

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL113018\
 Data File : VL032852.D
 Acq On : 30 Nov 2018 17:05
 Operator : SY/AP
 Sample : J6132-01DL2 40X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SITE-D-DUPDL2

Manual Integrations
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 12/3/2018 4:15:24 PM

Quant Time: Dec 03 14:37:25 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 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	5.76	49	1533383	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	3928150	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	3722831	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	2798598	10.05	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.05	41	778040m	15.993	ppbv	
13) Ethanol	3.67	45	19475m	1.222	ppbv	
26) Hexane	5.79	57	170983	1.177	ppbv #	42
27) Carbon Disulfide	4.62	76	611273	3.318	ppbv	97
30) Cyclohexane	7.25	84	433421	3.411	ppbv	93
36) Benzene	7.01	78	893734	2.857	ppbv	99
53) Toluene	9.95	91	379758	1.164	ppbv	97
59) m/p-Xylene	13.13	91	155559m	0.390	ppbv	
60) o-Xylene	13.86	91	61016m	0.152	ppbv	

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

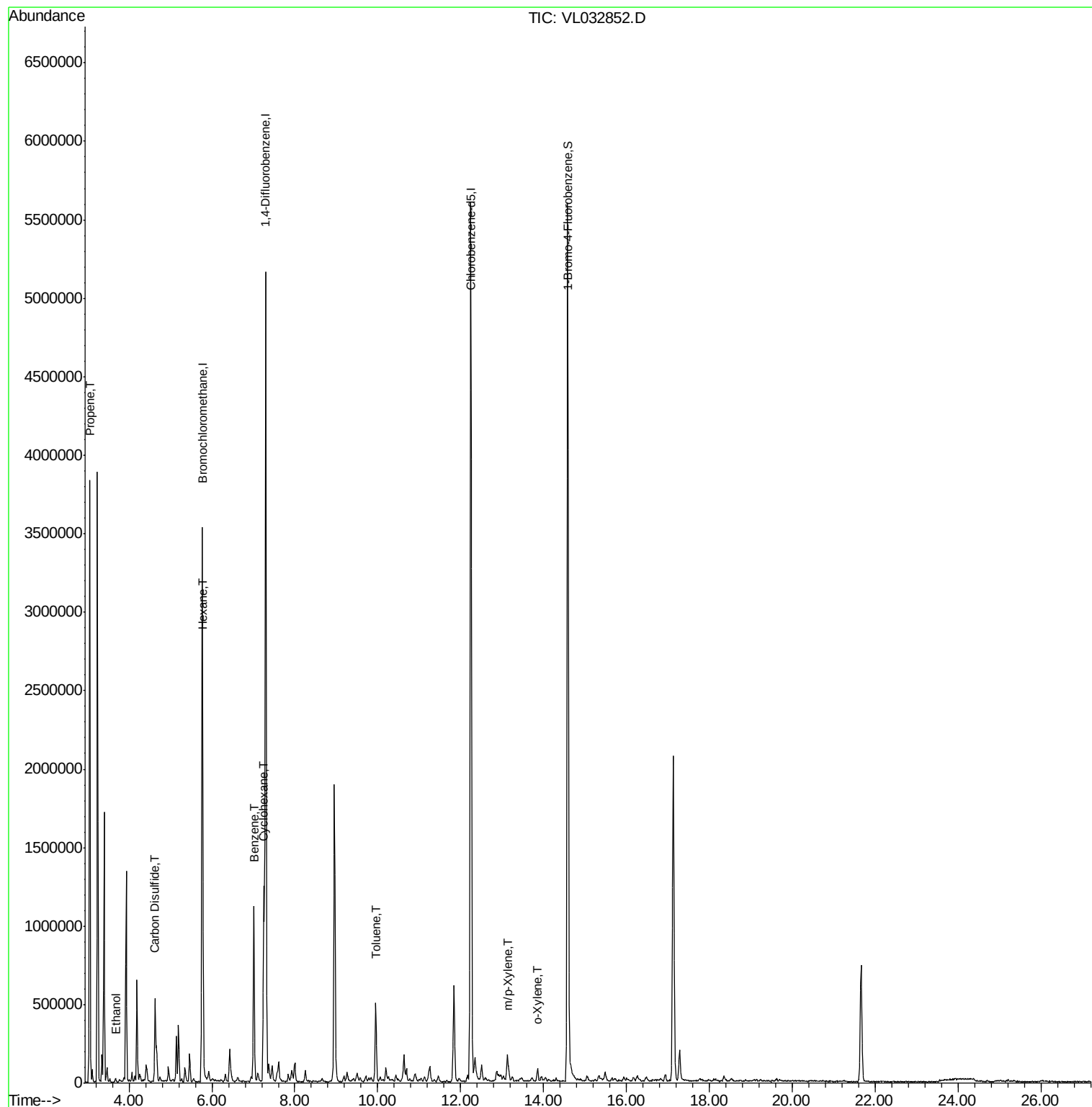
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Data File : VL032852.D
Acq On : 30 Nov 2018 17:05
Operator : SY/AP
Sample : J6132-01DL2 40X
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

