

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL101818\
 Data File : VL032670.D
 Acq On : 19 Oct 2018 5:42
 Operator : SY/AP
 Sample : J5581-01DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 A-1DL

Manual Integrations
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Quant Time: Oct 19 08:09:27 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	1533311	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	3785157	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	3709626	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.59	95	2752061	9.96	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chlorodifluoromethane	3.02	51	25982	0.217	ppbv	98
13) Ethanol	3.67	45	107678	7.634	ppbv	94
15) Acetone	3.92	43	168588	1.191	ppbv	98
19) Isopropyl Alcohol	4.06	45	66334	0.658	ppbv #	92
20) Methylene Chloride	4.42	84	15818	0.220	ppbv #	91
26) Hexane	5.79	57	15583	0.101	ppbv #	64
53) Toluene	9.97	91	29326m	0.083	ppbv	

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

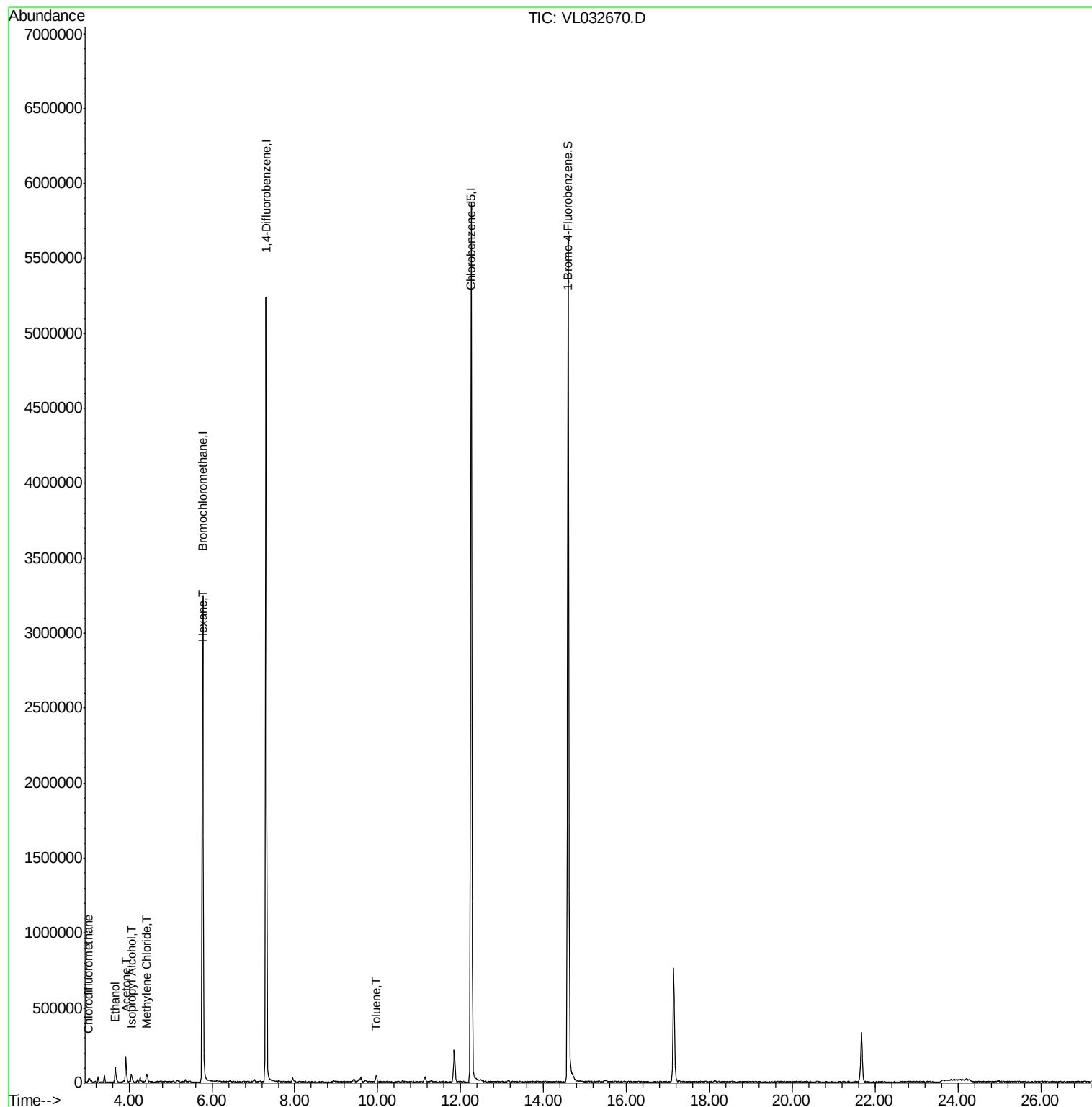
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL101818\
Data File : VL032670.D
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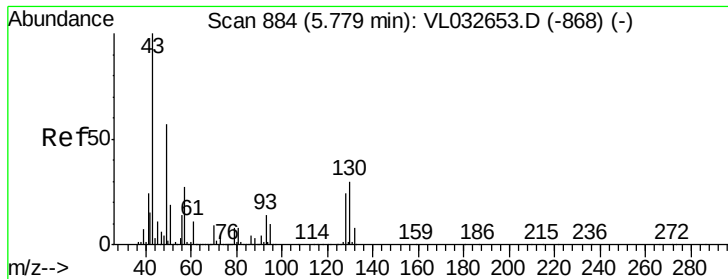
Instrument :
MSVOA_L
ClientSampleId :
A-1DL

