

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111418\
 Data File : VL032756.D
 Acq On : 14 Nov 2018 13:03
 Operator : SY/AP
 Sample : J5891-01DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IASC1DL

Manual Integrations
 APPROVED

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Quant Time: Nov 15 06:00:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111418AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed 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	5.76	49	1645434	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	4157191	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	3779207	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.58	95	2830305	10.01	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.06	41	14013	0.268	ppbv #	70
13) Ethanol	3.66	45	149943	8.769	ppbv	96
15) Acetone	3.92	43	77171	0.514	ppbv	97
19) Isopropyl Alcohol	4.06	45	26094m	0.261	ppbv	
20) Methylene Chloride	4.42	84	81543	1.048	ppbv	96
26) Hexane	5.78	57	68437	0.439	ppbv #	44
53) Toluene	9.95	91	231167	0.669	ppbv	100
59) m/p-Xylene	13.13	91	36872m	0.091	ppbv	

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

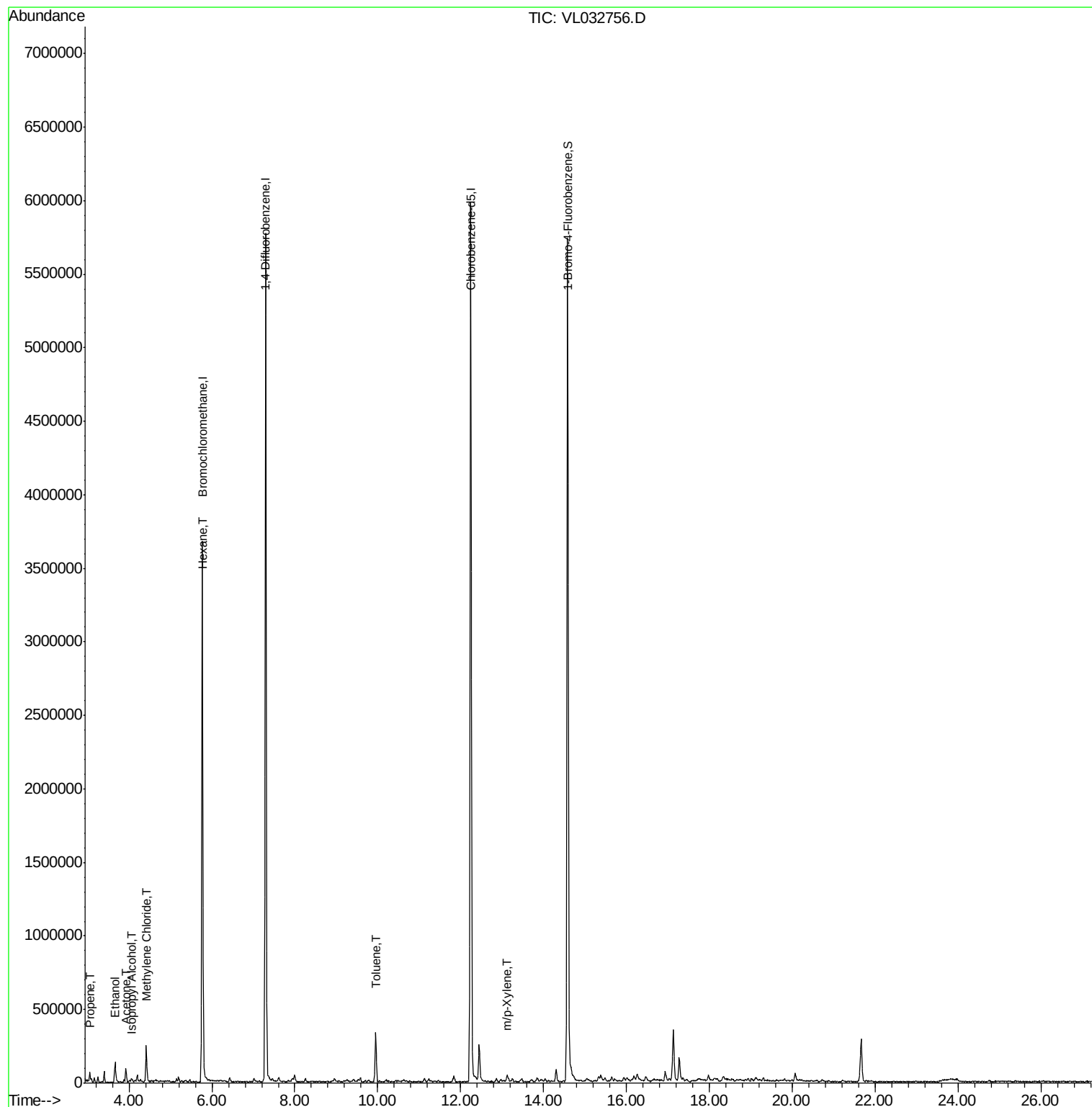
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL111418\
Data File : VL032756.D
Acq On : 14 Nov 2018 13:03
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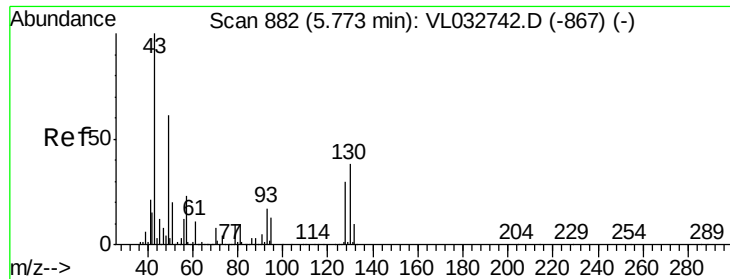
Instrument :
MSVOA_L
ClientSampleId :
IASC1DL

