

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL113018\
 Data File : VL032865.D
 Acq On : 1 Dec 2018 1:31
 Operator : SY/AP
 Sample : J6132-06DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 DSV-05DL

Manual Integrations
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Quant Time: Dec 03 16:34:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111418AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Nov 14 07:00:23 2018
 QLast Update : Wed Nov 14 07:00:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.77	49	1362993	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	3422943	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	3273487	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.59	95	2545085	10.39	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.04	41	877088	20.283	ppbv	94
13) Ethanol	3.67	45	36899	2.605	ppbv	93
15) Acetone	3.91	43	209623m	1.684	ppbv	
27) Carbon Disulfide	4.63	76	297347	1.816	ppbv #	94
34) 2-Butanone	5.34	43	428223	2.412	ppbv	99
36) Benzene	7.01	78	87019	0.319	ppbv	97
53) Toluene	9.96	91	54359	0.191	ppbv	100

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

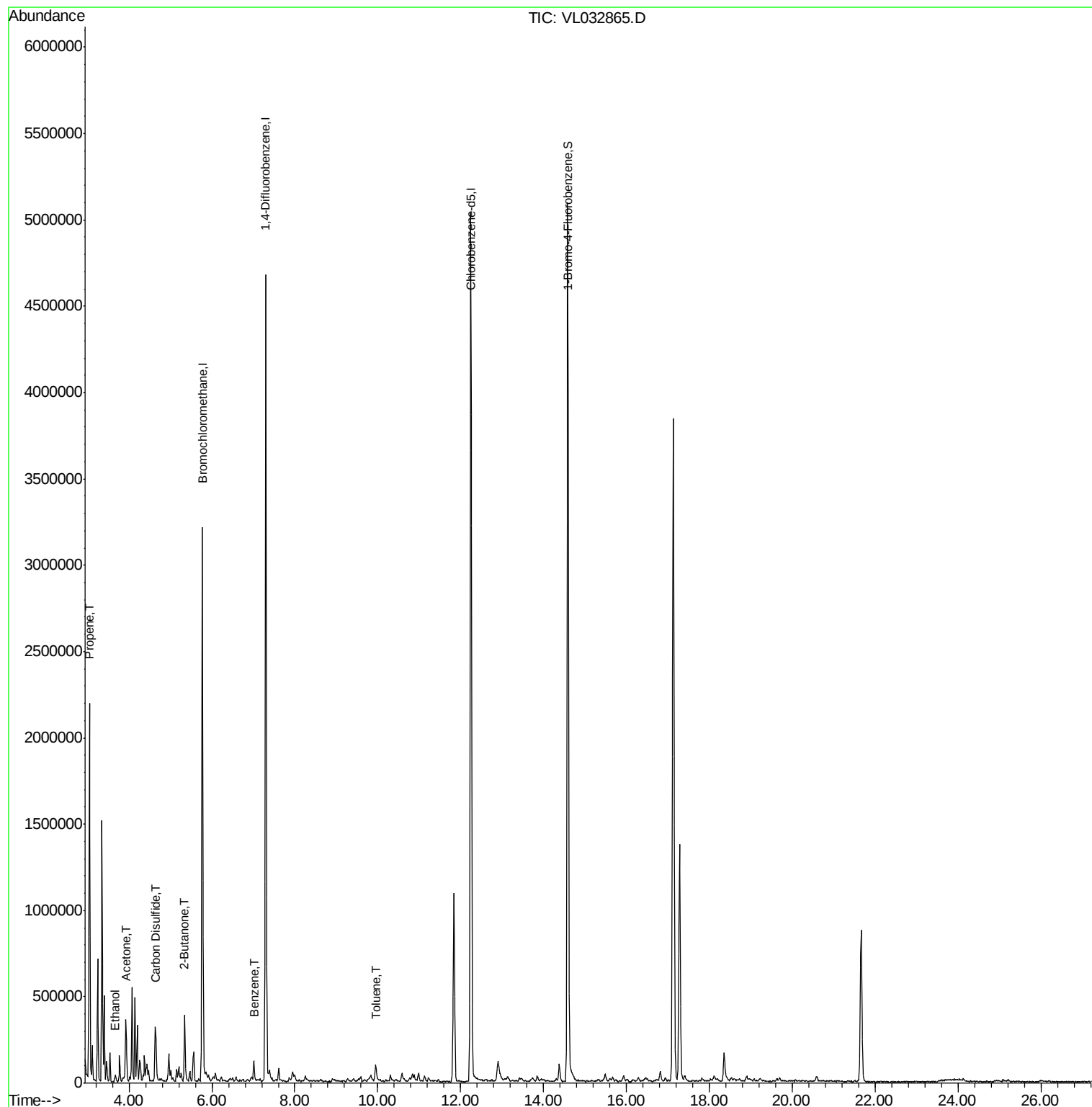
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL113018\
Data File : VL032865.D
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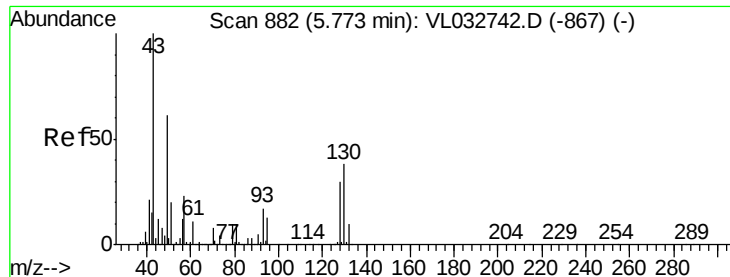
Instrument :
MSVOA_L
ClientSampleId :
DSV-05DL