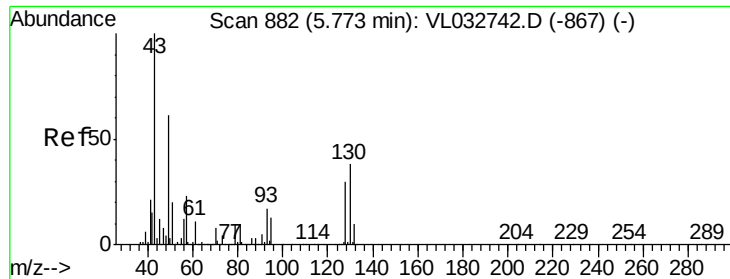
Instrument :
MSVOA_L
ClientSampleId :
SITE-D-DUPDL2

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Quant Time: Dec 03 14:37:25 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





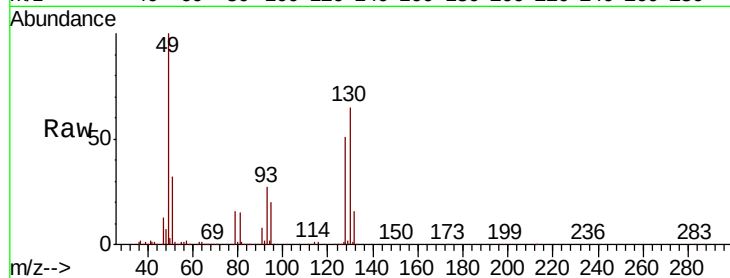
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.76 min Scan# 879
Delta R.T. -0.01 min
Lab File: VL032852.D
Acq: 30 Nov 2018 17:05

Instrument :
MSVOA_L
ClientSampleId :
SITE-D-DUPDL2

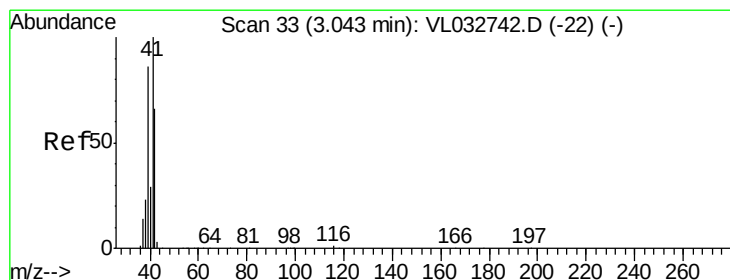
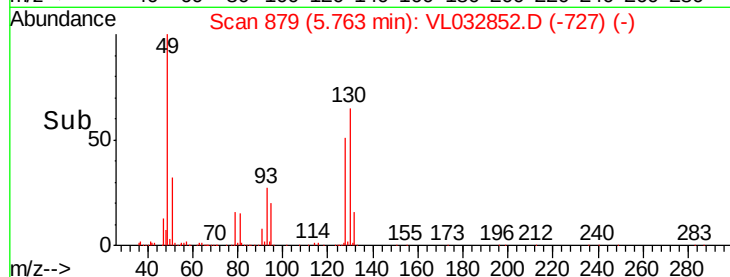
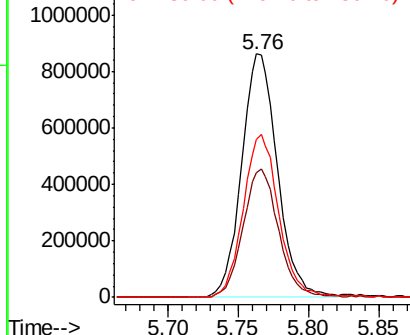
Tot Ion: 49 Resp: 1533383
Ion Ratio Lower Upper
49 100
128 53.2 24.9 74.6
130 67.5 31.4 94.2

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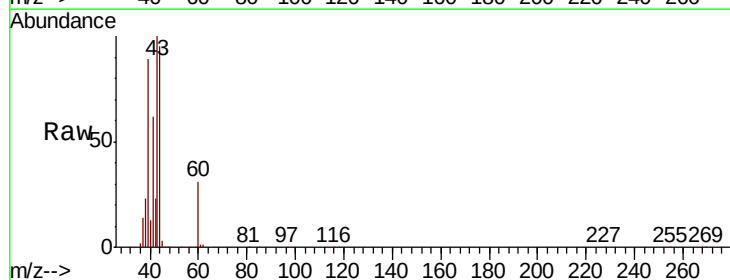


Abundance Ion 49.10 (48.80 to 49.80): VL0
Ion 128.00 (127.70 to 128.70): V
Ion 130.00 (129.70 to 130.70): V

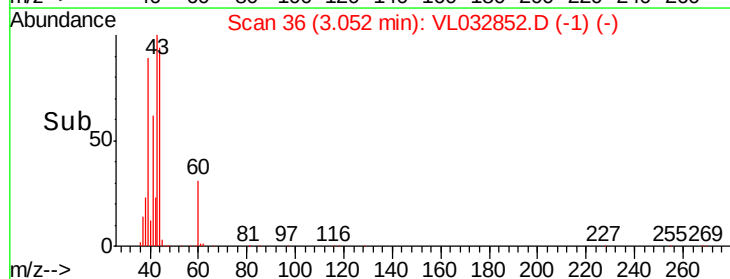
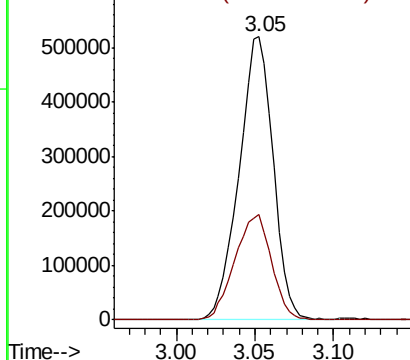


