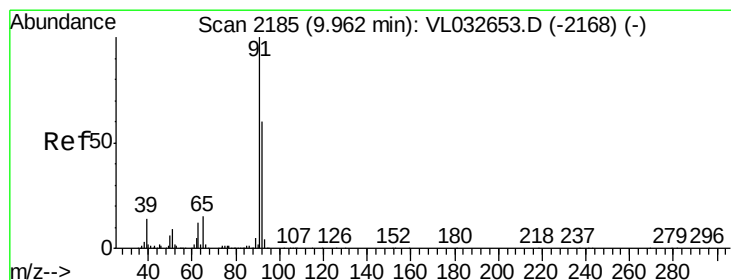
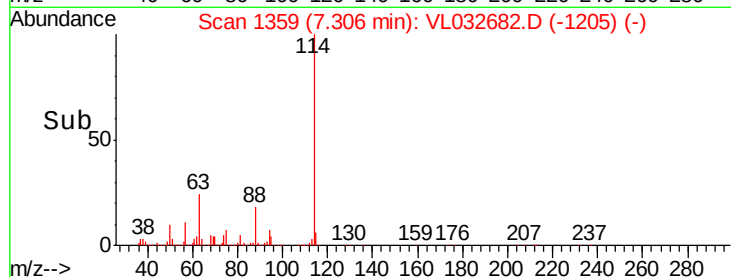
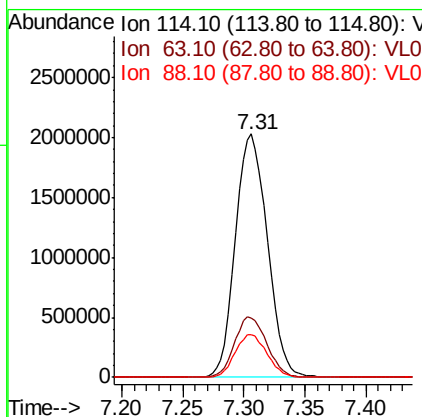
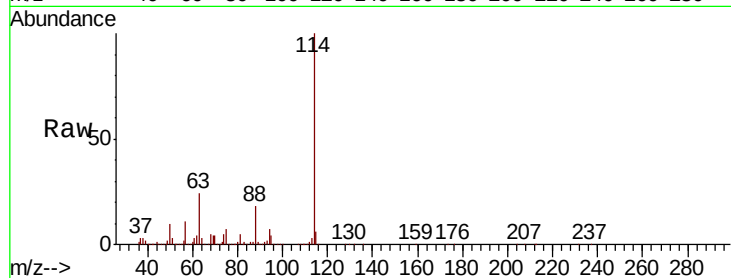
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.31 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VL032682.D
 Acq: 19 Oct 2018 13:36

Instrument :
 MSVOA_L
 ClientSampleId :
 D-2DL

Tot Ion:114 Resp: 3689482
 Ion Ratio Lower Upper
 114 100
 63 25.1 21.7 32.5
 88 17.6 14.9 22.3

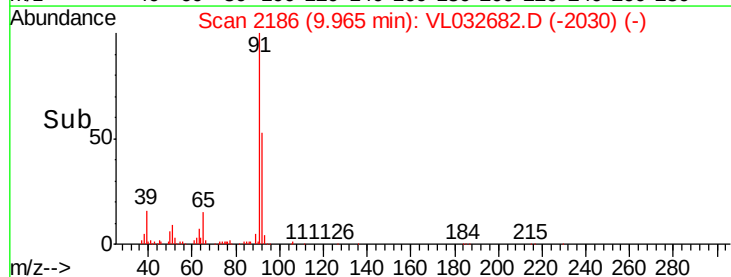
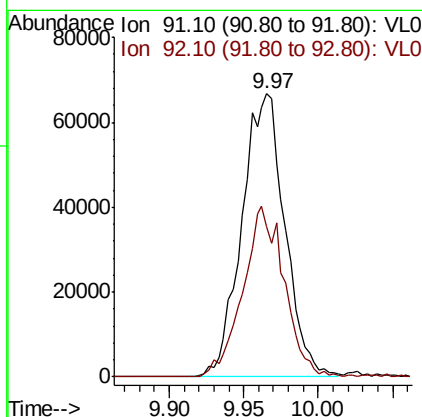
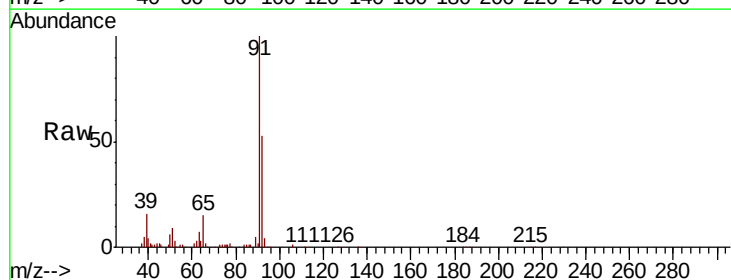
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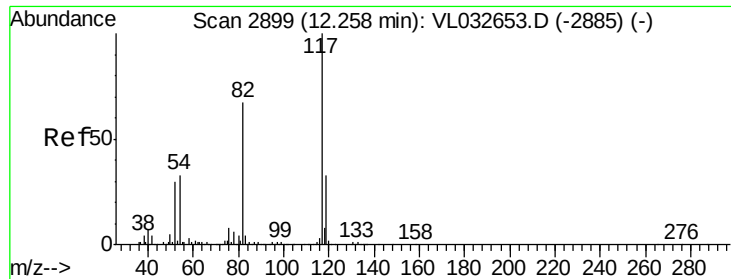
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#53
 Toluene
 Concen: 0.388 ppbv m
 RT: 9.97 min Scan# 2186
 Delta R.T. 0.00 min
 Lab File: VL032682.D
 Acq: 19 Oct 2018 13:36