Manual Integrations
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Quant Time: Dec 03 16:34:05 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL111418AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Nov
QLast Update : Wed Nov 14 07:00:23 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.77 min Scan# 881

Delta R.T. -0.00 min

Lab File: VL032865.D

Acq: 1 Dec 2018 1:31

Instrument :

MSVOA_L

ClientSampleID :

DSV-05DL

Tot Ion: 49 Resp: 1362993

Ion Ratio Lower Upper

49 100

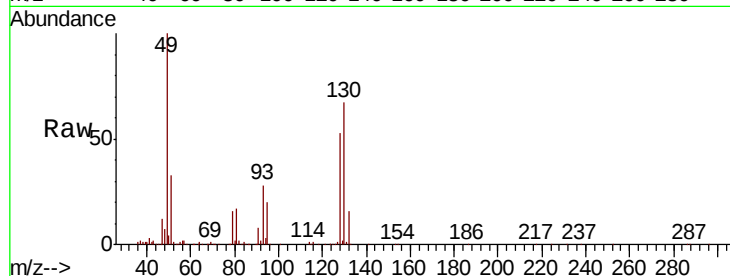
128 53.6 24.9 74.6

130 68.7 31.4 94.2

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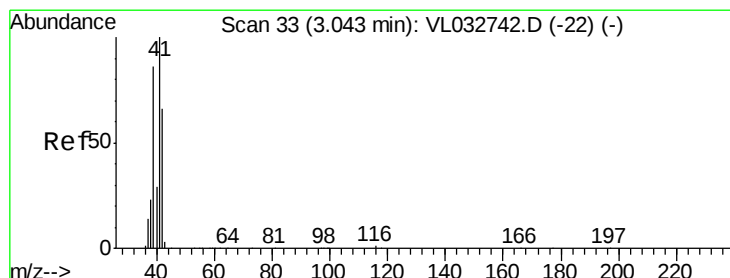
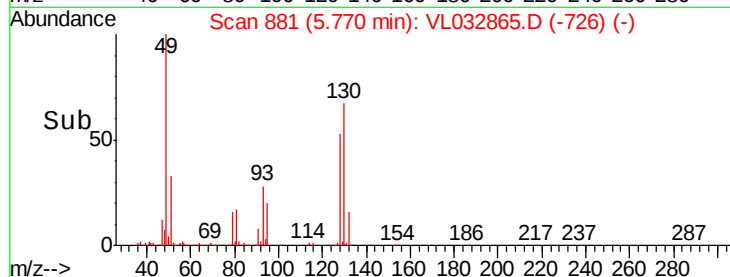
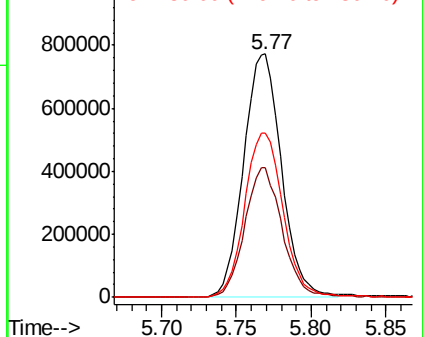
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#9

