

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL113018\
 Data File : VL032870.D
 Acq On : 1 Dec 2018 4:46
 Operator : SY/AP
 Sample : J6132-07DL 40X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 DSV-06DL

Manual Integrations
 APPROVED

MMDadoda
 12/3/2018 4:17:14 PM

Quant Time: Dec 01 05:50:57 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	1393776	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	3434193	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	3210398	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	2415083	10.06	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.04	41	86745	1.962	ppbv	99
13) Ethanol	3.68	45	17660m	1.219	ppbv	
15) Acetone	3.92	43	81726	0.642	ppbv #	87
34) 2-Butanone	5.35	43	97073	0.545	ppbv	100
36) Benzene	7.01	78	76220	0.279	ppbv	92

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

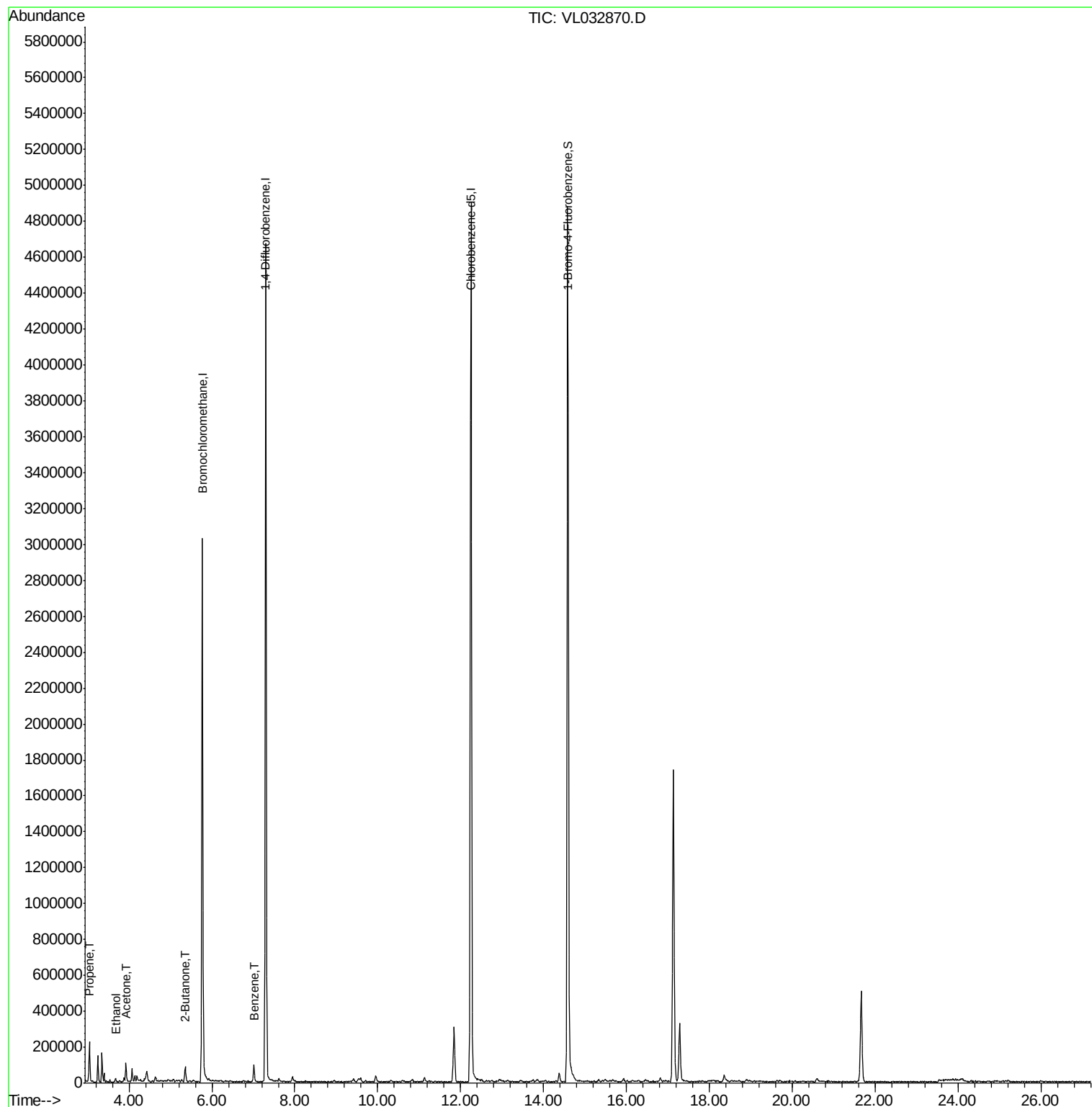
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL113018\
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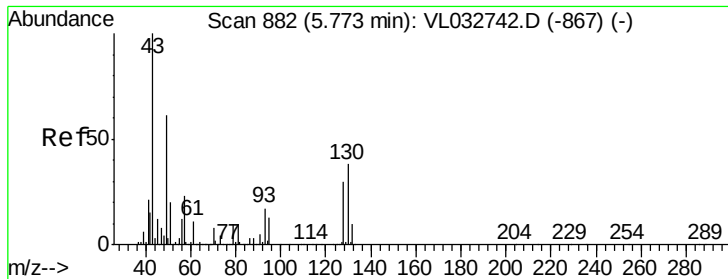
Instrument :
MSVOA_L
ClientSampleId :
DSV-06DL