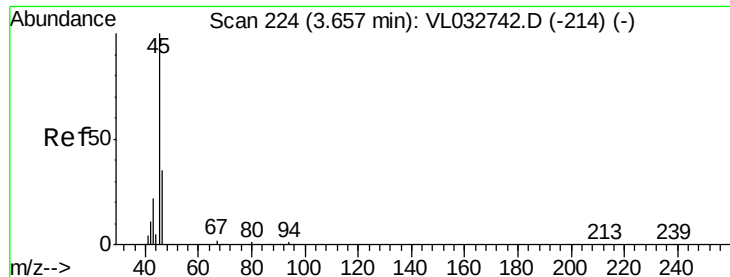
#9
Propene
Concen: 15.993 ppbv m
RT: 3.05 min Scan# 36
Delta R.T. 0.01 min
Lab File: VL032852.D
Acq: 30 Nov 2018 17:05

Tgt Ion: 41 Resp: 778040
Ion Ratio Lower Upper
41 100
42 93.0 55.0 82.6#



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





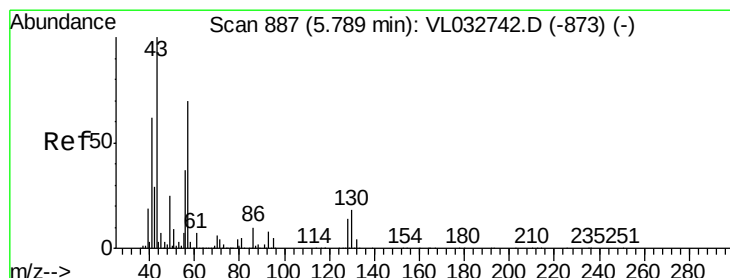
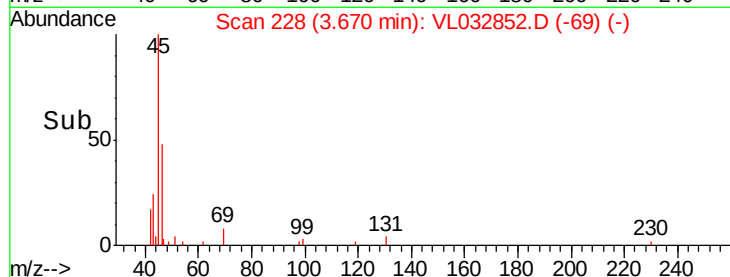
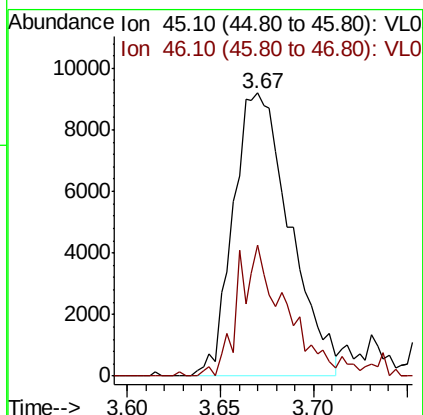
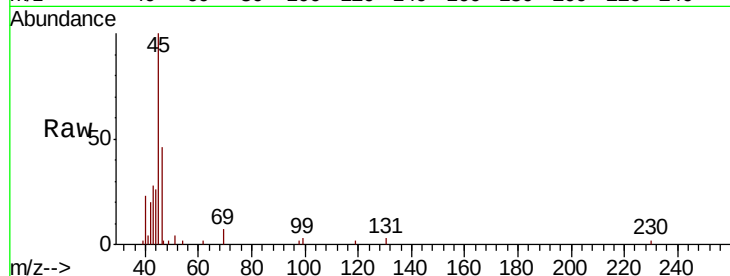
#13
Ethanol
Concen: 1.222 ppbv m
RT: 3.67 min Scan# 228
Delta R.T. 0.01 min
Lab File: VL032852.D
Acq: 30 Nov 2018 17:05