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Quant Time: Nov 15 06:00:13 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: VL032756.D

Acq: 14 Nov 2018 13:03

Instrument :

MSVOA_L

ClientSampled :

IASC1DL

Tot Ion: 49 Resp: 1645434

Ion Ratio Lower Upper

49 100

128 50.7 24.9 74.6

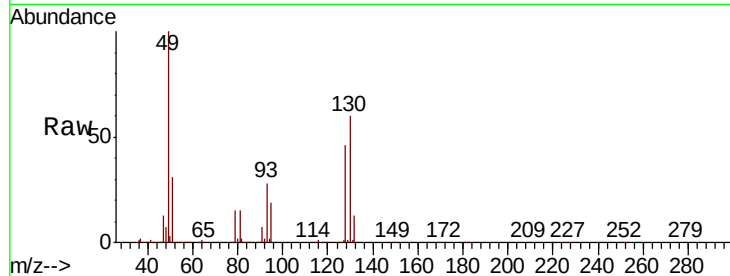
130 64.6 31.4 94.2

Manual Integrations

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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

1200000

1000000

800000

600000

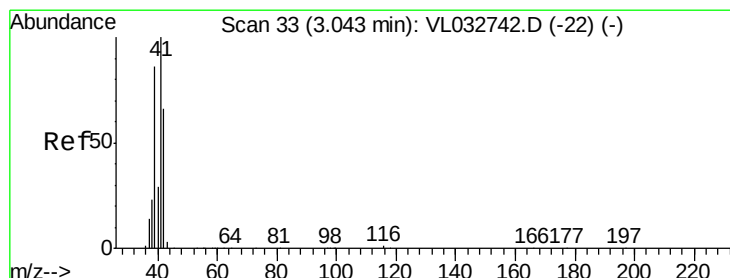
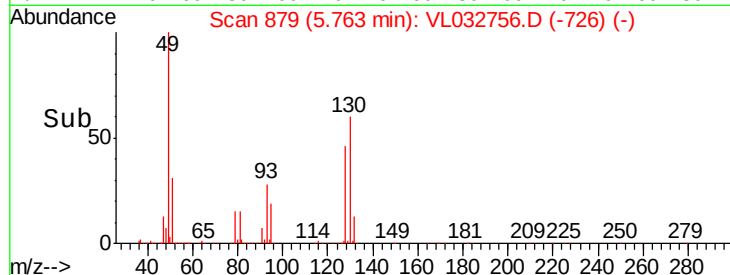
400000