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Quant Time: Oct 19 08:09:27 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL101818AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Oct
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: VL032670.D

Acq: 19 Oct 2018 5:42

Instrument :

MSVOA_L

ClientSampled :

A-1DL

Tot Ion: 49 Resp: 1533311

Ion Ratio Lower Upper

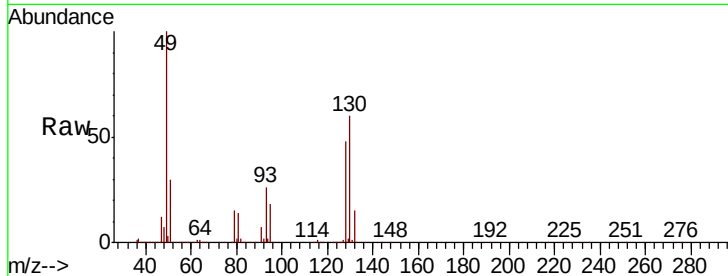
49 100

128 48.7 22.3 66.8

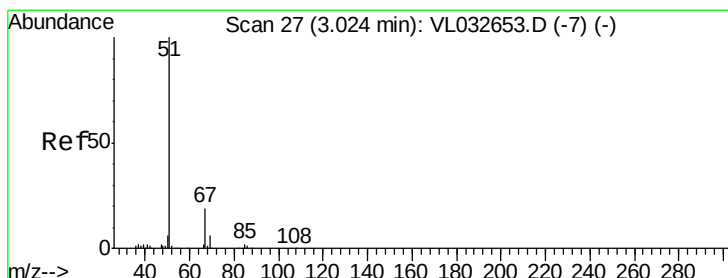
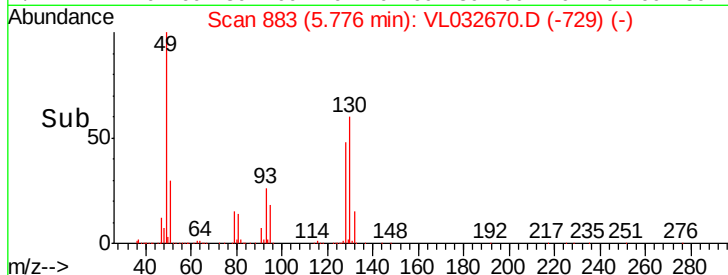
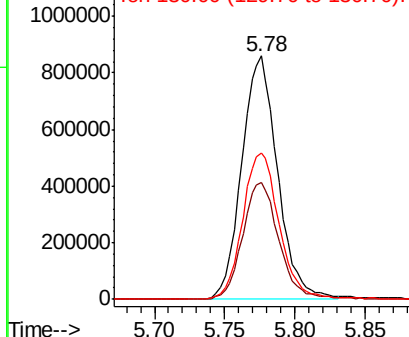
130 61.9 28.4 85.3

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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