Instrument :
MSVOA_L
ClientSampleId :
SITE-D-DUPDL2

Tot Ion	Ratio	Lower	Upper
45	100		
46	0.0	14.5	57.9#

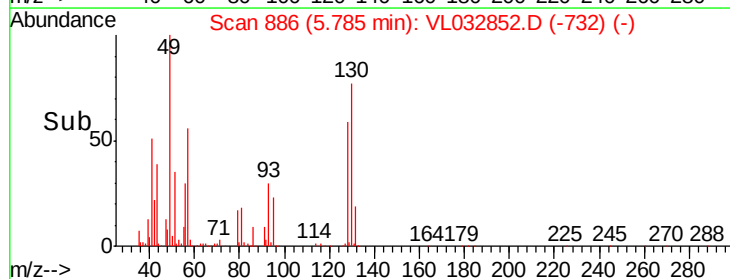
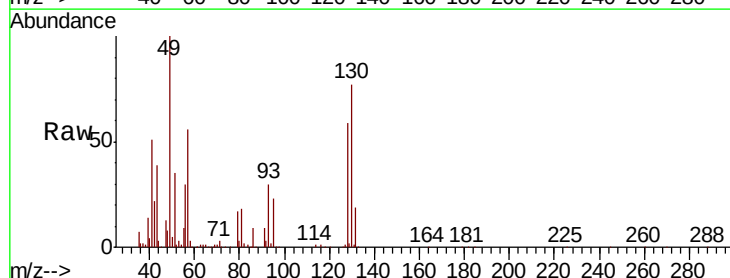
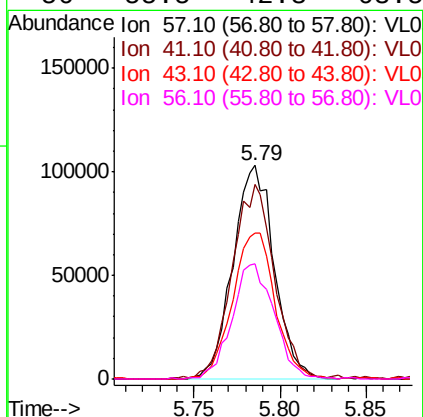
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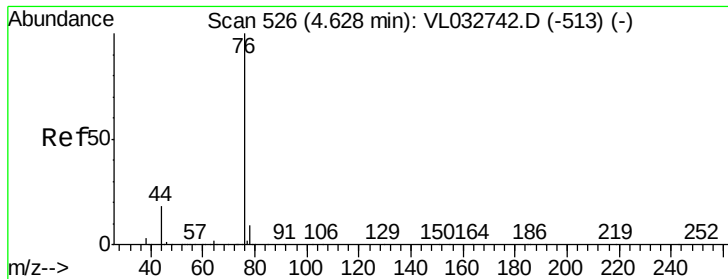
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#26
Hexane
Concen: 1.177 ppbv
RT: 5.79 min Scan# 886
Delta R.T. -0.00 min
Lab File: VL032852.D
Acq: 30 Nov 2018 17:05

Tgt Ion	Ratio	Lower	Upper
57	100		
41	94.1	70.3	105.5
43	71.7	174.0	261.0#
56	55.5	42.3	63.5





#27

Carbon Disulfide

Concen: 3.318 ppbv

RT: 4.62 min Scan# 525

Delta R.T. -0.00 min

Lab File: VL032852.D

Acq: 30 Nov 2018 17:05

Instrument :

MSVOA_L

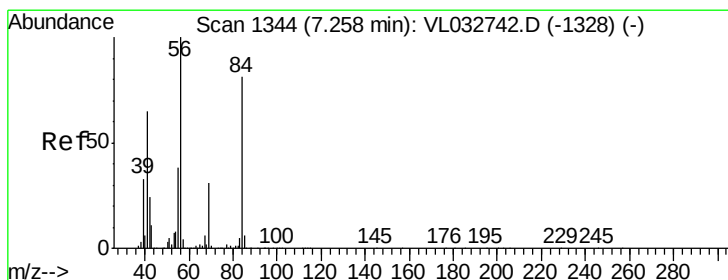
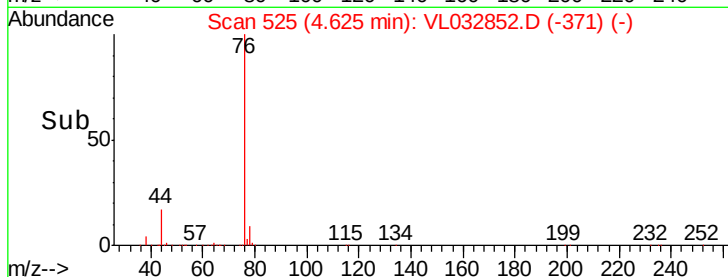
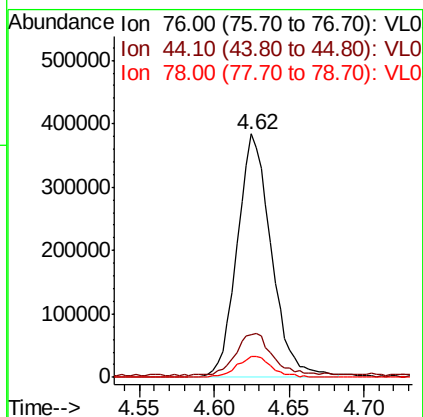
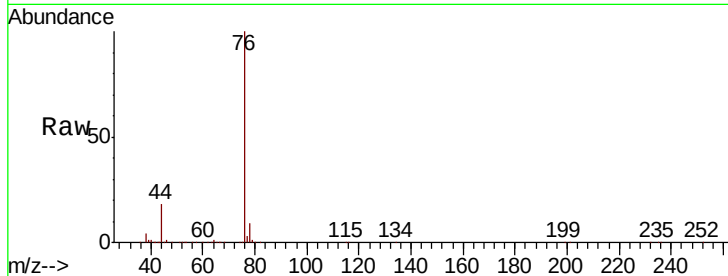
ClientSampleId :