Manual Integrations
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Quant Time: Dec 01 05:50:57 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# 880

Delta R.T. -0.01 min

Lab File: VL032870.D

Acq: 1 Dec 2018 4:46

Instrument :

MSVOA_L

ClientSampleId :

DSV-06DL

Tot Ion: 49 Resp: 1393776

Ion Ratio Lower Upper

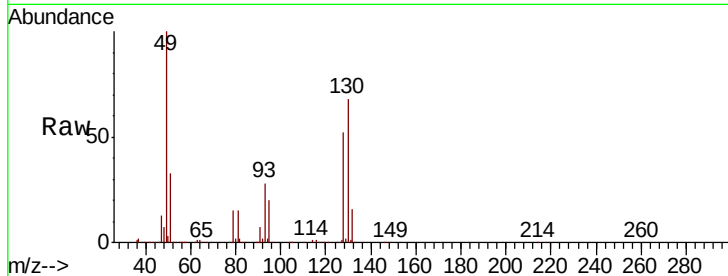
49 100

128 52.8 24.9 74.6

130 67.5 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

800000

600000

400000

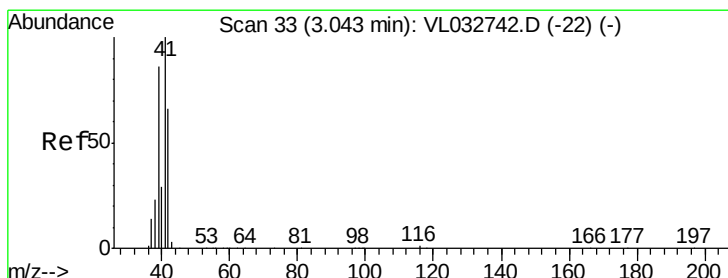
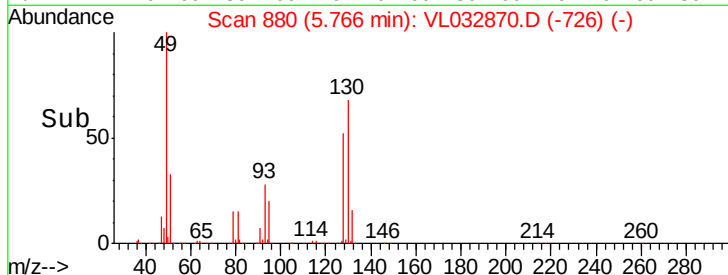
200000