Propene

Concen: 20.283 ppbv

RT: 3.04 min Scan# 32

Delta R.T. -0.00 min

Lab File: VL032865.D

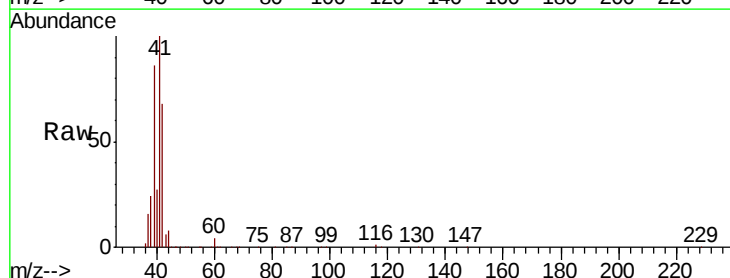
Acq: 1 Dec 2018 1:31

Tgt Ion: 41 Resp: 877088

Ion Ratio Lower Upper

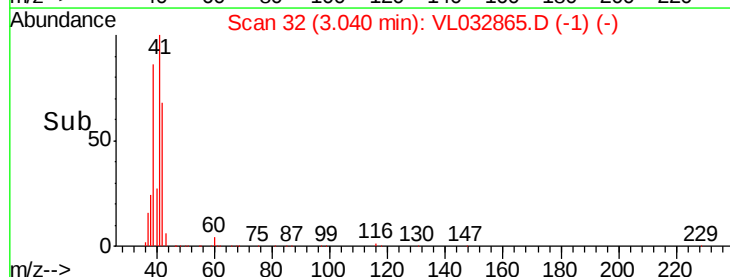
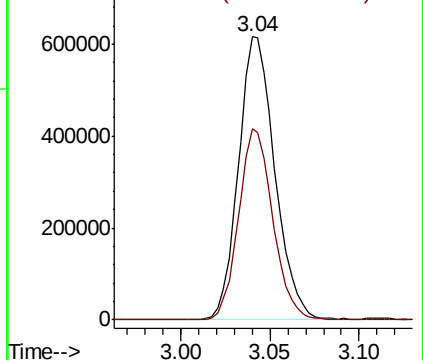
41 100

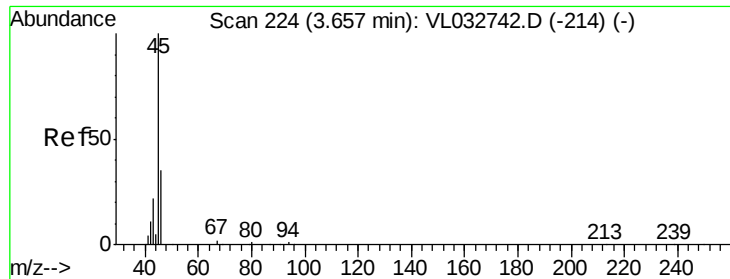
42 63.7 55.0 82.6



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





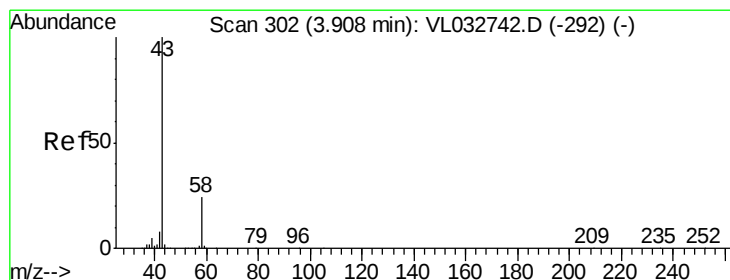
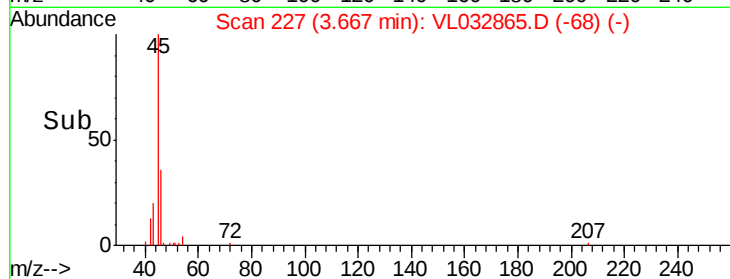
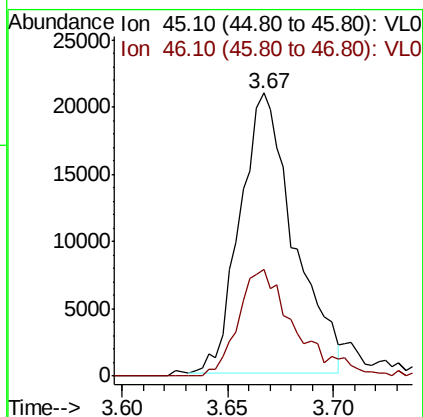
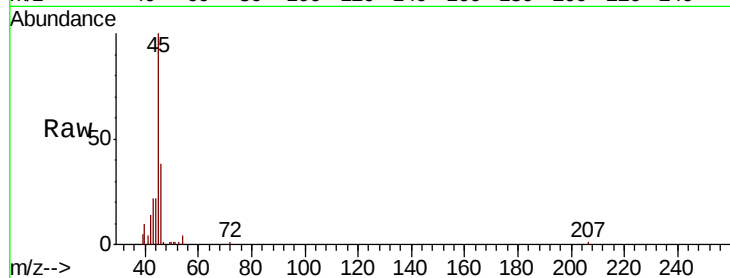
#13
Ethanol
Concen: 2.605 ppbv
RT: 3.67 min Scan# 227
Delta R.T. 0.01 min
Lab File: VL032865.D
Acq: 1 Dec 2018 1:31