SITE-D-DUPDL2

Tot Ion:	76	Resp:	611273
Ion	Ratio	Lower	Upper
76	100		
44	19.4	14.4	21.6
78	9.0	7.7	11.5

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#30

Cyclohexane

Concen: 3.411 ppbv

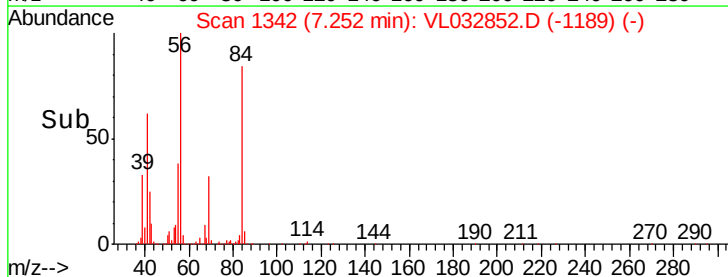
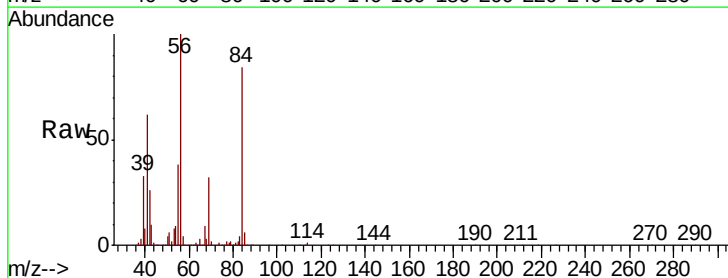
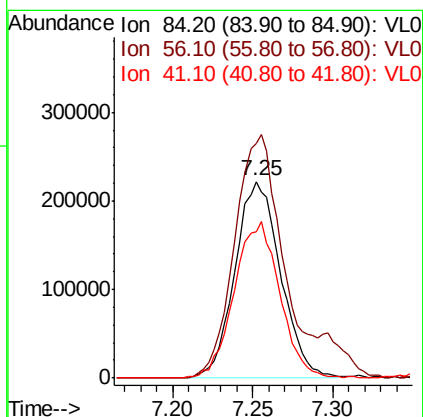
RT: 7.25 min Scan# 1342

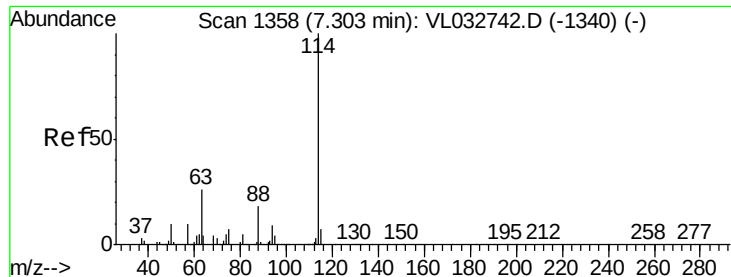
Delta R.T. -0.01 min

Lab File: VL032852.D

Acq: 30 Nov 2018 17:05

Tgt Ion:	84	Resp:	433421
Ion	Ratio	Lower	Upper
84	100		
56	142.6	105.0	157.4
41	79.2	65.3	97.9





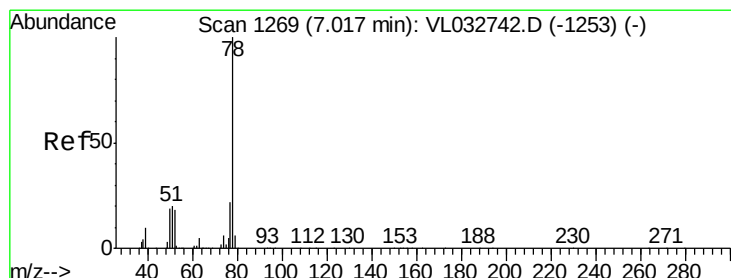
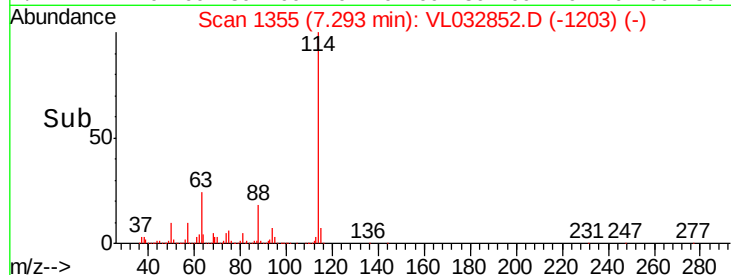
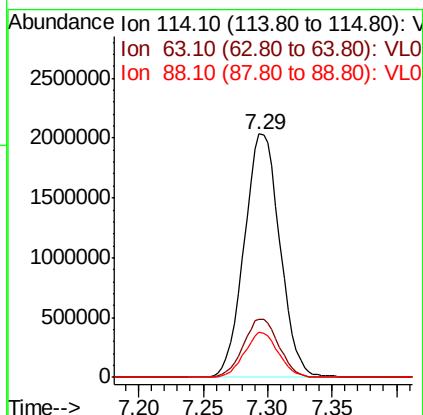
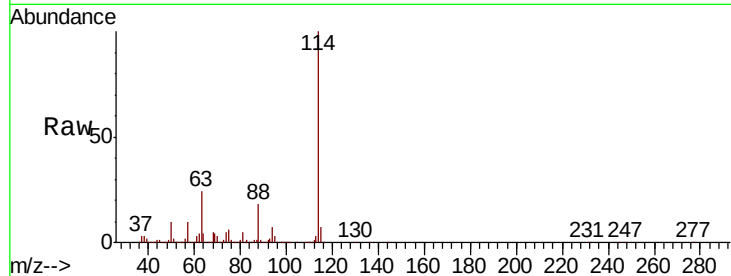
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.29 min Scan# 1355
 Delta R.T. -0.01 min
 Lab File: VL032852.D
 Acq: 30 Nov 2018 17:05