200000

0

5.70 5.75 5.80 5.85

Time-->



#9

Propene

Concen: 0.268 ppbv

RT: 3.06 min Scan# 37

Delta R.T. 0.01 min

Lab File: VL032756.D

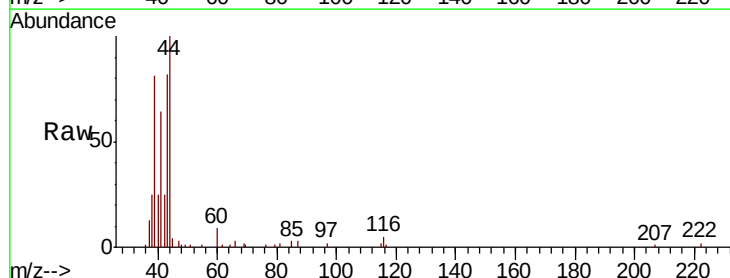
Acq: 14 Nov 2018 13:03

Tgt Ion: 41 Resp: 14013

Ion Ratio Lower Upper

41 100

42 44.2 55.0 82.6#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

12000

10000

8000

6000

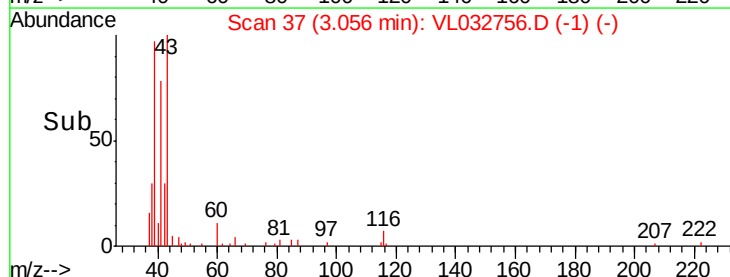
4000

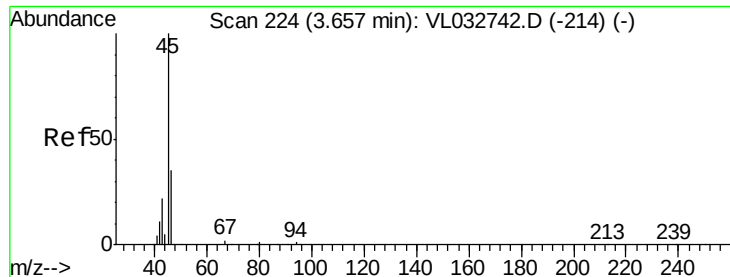
2000

0

3.00 3.05 3.10

Time-->





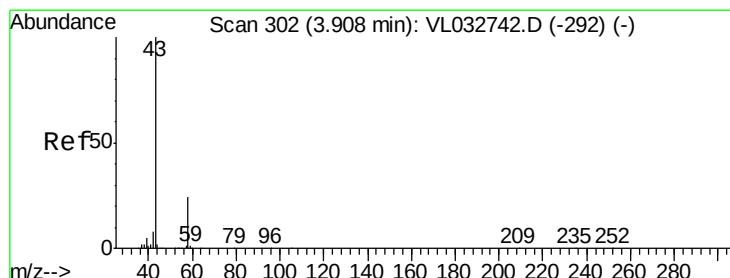
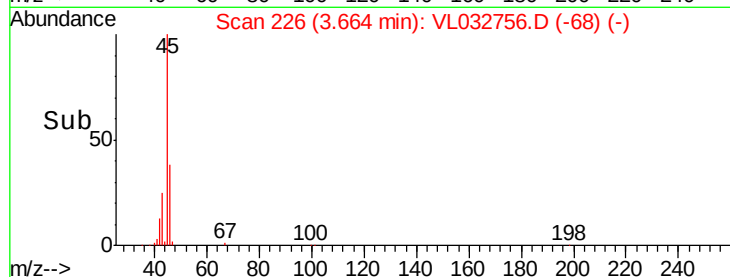
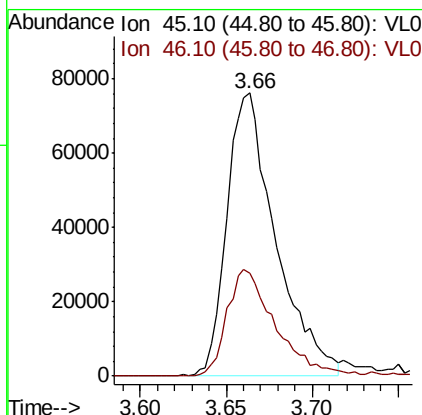
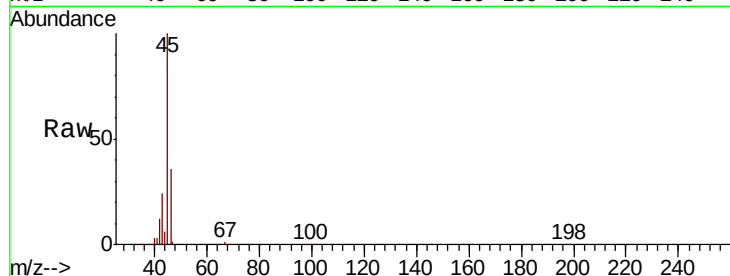
#13
Ethanol
Concen: 8.769 ppbv
RT: 3.66 min Scan# 226
Delta R.T. 0.01 min
Lab File: VL032756.D
Acq: 14 Nov 2018 13:03

Instrument :
MSVOA_L
ClientSampleId :
IASC1DL

Tot Ion	45	46	Ratio	Lower	Upper
Resp:	149943				
Ion	45	46	100	38.3	14.5
				57.9	