Instrument :
MSVOA_L
ClientSampleId :
DSV-05DL

Tot Ion	45	Resp	36899
Ion Ratio	100	Lower	Upper
46	40.4	14.5	57.9

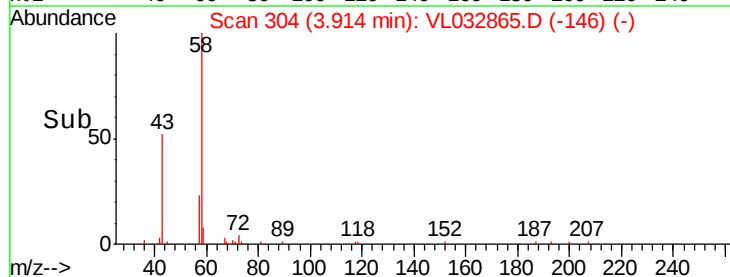
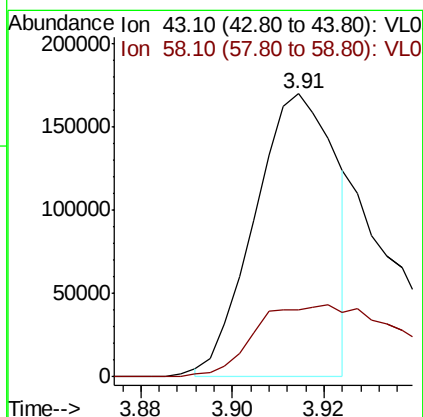
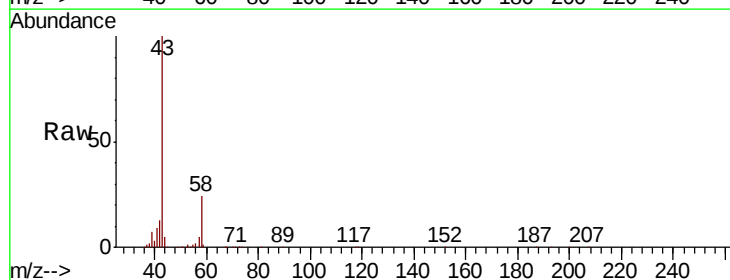
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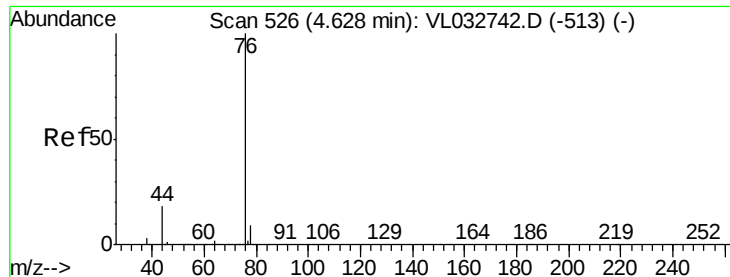
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#15
Acetone
Concen: 1.684 ppbv m
RT: 3.91 min Scan# 304
Delta R.T. 0.01 min
Lab File: VL032865.D
Acq: 1 Dec 2018 1:31

Tgt Ion	43	Resp	209623
Ion Ratio	100	Lower	Upper
58	46.0	21.1	31.7#





#27

Carbon Disulfide

Concen: 1.816 ppbv

RT: 4.63 min Scan# 526

Delta R.T. 0.00 min

Lab File: VL032865.D

Acq: 1 Dec 2018 1:31

Instrument :

