

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL101118\
 Data File : VL032620.D
 Acq On : 12 Oct 2018 1:27
 Operator : SY/AP
 Sample : J5370-03DL 40X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 Q3-SVI-100518DL

Manual Integrations
 APPROVED

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 10/12/2018 2:07:45 PM

Quant Time: Oct 12 03:32:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL092418AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Oct 08 2018
 QLast Update : Mon Oct 01 06:49:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.79	49	1326923	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.32	114	3024221	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.27	117	3139888	10.00	ppbv	-0.03

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.61	95	2256424	9.53	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.30%

Target Compounds						Ovalue
9) Propene	3.05	41	85110	1.778	ppbv	97
13) Ethanol	3.67	45	28834m	2.004	ppbv	
15) Acetone	3.92	43	1119810	9.614	ppbv	97
17) tert-Butyl alcohol	4.40	59	24194m	1.653	ppbv	
20) Methylene Chloride	4.43	84	43835	0.777	ppbv	95
34) 2-Butanone	5.35	43	495878	2.753	ppbv	97
36) Benzene	7.03	78	123252	0.504	ppbv #	91

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

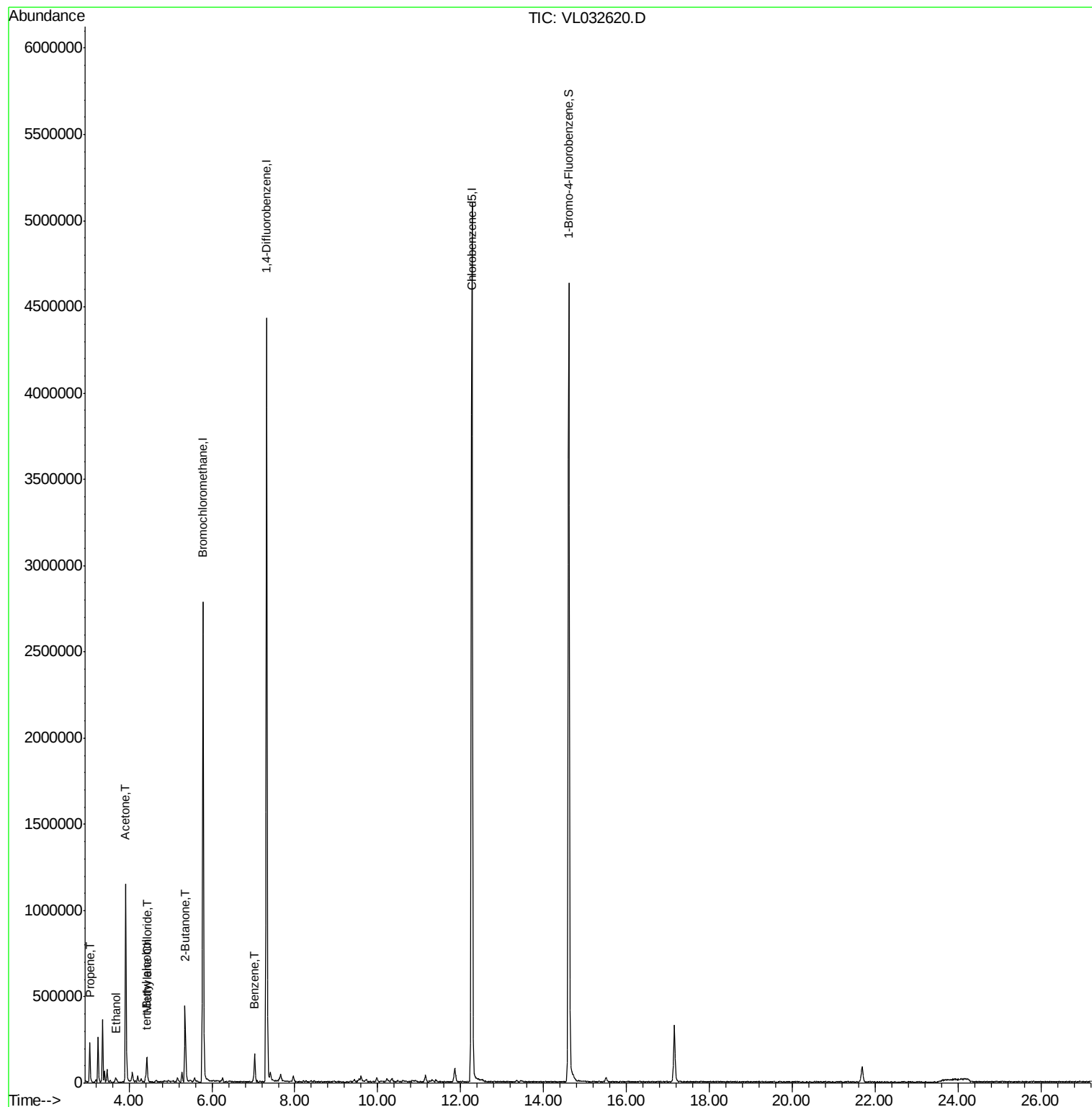
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL101118\
Data File : VL032620.D
Acq On : 12 Oct 2018 1:27
Operator : SY/AP
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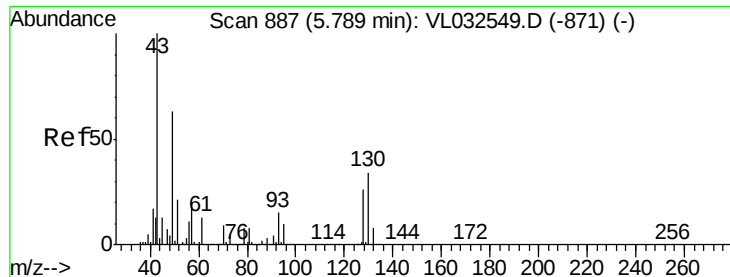
Instrument :
MSVOA_L
ClientSampleId :
Q3-SVI-100518DL