0

5.77

5.70 5.75 5.80 5.85

Time-->



#9

Propene

Concen: 1.962 ppbv

RT: 3.04 min Scan# 33

Delta R.T. -0.00 min

Lab File: VL032870.D

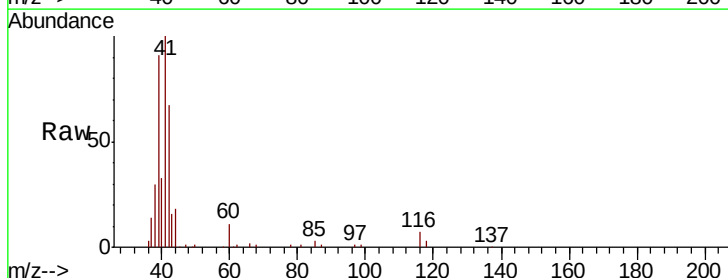
Acq: 1 Dec 2018 4:46

Tgt Ion: 41 Resp: 86745

Ion Ratio Lower Upper

41 100

42 67.7 55.0 82.6



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

60000

40000

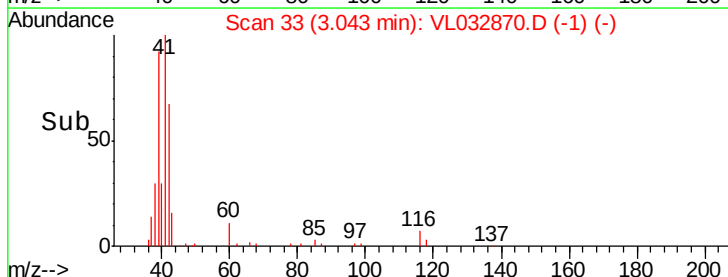
20000

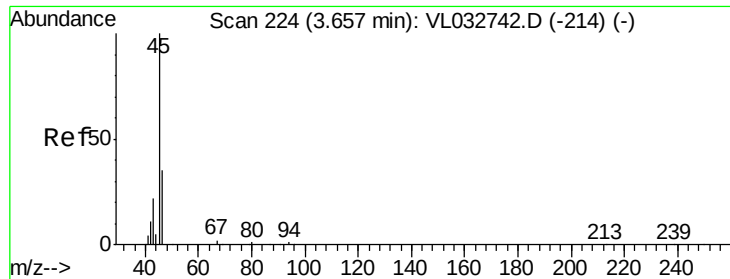
0

3.04

3.00 3.05 3.10

Time-->





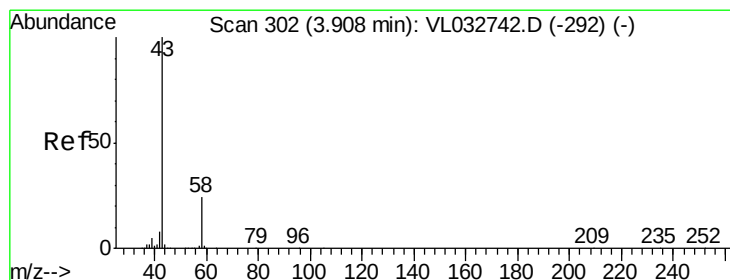
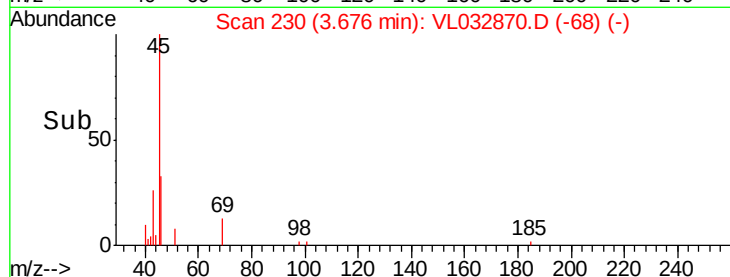
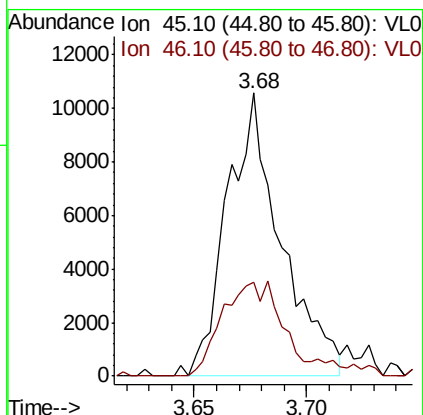
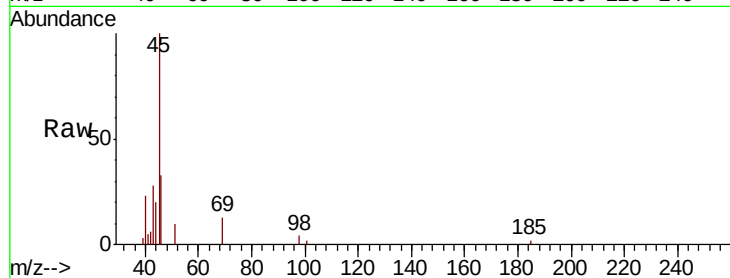
#13
Ethanol
Concen: 1.219 ppbv m
RT: 3.68 min Scan# 230
Delta R.T. 0.02 min
Lab File: VL032870.D
Acq: 1 Dec 2018 4:46