#3

Chlorodifluoromethane

Concen: 0.217 ppbv

RT: 3.02 min Scan# 27

Delta R.T. -0.00 min

Lab File: VL032670.D

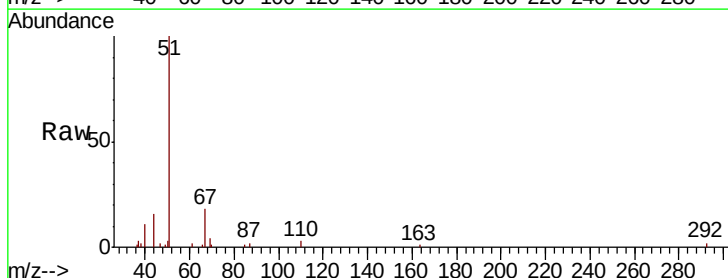
Acq: 19 Oct 2018 5:42

Tgt Ion: 51 Resp: 25982

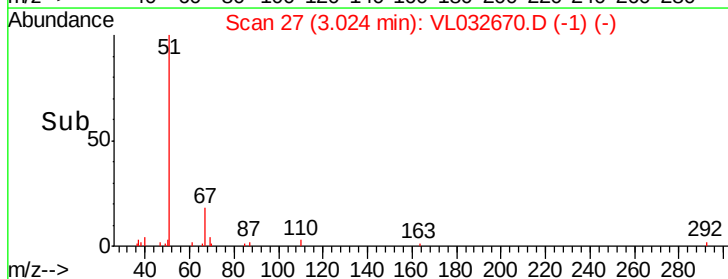
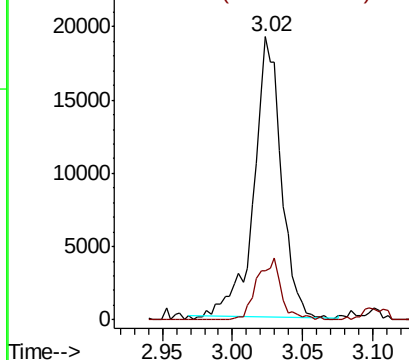
Ion Ratio Lower Upper

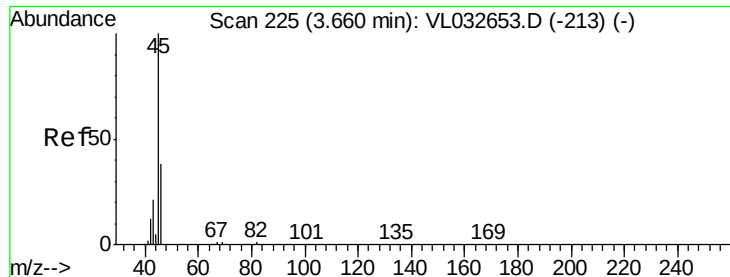
51 100

67 19.9 15.2 22.8



Abundance Ion 51.00 (50.70 to 51.70): VL0
Ion 67.00 (66.70 to 67.70): VL0





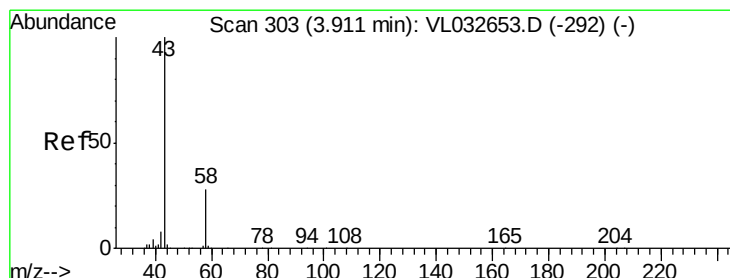
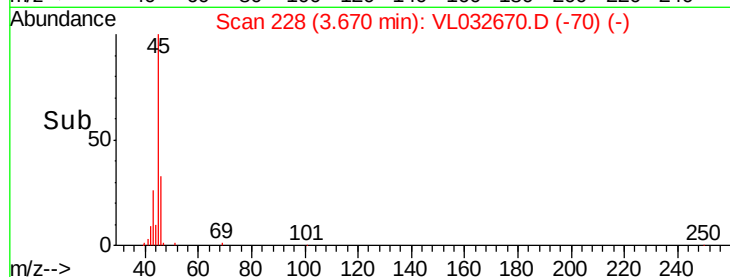
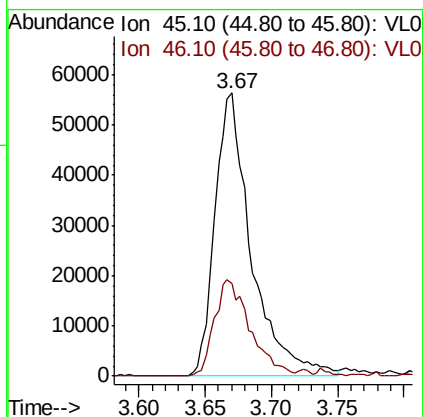
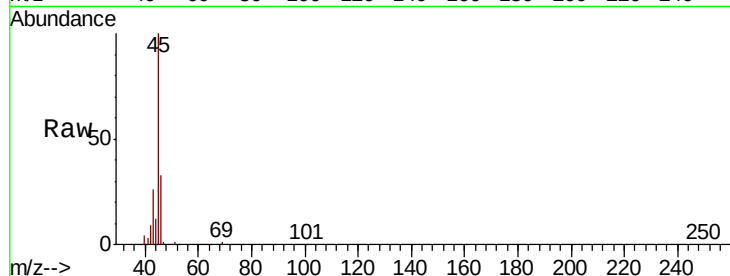
#13
Ethanol
Concen: 7.634 ppbv
RT: 3.67 min Scan# 228
Delta R.T. 0.01 min
Lab File: VL032670.D
Acq: 19 Oct 2018 5:42