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Quant Time: Oct 12 03:32:28 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL092418AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Oct
QLast Update : Mon Oct 01 06:49:26 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.79 min Scan# 886

Delta R.T. -0.02 min

Lab File: VL032620.D

Acq: 12 Oct 2018 1:27

Instrument :

MSVOA_L

ClientSampleId :

Q3-SVI-100518DL

Tot Ion: 49 Resp: 1326923

Ion Ratio Lower Upper

49 100

128 45.0 20.7 62.1

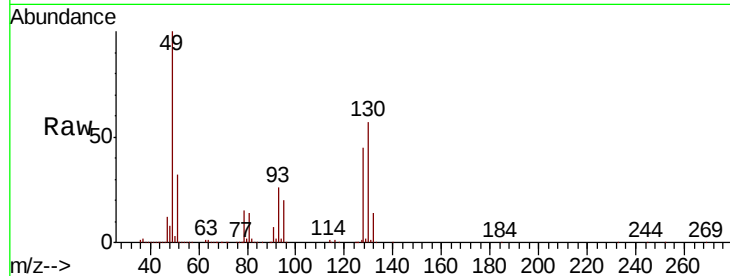
130 58.4 26.6 79.7

Manual Integrations

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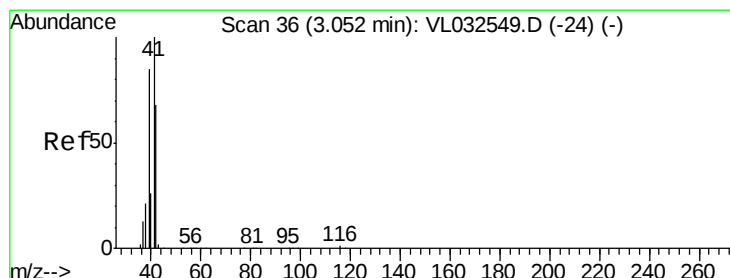
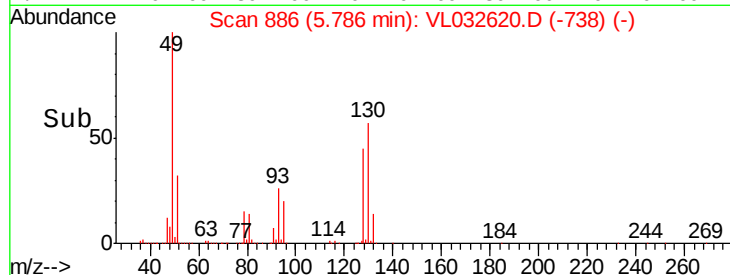
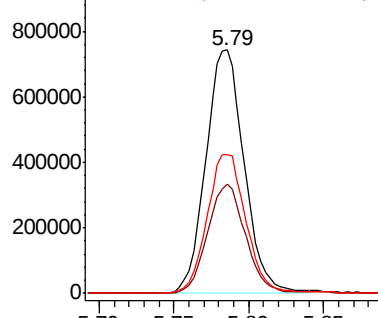
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#9

Propene

Concen: 1.778 ppbv

RT: 3.05 min Scan# 36

Delta R.T. -0.01 min

Lab File: VL032620.D

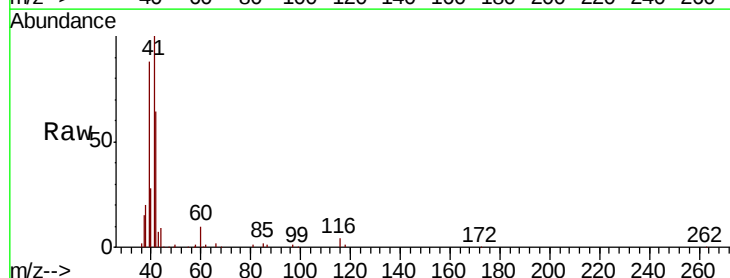
Acq: 12 Oct 2018 1:27

Tgt Ion: 41 Resp: 85110

Ion Ratio Lower Upper

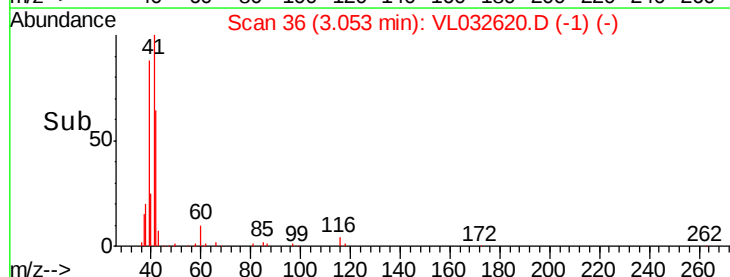
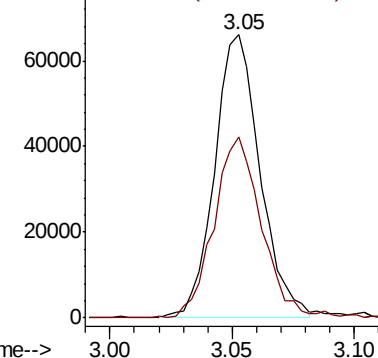
41 100