Instrument :
 MSVOA_L
 ClientSampleId :
 SITE-D-DUPDL2

Tot Ion	Ratio	Lower	Upper
114	100		
63	23.9	20.9	31.3
88	17.5	14.4	21.6

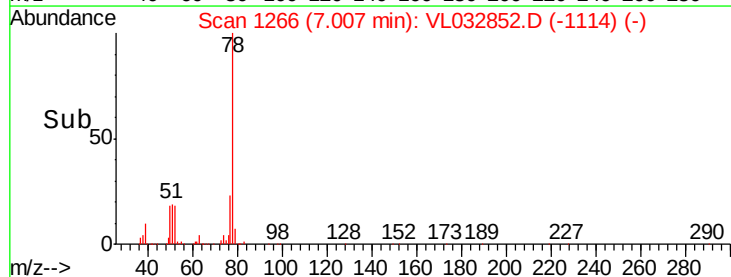
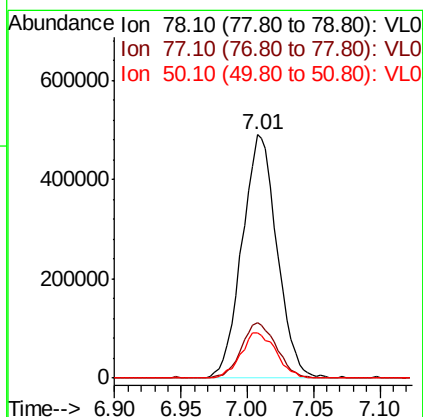
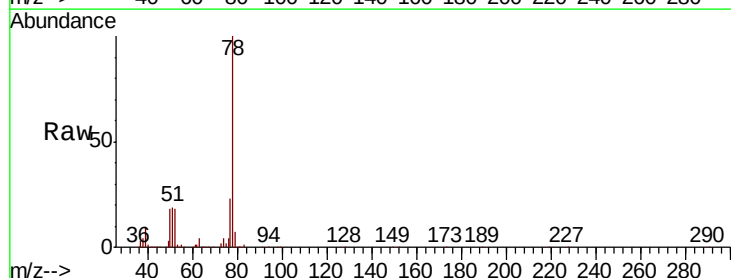
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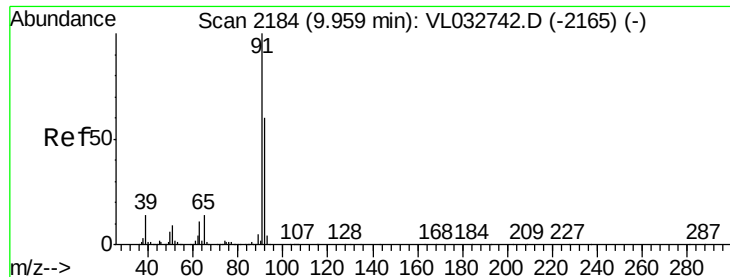
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#36
 Benzene
 Concen: 2.857 ppbv
 RT: 7.01 min Scan# 1266
 Delta R.T. -0.01 min
 Lab File: VL032852.D
 Acq: 30 Nov 2018 17:05

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.7	17.8	26.8
50	18.3	15.4	23.0





#53

Toluene

Concen: 1.164 ppbv

RT: 9.95 min Scan# 2182

Delta R.T. -0.01 min

Lab File: VL032852.D

Acq: 30 Nov 2018 17:05

Instrument :

MSVOA_L

ClientSampleId :

SITE-D-DUPDL2

Tot Ion: 91 Resp: 379758

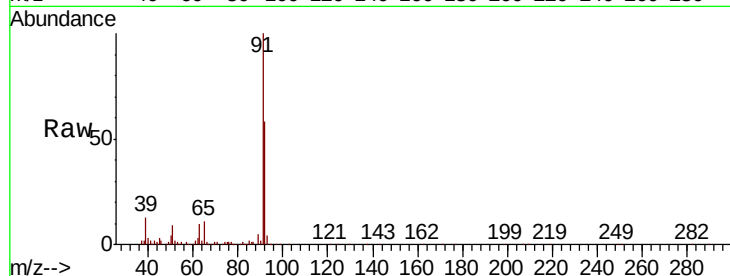
Ion Ratio Lower Upper

91 100

92 57.6 47.9 71.9

Manual Integrations
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Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0