MSVOA_L

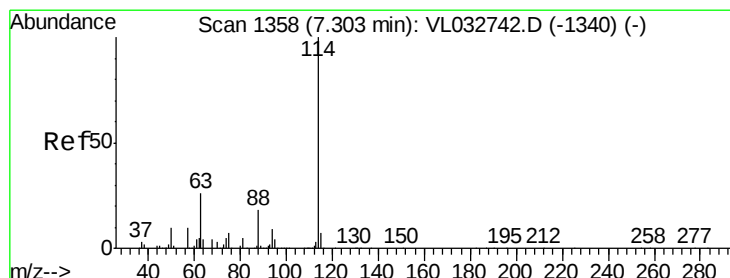
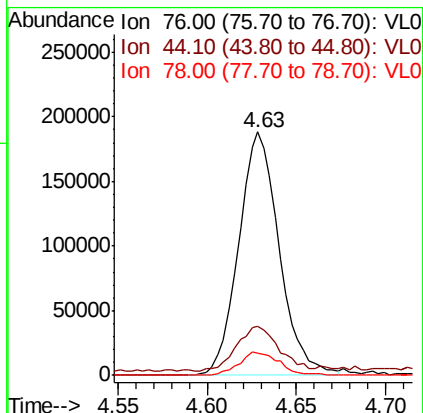
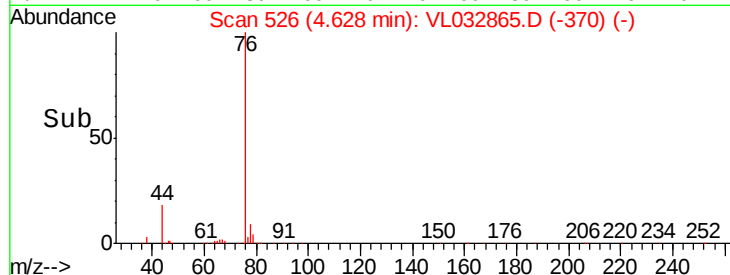
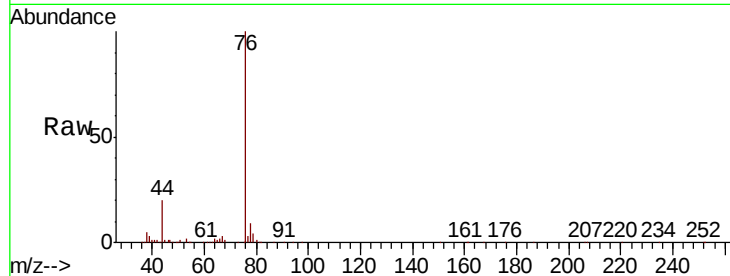
ClientSampleID :

DSV-05DL

Tot Ion:	76	Resp:	297347
Ion Ratio	Lower	Upper	
76	100		
44	21.9	14.4	21.6#
78	9.7	7.7	11.5

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#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

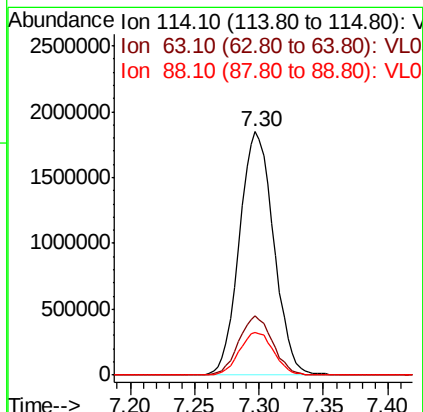
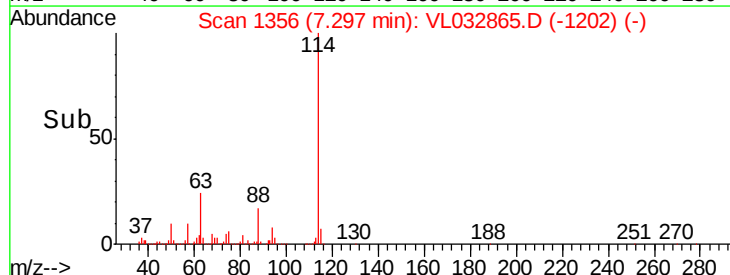
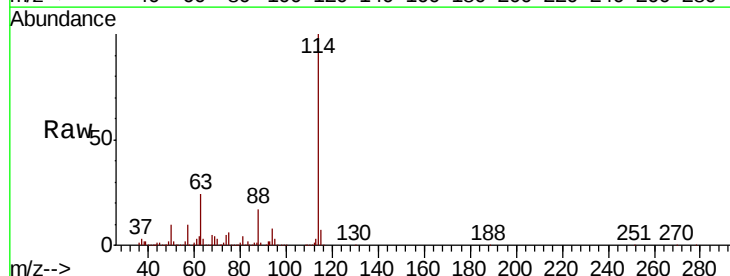
RT: 7.30 min Scan# 1356