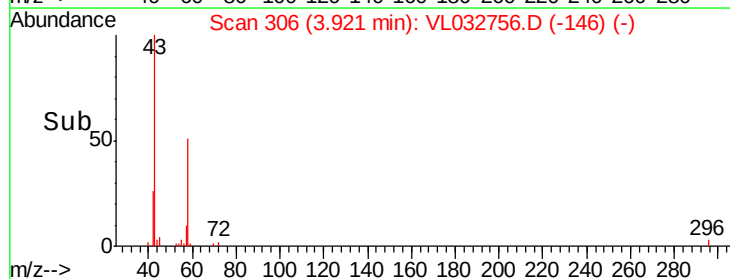
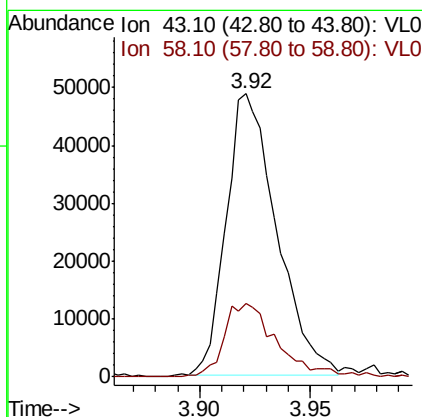
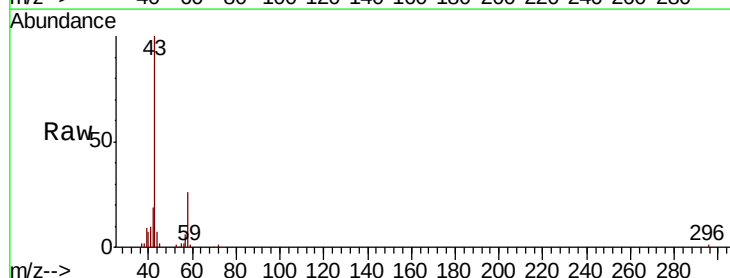
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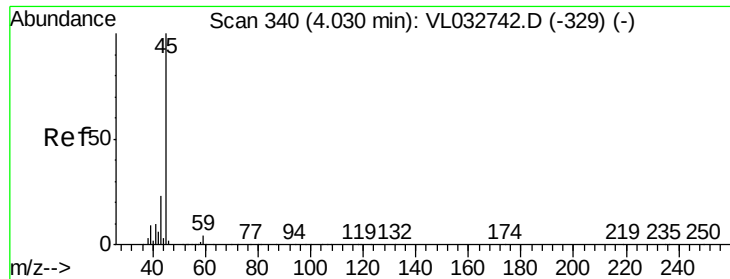
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#15
Acetone
Concen: 0.514 ppbv
RT: 3.92 min Scan# 306
Delta R.T. 0.01 min
Lab File: VL032756.D
Acq: 14 Nov 2018 13:03

Tgt Ion	43	58	Ratio	Lower	Upper
Resp:	77171				
Ion	43	58	100	27.9	21.1
				31.7	





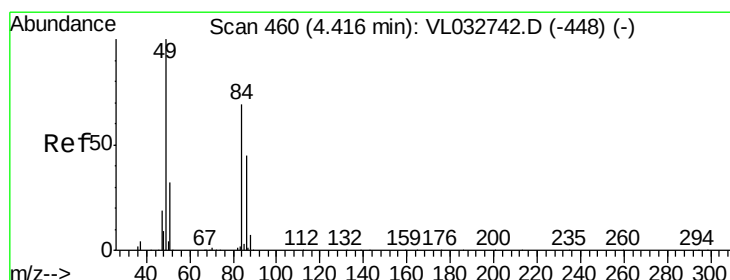
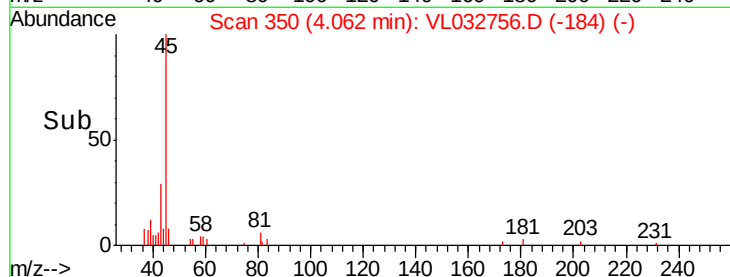
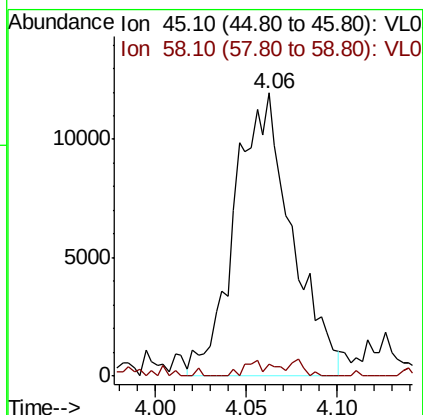
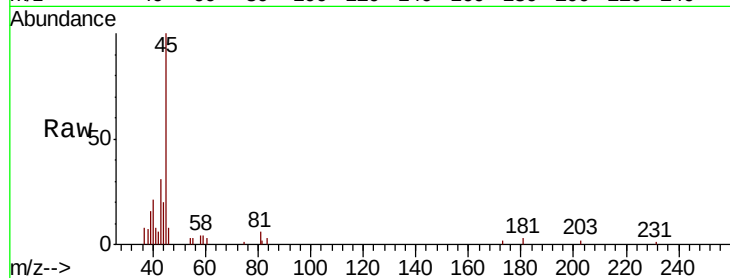
#19
Isopropyl Alcohol
Concen: 0.261 ppbv m
RT: 4.06 min Scan# 350
Delta R.T. 0.03 min
Lab File: VL032756.D
Acq: 14 Nov 2018 13:03