Instrument :
MSVOA_L
ClientSampleId :
DSV-06DL

Tot Ion: 45 Resp: 17660
Ion Ratio Lower Upper
45 100
46 0.0 14.5 57.9#

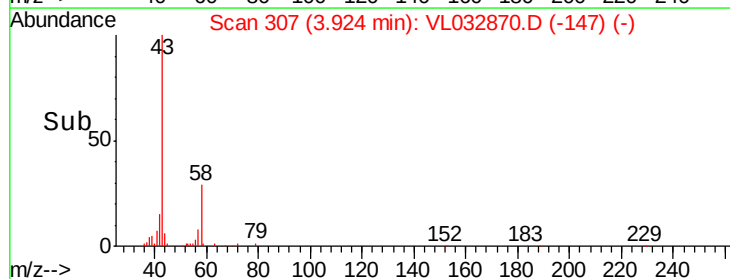
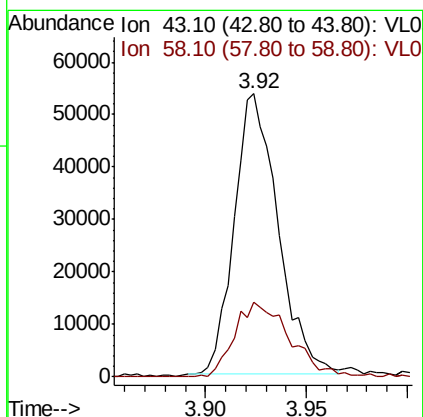
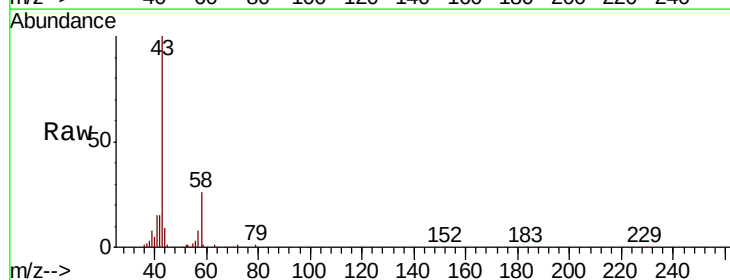
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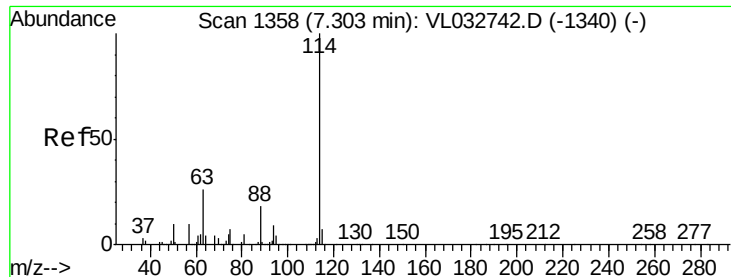
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#15
Acetone
Concen: 0.642 ppbv
RT: 3.92 min Scan# 307
Delta R.T. 0.02 min
Lab File: VL032870.D
Acq: 1 Dec 2018 4:46

Tgt Ion: 43 Resp: 81726
Ion Ratio Lower Upper
43 100
58 33.3 21.1 31.7#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.30 min Scan# 1356

Delta R.T. -0.01 min

Lab File: VL032870.D

Acq: 1 Dec 2018 4:46

Instrument :

MSVOA_L

ClientSampleId :