Instrument :
MSVOA_L
ClientSampled :
A-1DL

Tot Ion: 45 Resp: 107678
Ion Ratio Lower Upper
45 100
46 35.0 15.4 61.8

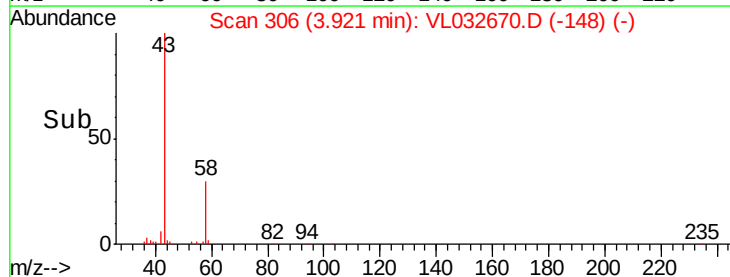
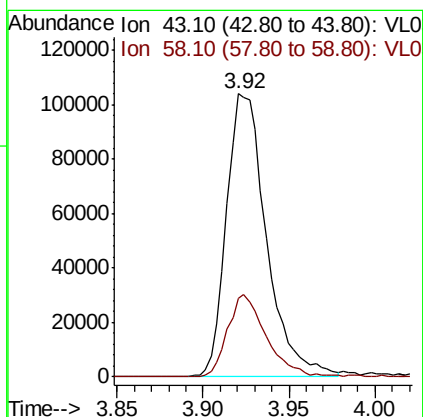
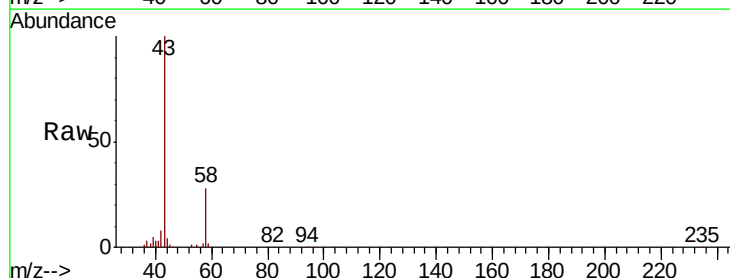
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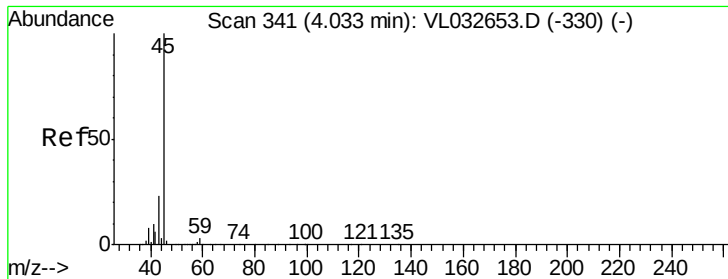
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#15
Acetone
Concen: 1.191 ppbv
RT: 3.92 min Scan# 306
Delta R.T. 0.01 min
Lab File: VL032670.D
Acq: 19 Oct 2018 5:42