Instrument :
MSVOA_L
ClientSampleId :
IASC1DL

Tot Ion: 45 Resp: 26094
Ion Ratio Lower Upper
45 100
58 82.4 1.4 2.0#

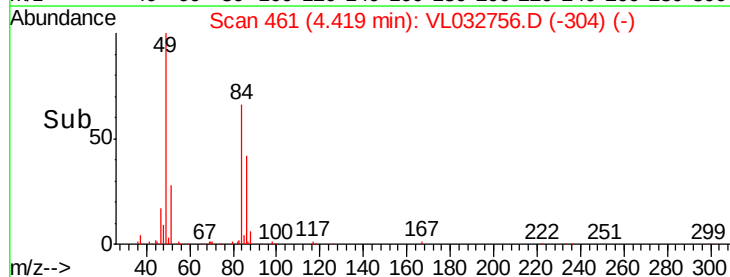
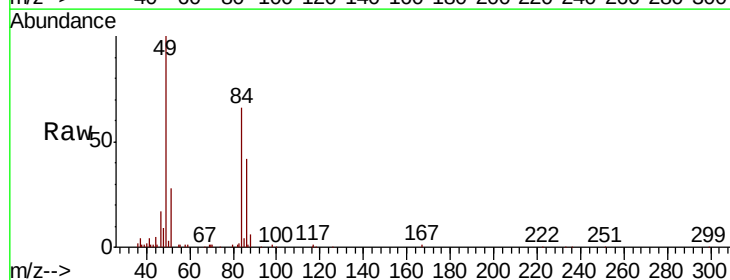
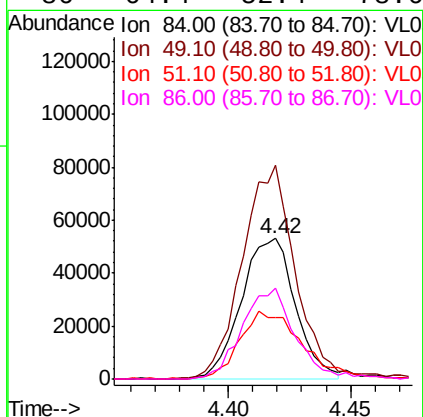
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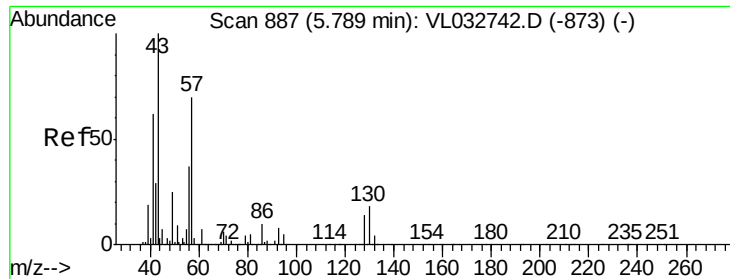
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#20
Methylene Chloride
Concen: 1.048 ppbv
RT: 4.42 min Scan# 461
Delta R.T. 0.00 min
Lab File: VL032756.D
Acq: 14 Nov 2018 13:03

Tgt Ion: 84 Resp: 81543
Ion Ratio Lower Upper
84 100
49 151.7 115.8 173.6
51 43.4 36.9 55.3
86 64.4 52.4 78.6