DSV-06DL

Tot Ion:114 Resp: 3434193

Ion Ratio Lower Upper

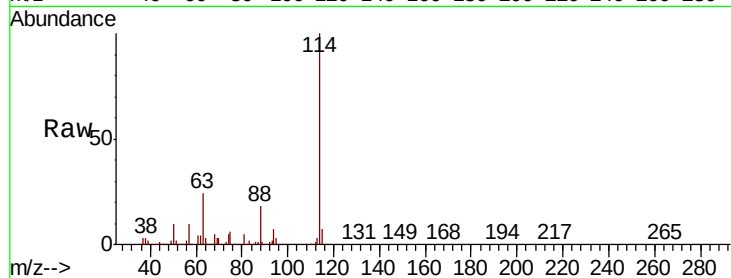
114 100

63 23.6 20.9 31.3

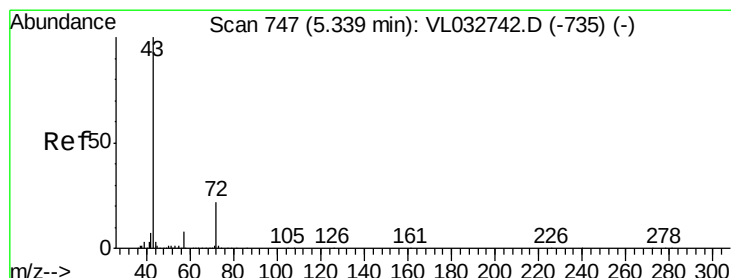
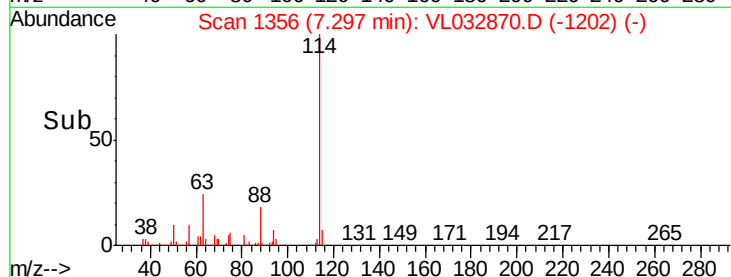
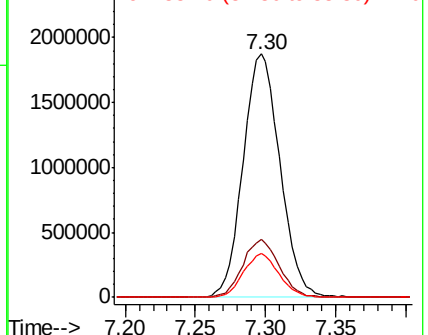
88 17.2 14.4 21.6

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Abundance Ion 114.10 (113.80 to 114.80): VL0
Ion 63.10 (62.80 to 63.80): VL0
Ion 88.10 (87.80 to 88.80): VL0