Tgt Ion: 91 Resp: 133141
 Ion Ratio Lower Upper
 91 100
 92 0.0 48.4 72.6#





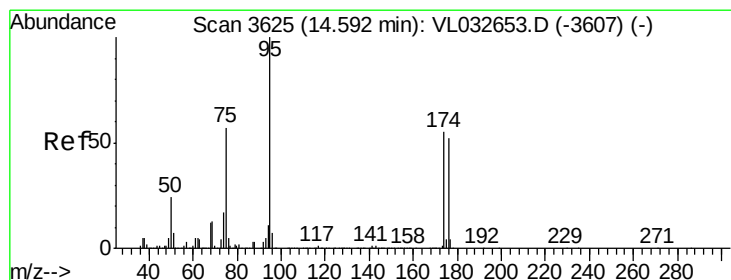
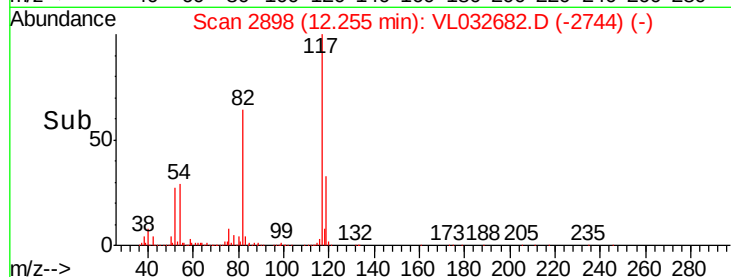
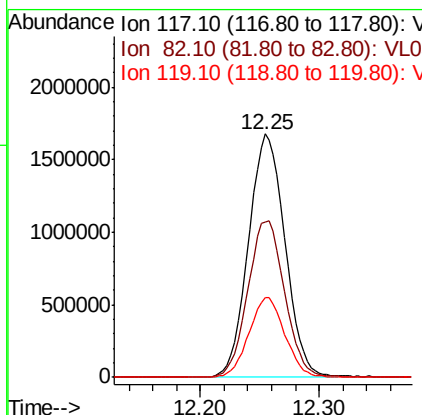
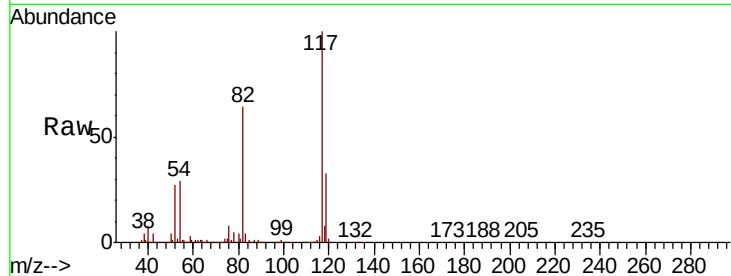
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.25 min Scan# 2898
Delta R.T. -0.00 min
Lab File: VL032682.D
Acq: 19 Oct 2018 13:36

Instrument :
MSVOA_L
ClientSampled :
D-2DL

Tot Ion: 117 Resp: 3567319
Ion Ratio Lower Upper
117 100
82 65.3 52.7 79.1
119 32.6 26.7 40.1

Manual Integrations
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#68
1-Bromo-4-Fluorobenzene
Concen: 10.078 ppbv
RT: 14.59 min Scan# 3625
Delta R.T. -0.00 min
Lab File: VL032682.D
Acq: 19 Oct 2018 13:36

Tgt Ion: 95 Resp: 2676866
Ion Ratio Lower Upper
95 100
174 63.4 46.0 69.0
175 4.5 3.4 5.0