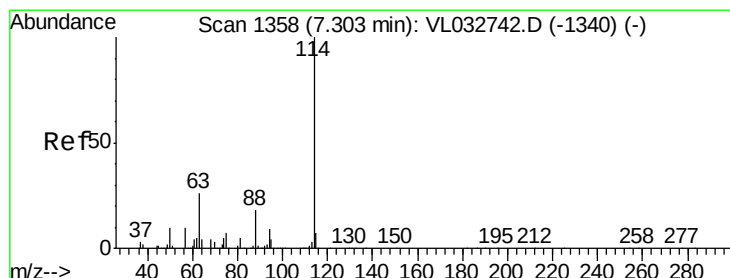
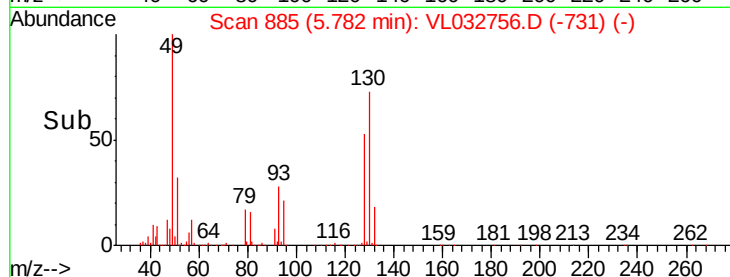
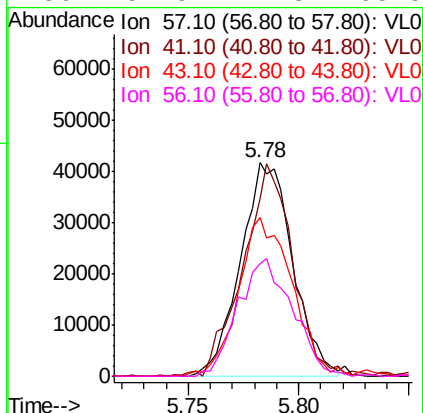
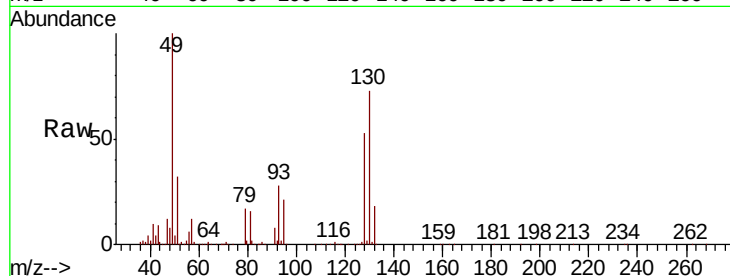
#26
Hexane
Concen: 0.439 ppbv
RT: 5.78 min Scan# 885
Delta R.T. -0.01 min
Lab File: VL032756.D
Acq: 14 Nov 2018 13:03

Instrument :
MSVOA_L
ClientSampled :
IASC1DL

Tot Ion	Ratio	Lower	Upper
57	100		
41	95.6	70.3	105.5
43	77.7	174.0	261.0#
56	57.9	42.3	63.5

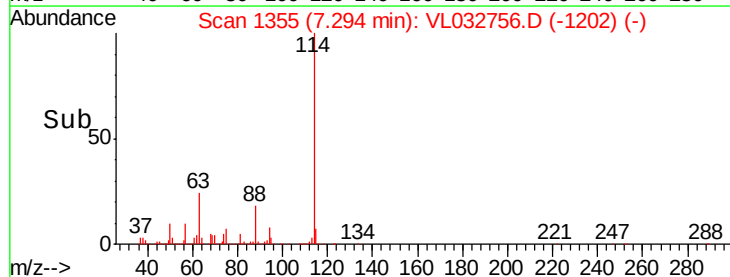
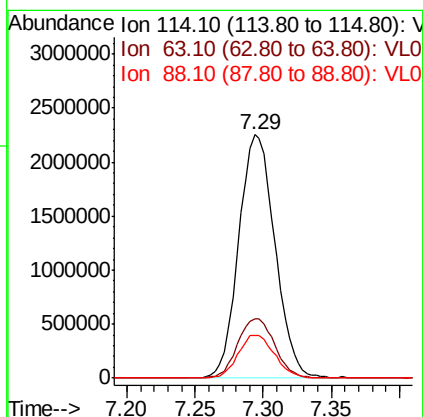
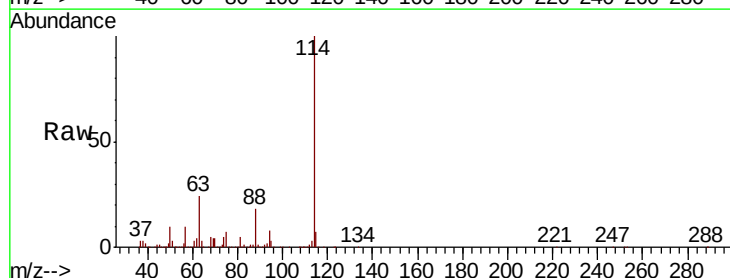
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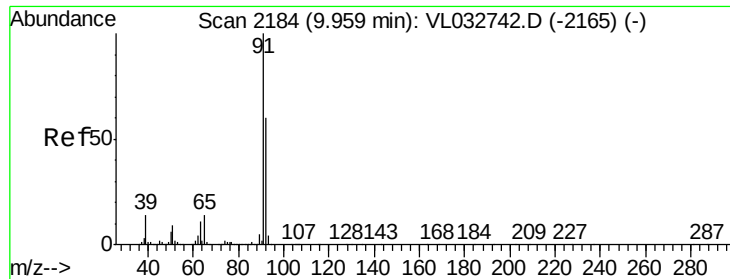
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1355
Delta R.T. -0.01 min
Lab File: VL032756.D
Acq: 14 Nov 2018 13:03