#34

2-Butanone

Concen: 0.545 ppbv

RT: 5.35 min Scan# 751

Delta R.T. 0.01 min

Lab File: VL032870.D

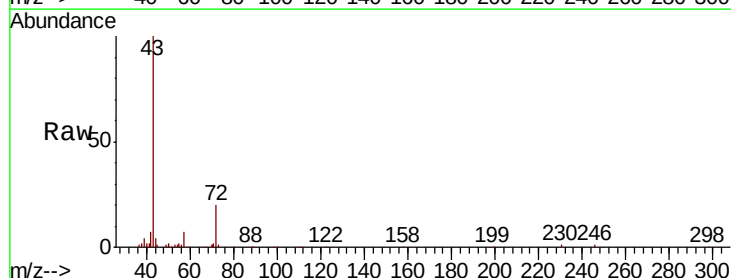
Acq: 1 Dec 2018 4:46

Tgt Ion: 43 Resp: 97073

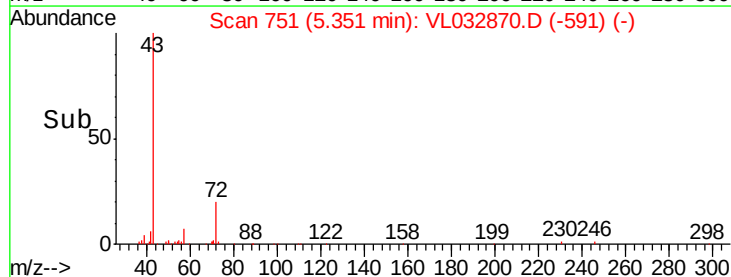
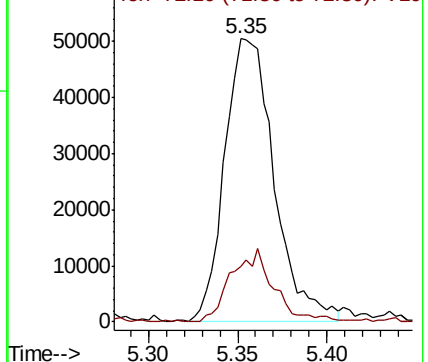
Ion Ratio Lower Upper

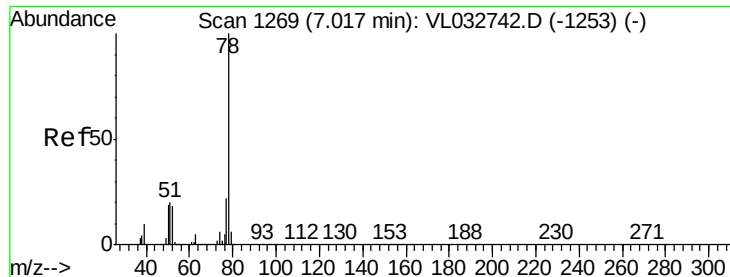
43 100

72 23.2 18.4 27.6



Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 72.10 (71.80 to 72.80): VL0





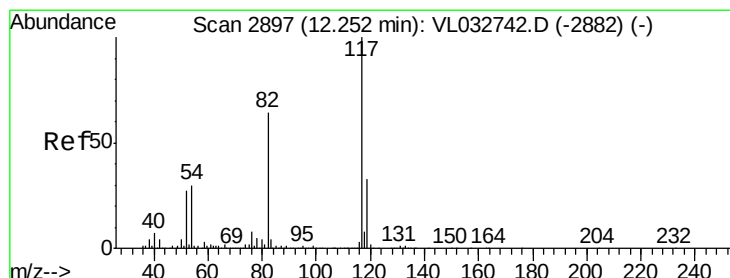
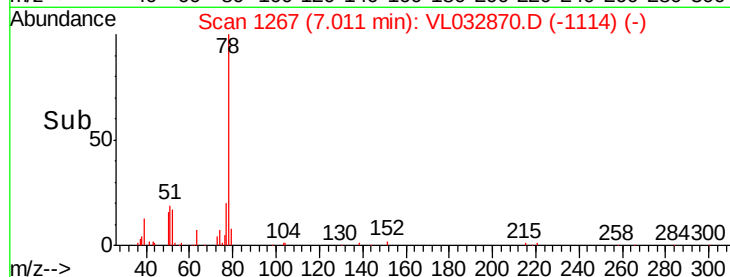
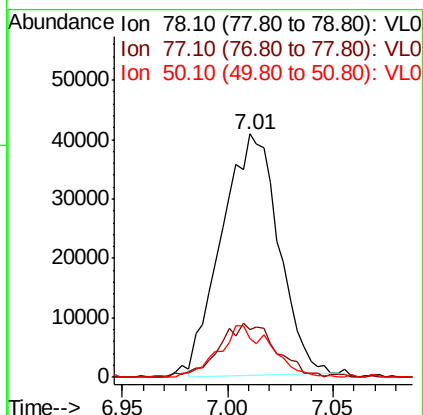
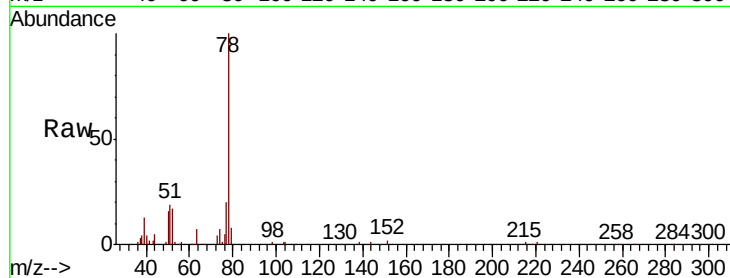
#36
Benzene
Concen: 0.279 ppbv
RT: 7.01 min Scan# 1267
Delta R.T. -0.01 min
Lab File: VL032870.D
Acq: 1 Dec 2018 4:46