9.95

200000

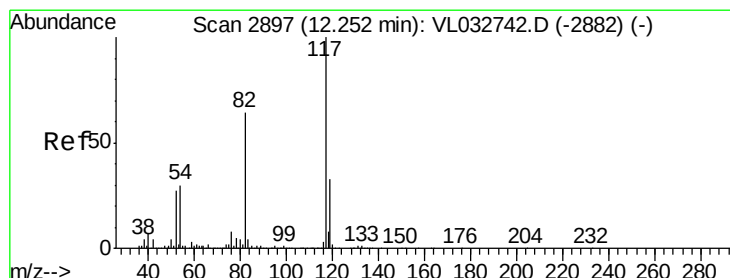
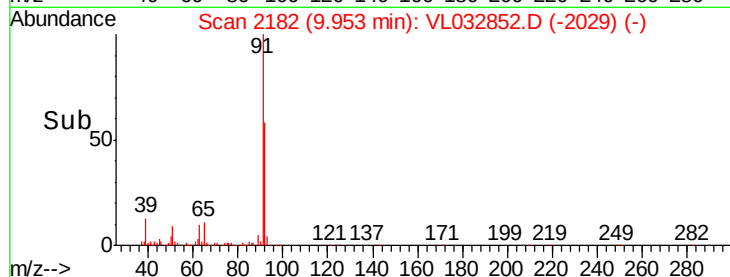
150000

100000

50000

0

Time-->



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.25 min Scan# 2895

Delta R.T. -0.01 min

Lab File: VL032852.D

Acq: 30 Nov 2018 17:05

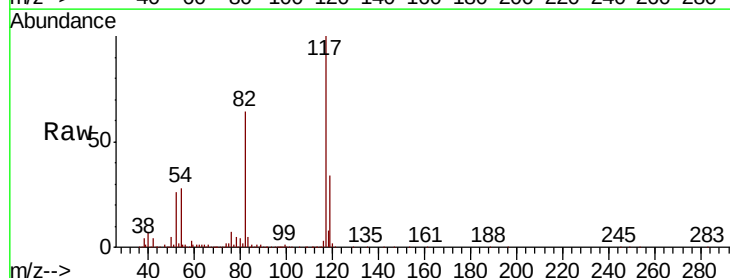
Tgt Ion: 117 Resp: 3722831

Ion Ratio Lower Upper

117 100

82 62.4 51.0 76.6

119 32.8 28.0 42.0



Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V

12.25

2000000

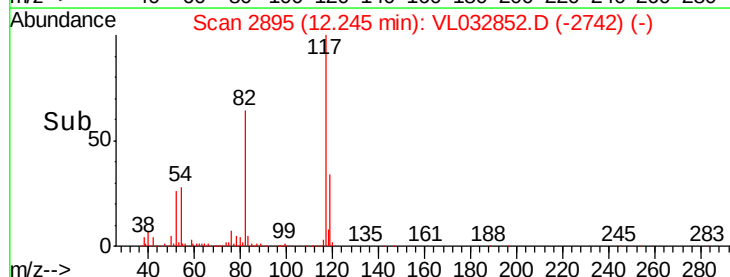
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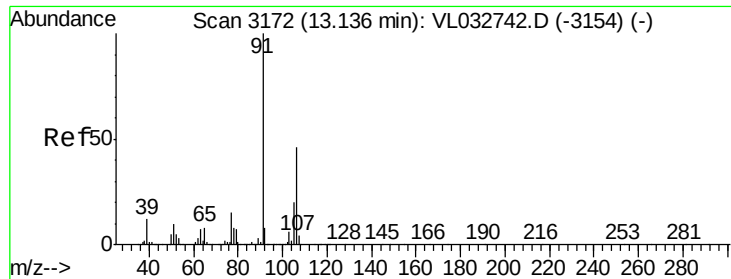
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Time-->