Tgt Ion	Ratio	Lower	Upper
114	100		
63	25.1	20.9	31.3
88	17.8	14.4	21.6





#53

Toluene

Concen: 0.669 ppbv

RT: 9.95 min Scan# 2181

Delta R.T. -0.01 min

Lab File: VL032756.D

Acq: 14 Nov 2018 13:03

Instrument :

MSVOA_L

ClientSampleId :

IASC1DL

Tot Ion: 91 Resp: 231167

Ion Ratio Lower Upper

91 100

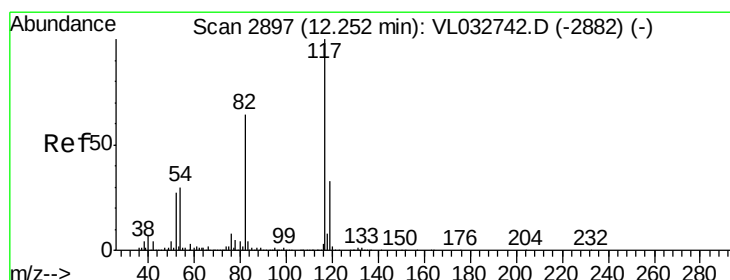
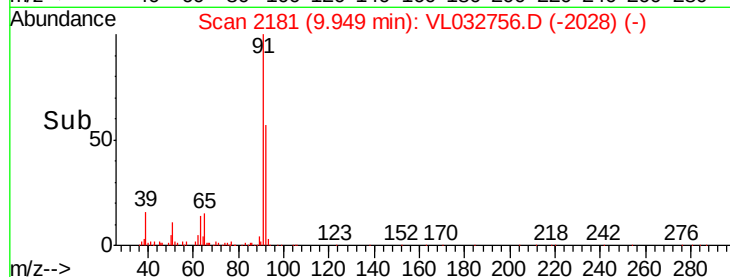
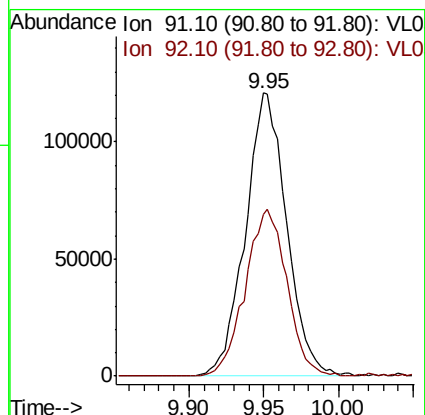
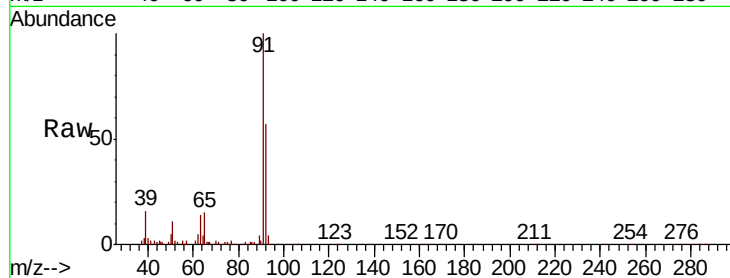
92 60.2 47.9 71.9

Manual Integrations

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11/16/2018 1:29:54 PM



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.24 min Scan# 2894

Delta R.T. -0.01 min

Lab File: VL032756.D

Acq: 14 Nov 2018 13:03

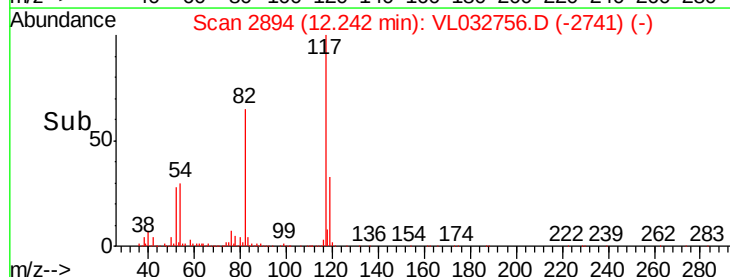
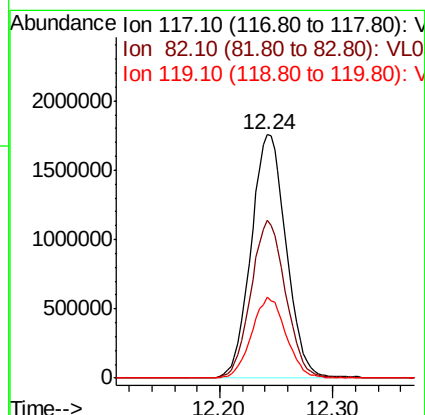
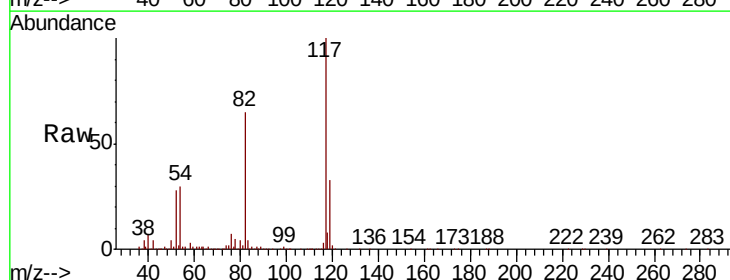
Tgt Ion: 117 Resp: 3779207