Tgt Ion: 43 Resp: 168588
Ion Ratio Lower Upper
43 100
58 28.5 22.1 33.1





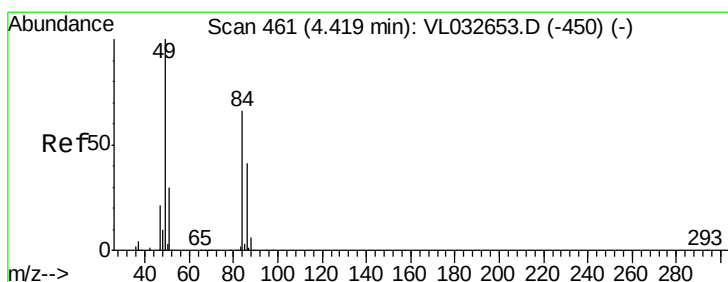
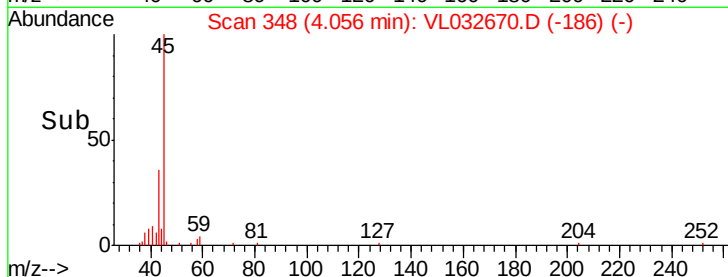
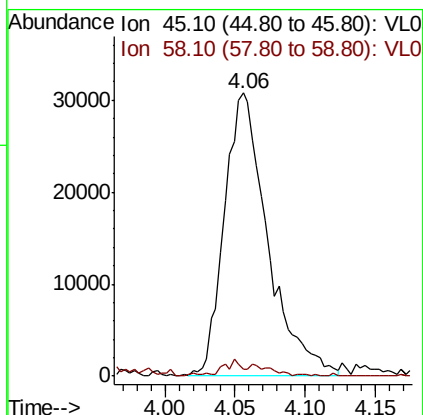
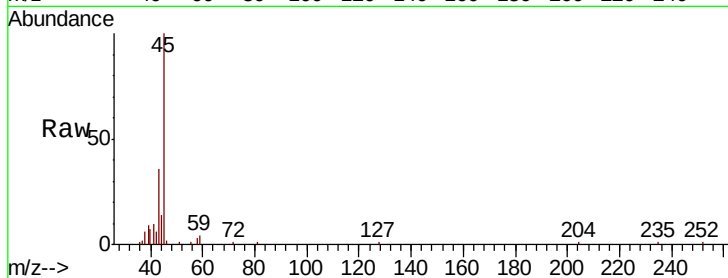
#19
Isopropyl Alcohol
Concen: 0.658 ppbv
RT: 4.06 min Scan# 348
Delta R.T. 0.02 min
Lab File: VL032670.D
Acq: 19 Oct 2018 5:42

Instrument :
MSVOA_L
ClientSampleId :
A-1DL

Tot Ion: 45 Resp: 66334
Ion Ratio Lower Upper
45 100
58 5.1 2.0 3.0#

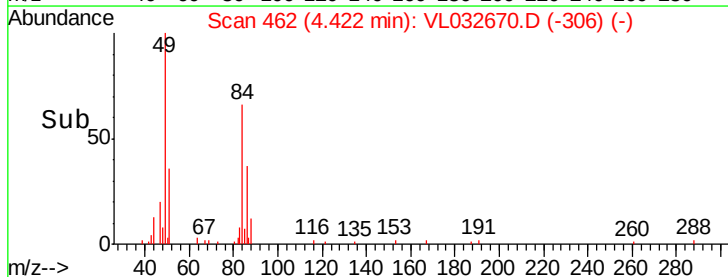
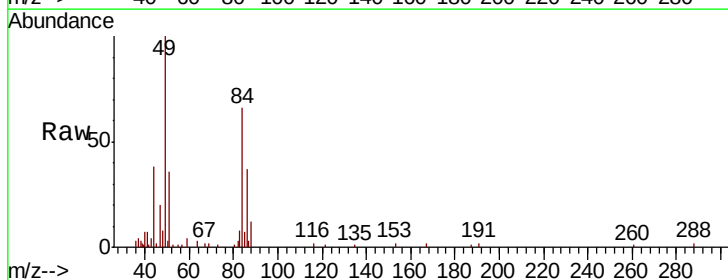
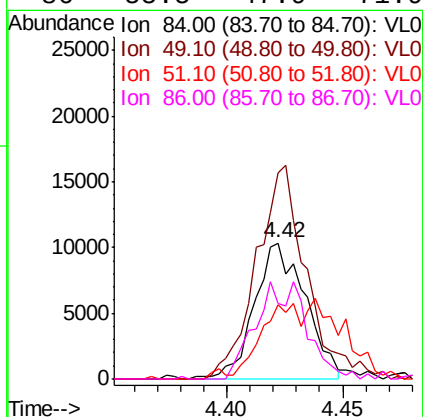
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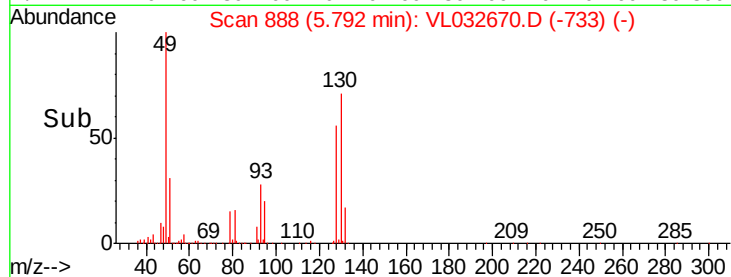
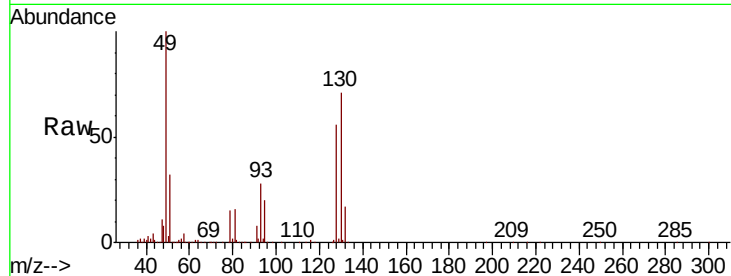
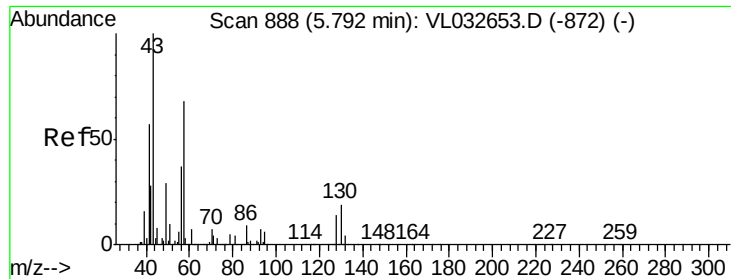
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#20
Methylene Chloride
Concen: 0.220 ppbv
RT: 4.42 min Scan# 462
Delta R.T. 0.00 min
Lab File: VL032670.D
Acq: 19 Oct 2018 5:42