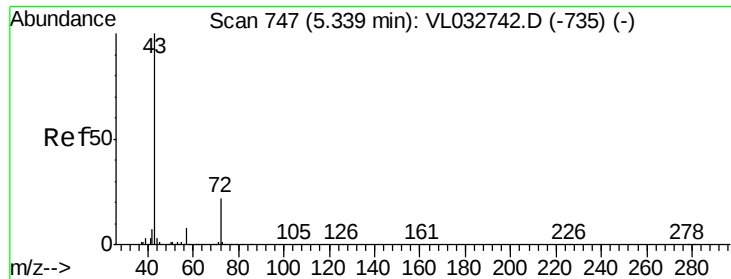
Delta R.T. -0.01 min

Lab File: VL032865.D

Acq: 1 Dec 2018 1:31

Tgt Ion:	114	Resp:	3422943
Ion Ratio	Lower	Upper	
114	100		
63	24.0	20.9	31.3
88	17.6	14.4	21.6





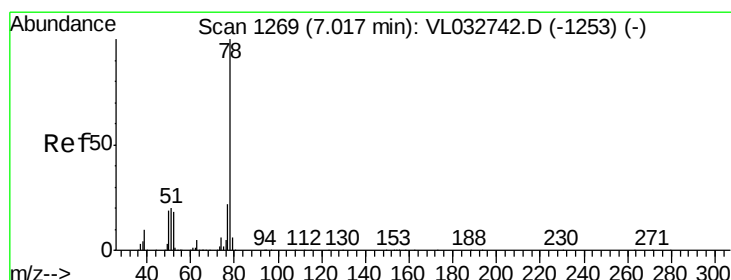
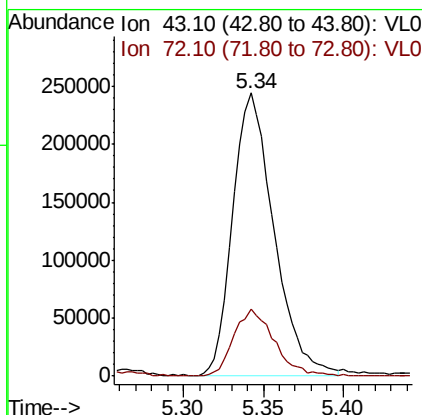
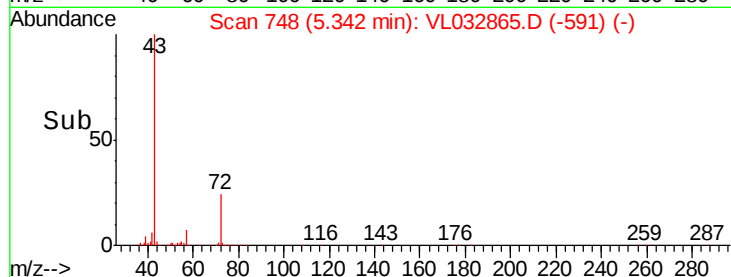
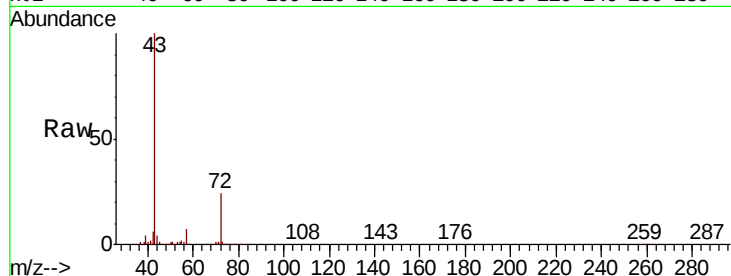
#34
2-Butanone
Concen: 2.412 ppbv
RT: 5.34 min Scan# 748
Delta R.T. 0.00 min
Lab File: VL032865.D
Acq: 1 Dec 2018 1:31