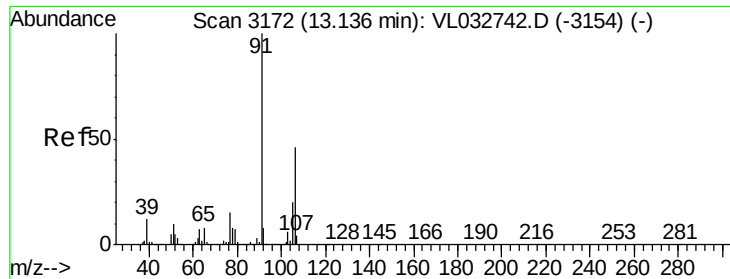
Ion Ratio Lower Upper

117 100

82 64.7 51.0 76.6

119 32.7 28.0 42.0





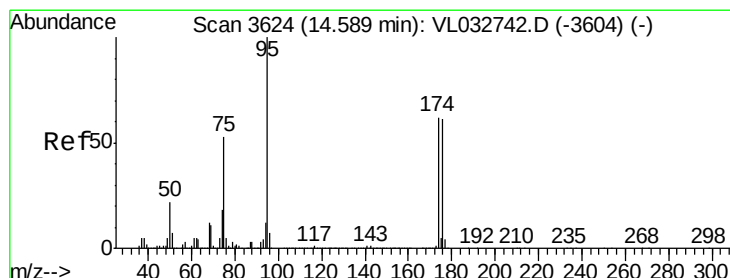
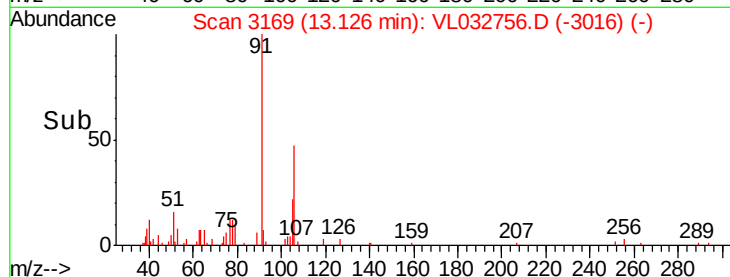
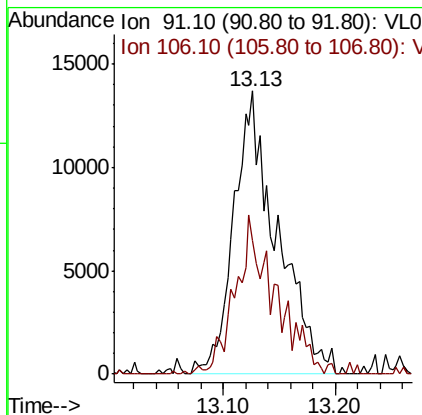
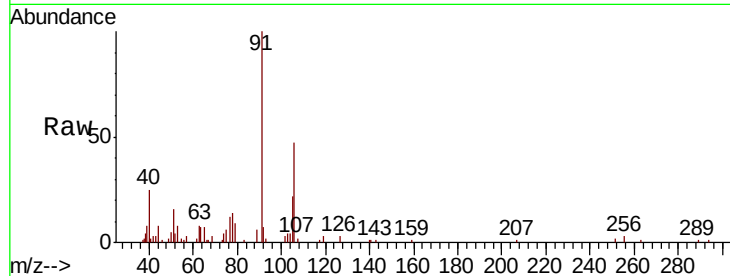
#59
m/p-Xylene
Concen: 0.091 ppbv m
RT: 13.13 min Scan# 3169
Delta R.T. -0.01 min
Lab File: VL032756.D
Acq: 14 Nov 2018 13:03

Instrument :
MSVOA_L
ClientSampleId :
IASC1DL

Tot Ion: 91 Resp: 36872
Ion Ratio Lower Upper
91 100
106 52.0 36.1 54.1

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.013 ppbv
RT: 14.58 min Scan# 3621
Delta R.T. -0.01 min
Lab File: VL032756.D
Acq: 14 Nov 2018 13:03

Tgt Ion: 95 Resp: 2830305
Ion Ratio Lower Upper
95 100
174 64.2 50.7 76.1
175 4.8 3.8 5.6