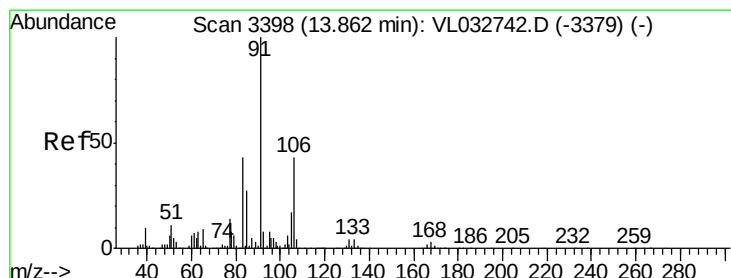
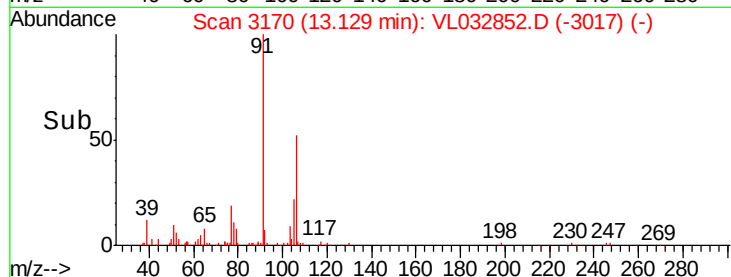
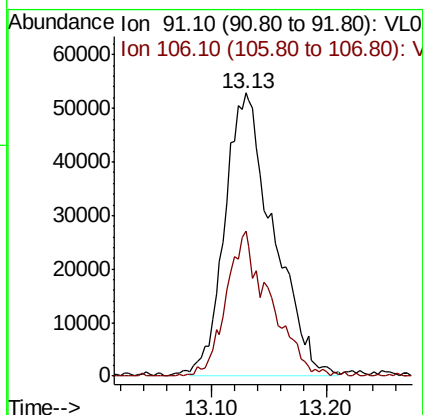
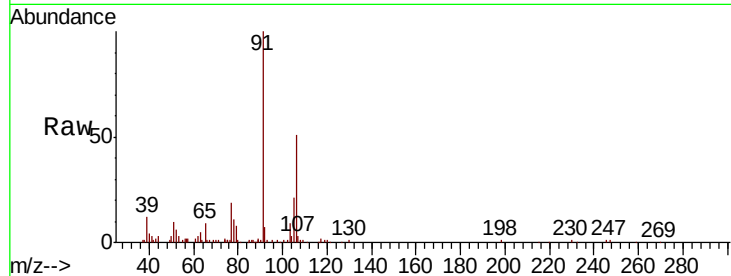
#59
m/p-Xylene
Concen: 0.390 ppbv m
RT: 13.13 min Scan# 3170
Delta R.T. -0.01 min
Lab File: VL032852.D
Acq: 30 Nov 2018 17:05

Instrument :
MSVOA_L
ClientSampleId :
SITE-D-DUPDL2

Tot Ion	Ratio	Lower	Upper
91	100		
106	46.8	36.1	54.1

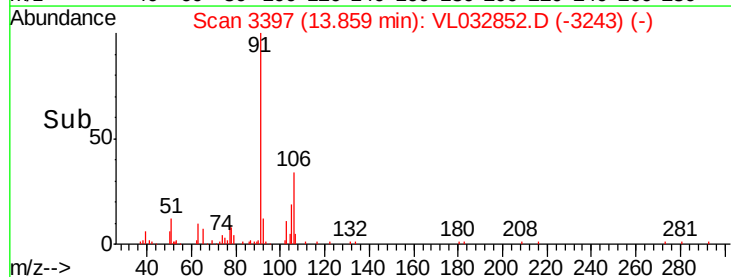
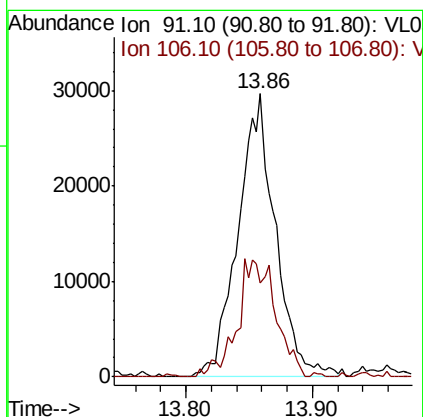
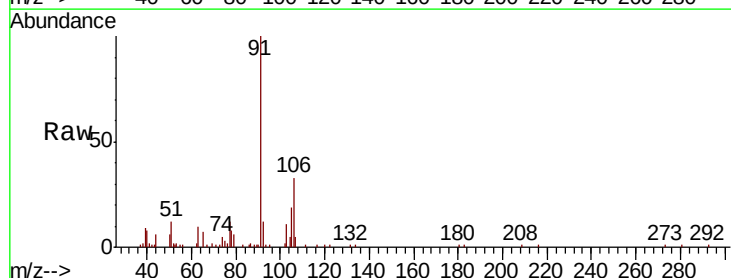
Manual Integrations
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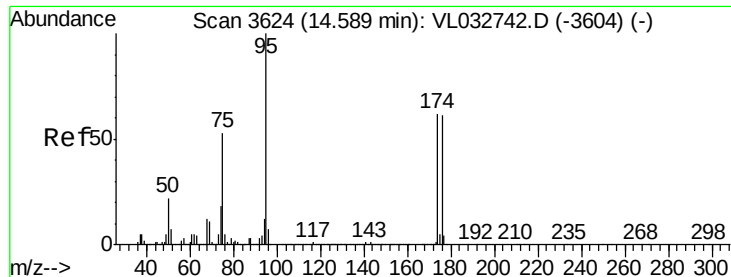
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#60
o-Xylene
Concen: 0.152 ppbv m
RT: 13.86 min Scan# 3397
Delta R.T. -0.00 min
Lab File: VL032852.D
Acq: 30 Nov 2018 17:05

Tgt Ion	Ratio	Lower	Upper
91	100		
106	0.0	21.9	65.7#





#68

1-Bromo-4-Fluorobenzene

Concen: 10.051 ppbv

RT: 14.58 min Scan# 3622

Delta R.T. -0.01 min

Lab File: VL032852.D

Acq: 30 Nov 2018 17:05

Instrument :

MSVOA_L

ClientSampleId :

SITE-D-DUPDL2

Tot Ion: 95 Resp: 2798598

Ion Ratio Lower Upper

95 100

174 65.9 50.7 76.1

175 5.0 3.8 5.6

Manual Integrations

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