Tgt Ion: 84 Resp: 15818
Ion Ratio Lower Upper
84 100
49 151.0 113.5 170.3
51 54.9 34.8 52.2#
86 55.5 47.9 71.9





#26

Hexane

Concen: 0.101 ppbv

RT: 5.79 min Scan# 888

Delta R.T. -0.00 min

Lab File: VL032670.D

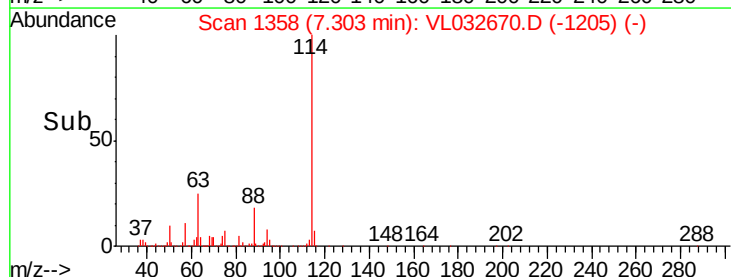
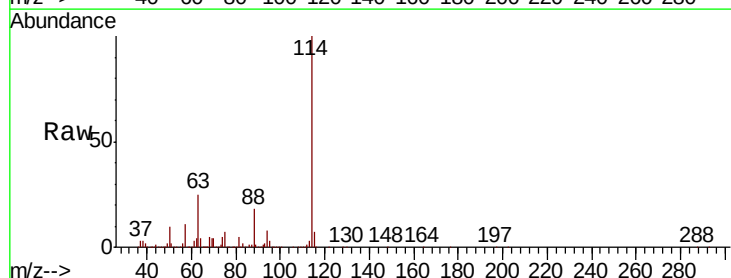
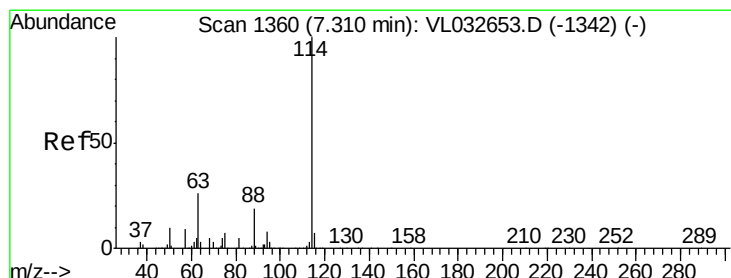
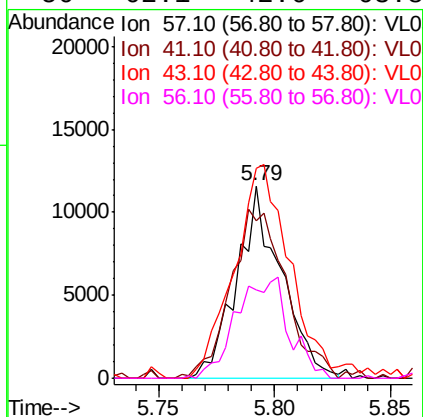
Acq: 19 Oct 2018 5:42