Instrument :
MSVOA_L
ClientSampled :
DSV-06DL

Tot Ion	Ratio	Lower	Upper
78	100		
77	17.9	17.8	26.8
50	15.8	15.4	23.0

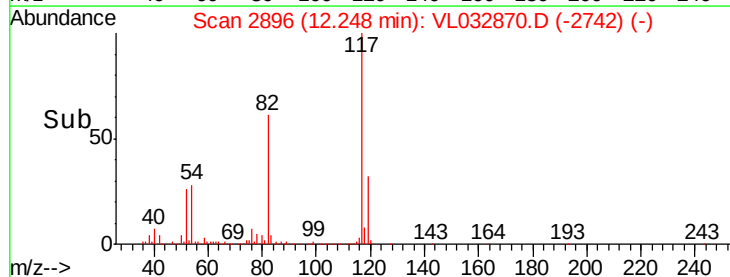
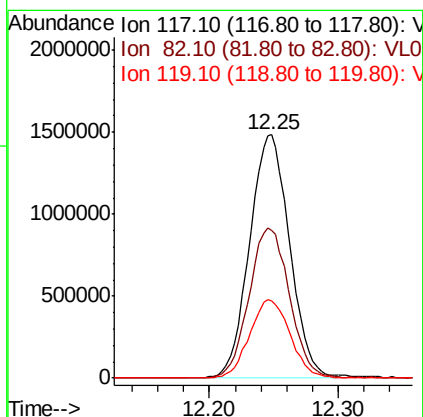
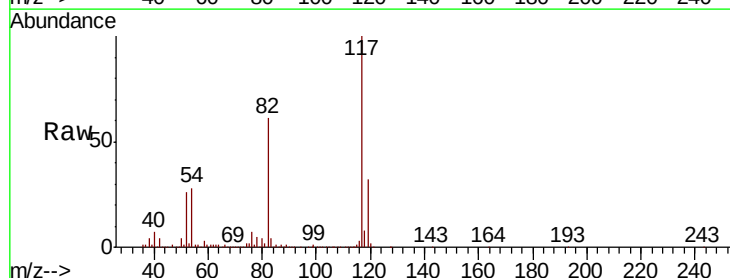
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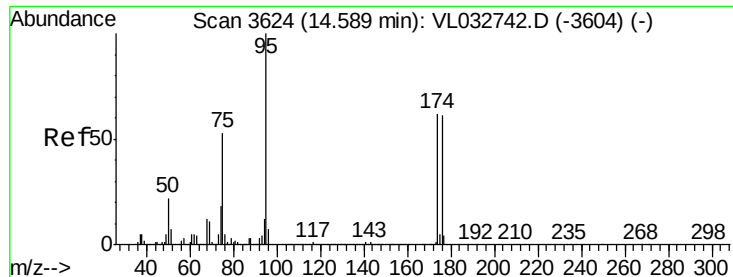
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#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.25 min Scan# 2896
Delta R.T. -0.00 min
Lab File: VL032870.D
Acq: 1 Dec 2018 4:46

Tgt Ion	Ratio	Lower	Upper
117	100		
82	63.2	51.0	76.6
119	32.7	28.0	42.0





#68

1-Bromo-4-Fluorobenzene

Concen: 10.058 ppbv

RT: 14.58 min Scan# 3622

Delta R.T. -0.01 min

Lab File: VL032870.D

Acq: 1 Dec 2018 4:46

Instrument :

MSVOA_L

ClientSampleId :

DSV-06DL

Tot Ion: 95 Resp: 2415083

Ion Ratio Lower Upper

95 100

174 67.2 50.7 76.1

175 5.0 3.8 5.6

Manual Integrations

APPROVED

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12/3/2018 4:17:14 PM