Instrument :
MSVOA_L
ClientSampled :
DSV-05DL

Tot Ion: 43 Resp: 428223
Ion Ratio Lower Upper
43 100
72 23.6 18.4 27.6

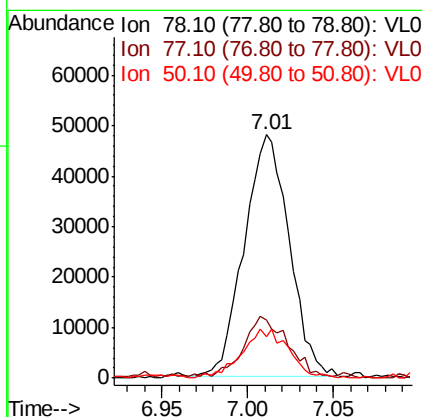
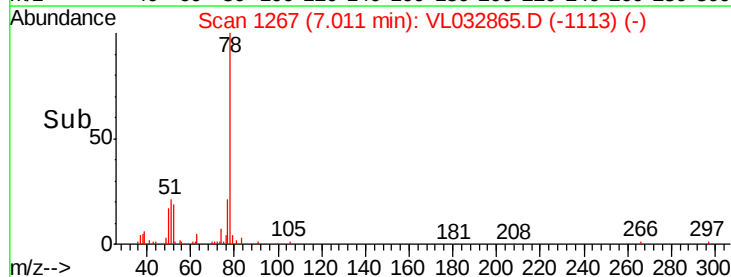
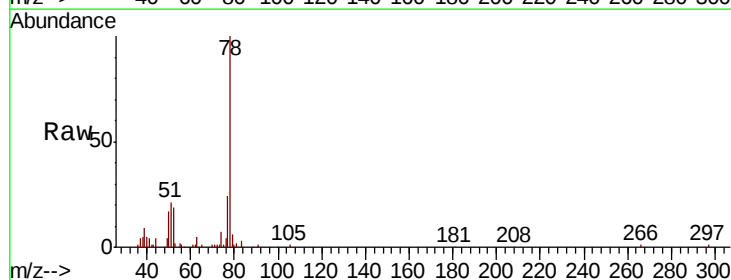
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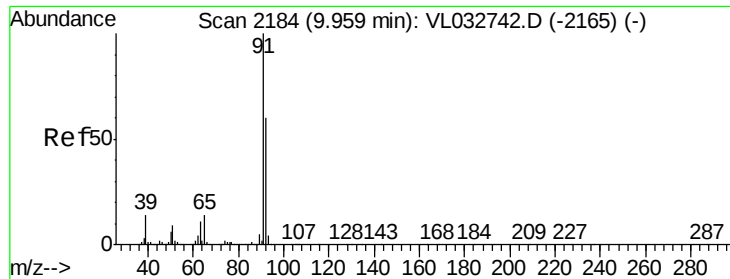
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#36
Benzene
Concen: 0.319 ppbv
RT: 7.01 min Scan# 1267
Delta R.T. -0.01 min
Lab File: VL032865.D
Acq: 1 Dec 2018 1:31

Tgt Ion: 78 Resp: 87019
Ion Ratio Lower Upper
78 100
77 22.9 17.8 26.8
50 17.4 15.4 23.0





#53

Toluene

Concen: 0.191 ppbv

RT: 9.96 min Scan# 2183

Delta R.T. -0.00 min

Lab File: VL032865.D

Acq: 1 Dec 2018 1:31

Instrument :

MSVOA_L

ClientSampleId :

DSV-05DL

Tot Ion: 91 Resp: 54359

Ion Ratio Lower Upper

91 100

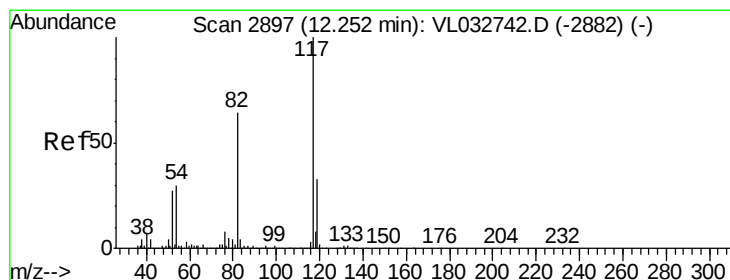
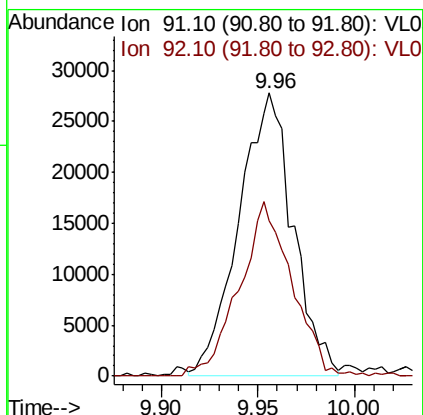
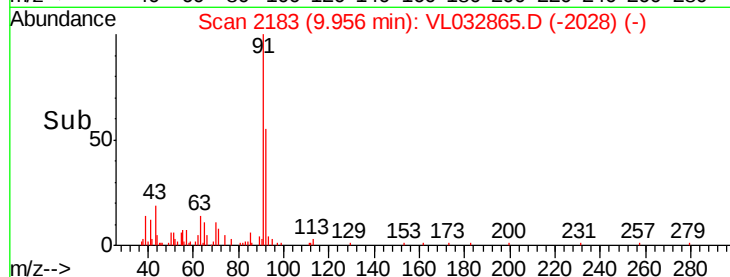
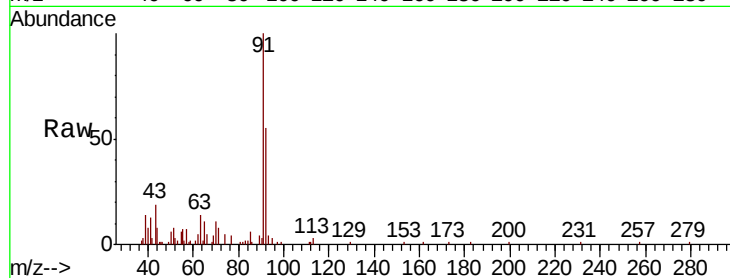
92 60.2 47.9 71.9