Tot Ion	57	Resp	15583
Ion Ratio	Lower	Upper	
57	100		
41	109.2	67.4	101.0#
43	142.8	171.9	257.9#
56	62.1	42.6	63.8

Instrument :
MSVOA_L
ClientSampleId :
A-1DL

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#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

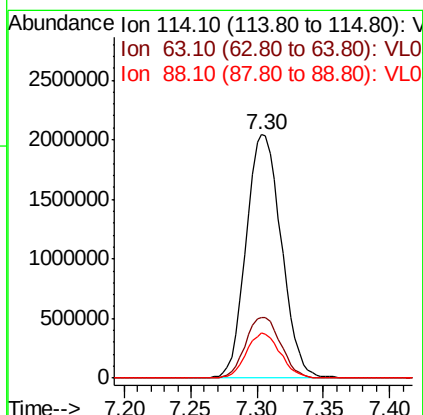
RT: 7.30 min Scan# 1358

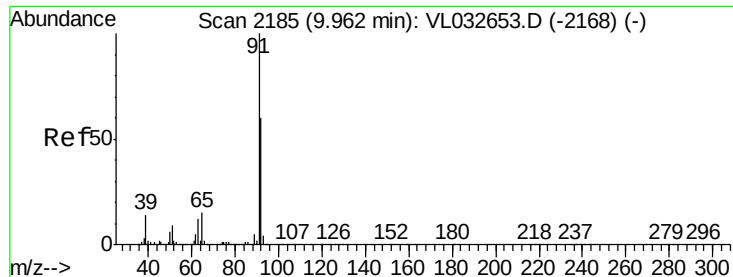
Delta R.T. -0.01 min

Lab File: VL032670.D

Acq: 19 Oct 2018 5:42

Tgt Ion	114	Resp	3785157
Ion Ratio	Lower	Upper	
114	100		
63	25.1	21.7	32.5
88	17.9	14.9	22.3





#53

Toluene

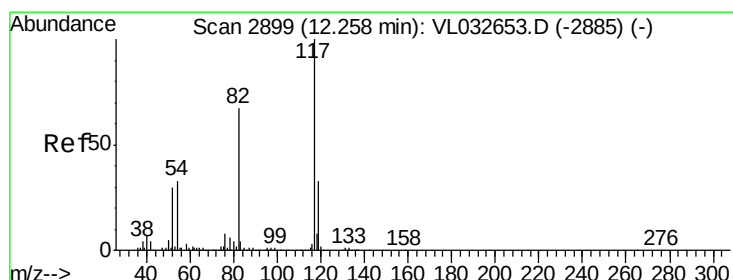
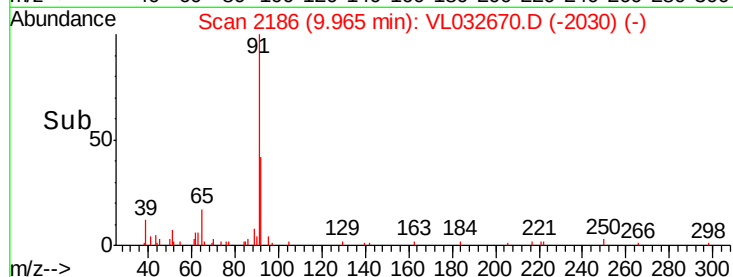
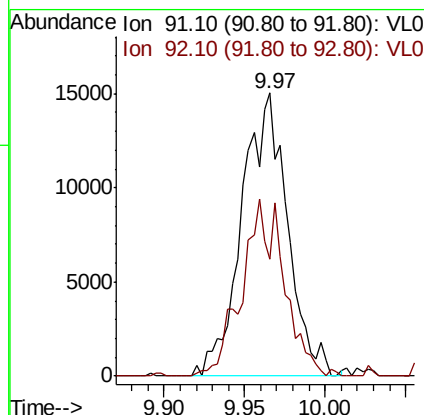
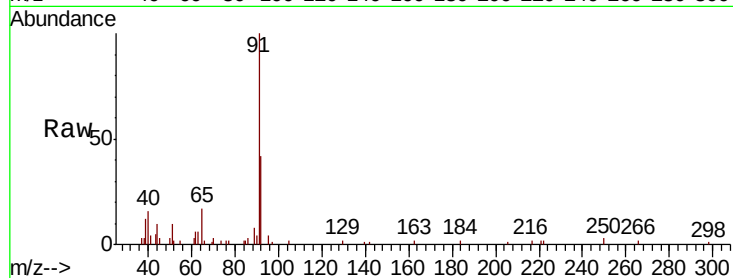
Concen: 0.083 ppbv m
RT: 9.97 min Scan# 2186
Delta R.T. 0.00 min
Lab File: VL032670.D
Acq: 19 Oct 2018 5:42

Instrument :
MSVOA_L
ClientSampleId :
A-1DL

Tot Ion: 91 Resp: 29326
Ion Ratio Lower Upper
91 100
92 57.7 48.4 72.6

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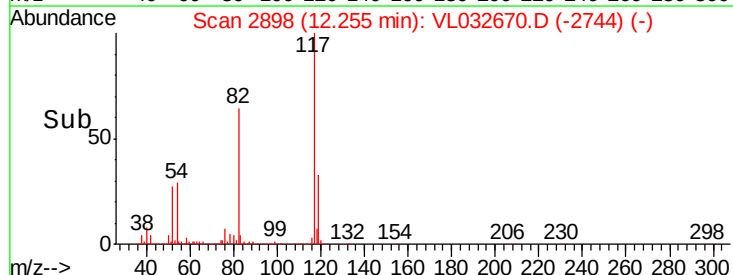
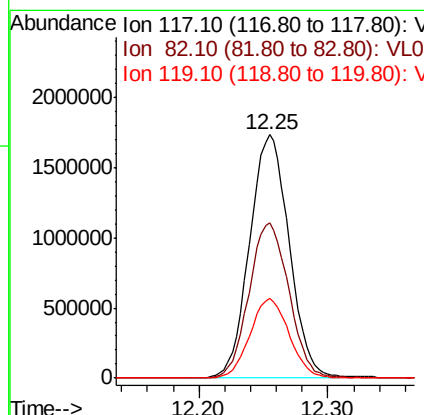
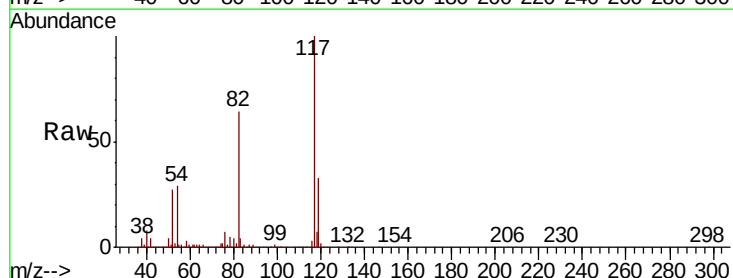


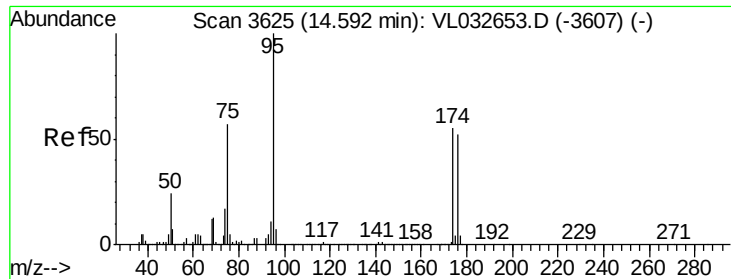
#55

Chlorobenzene-d5

Concen: 10.000 ppbv
RT: 12.25 min Scan# 2898
Delta R.T. -0.00 min
Lab File: VL032670.D
Acq: 19 Oct 2018 5:42

Tgt Ion: 117 Resp: 3709626
Ion Ratio Lower Upper
117 100
82 64.8 52.7 79.1
119 32.8 26.7 40.1





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.964 ppbv
 RT: 14.59 min Scan# 3625
 Delta R.T. -0.00 min
 Lab File: VL032670.D
 Acq: 19 Oct 2018 5:42

Instrument :
 MSVOA_L
 ClientSampleId :
 A-1DL

Tot Ion	Ratio	Lower	Upper
95	100		
174	64.3	46.0	69.0
175	4.7	3.4	5.0

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