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.25 min Scan# 2895

Delta R.T. -0.01 min

Lab File: VL032865.D

Acq: 1 Dec 2018 1:31

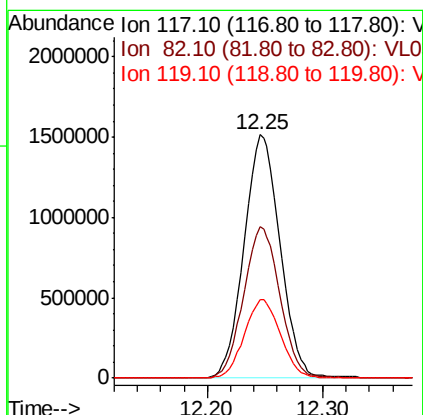
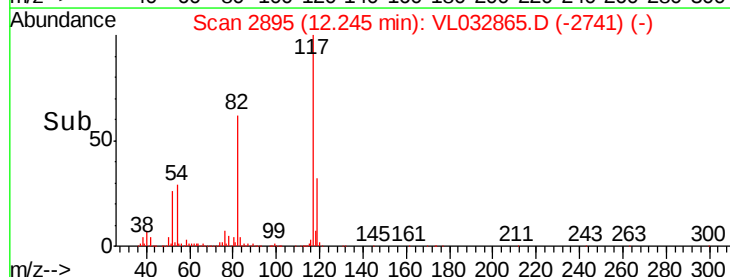
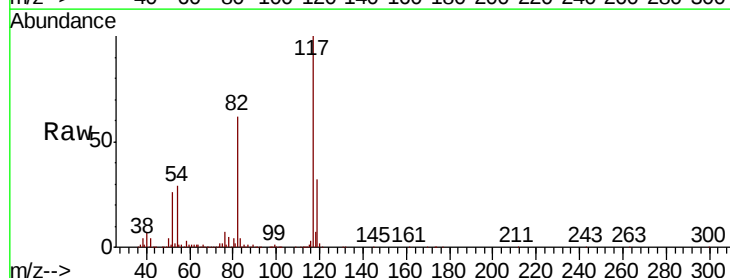
Tgt Ion: 117 Resp: 3273487

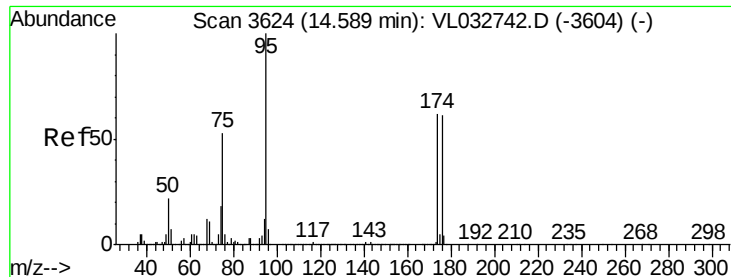
Ion Ratio Lower Upper

117 100

82 63.1 51.0 76.6

119 32.7 28.0 42.0





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.395 ppbv
 RT: 14.59 min Scan# 3623
 Delta R.T. -0.00 min
 Lab File: VL032865.D
 Acq: 1 Dec 2018 1:31

Instrument :
 MSVOA_L
 ClientSampleId :
 DSV-05DL

Tot Ion	Ratio	Lower	Upper
95	100		
174	65.7	50.7	76.1
175	4.7	3.8	5.6

Manual Integrations
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