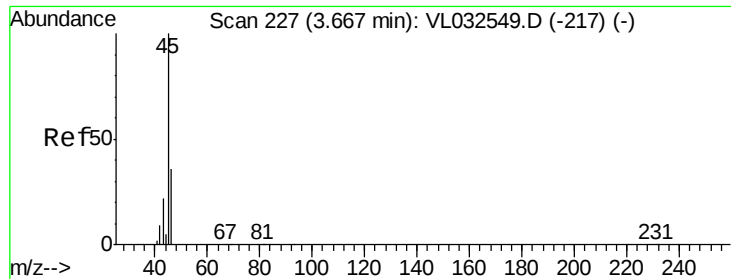
42 68.0 56.6 84.8



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





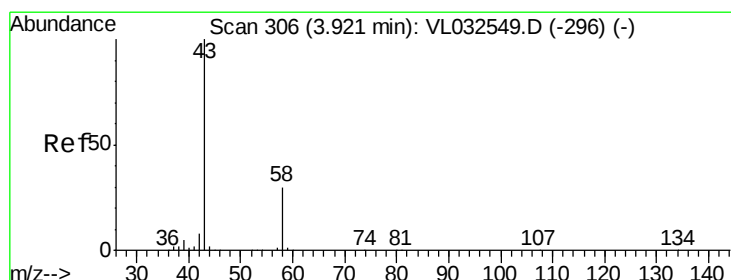
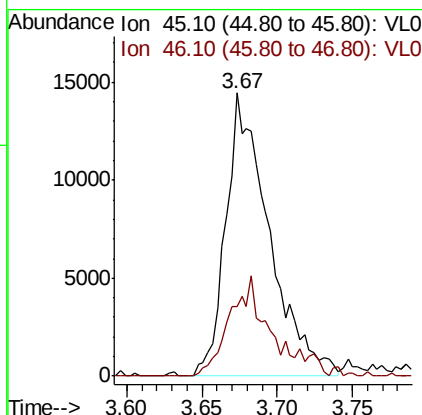
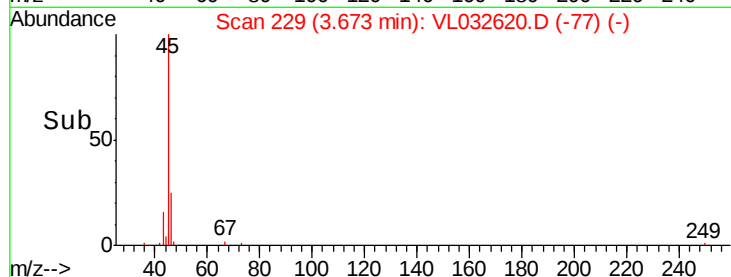
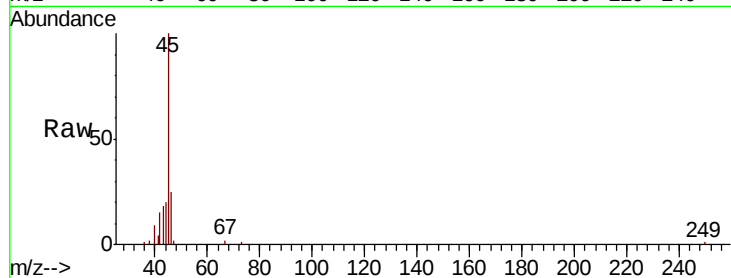
#13
Ethanol
Concen: 2.004 ppbv m
RT: 3.67 min Scan# 229
Delta R.T. -0.01 min
Lab File: VL032620.D
Acq: 12 Oct 2018 1:27

Instrument :
MSVOA_L
ClientSampleId :
Q3-SVI-100518DL

Tot Ion: 45 Resp: 28834
Ion Ratio Lower Upper
45 100
46 0.0 14.2 56.8#

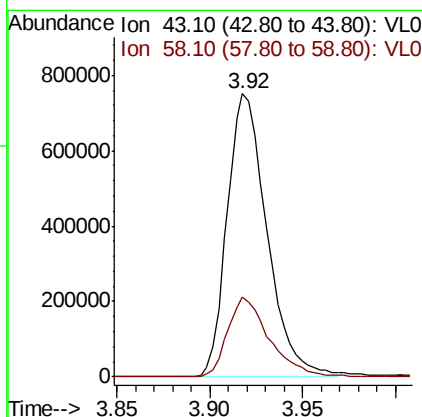
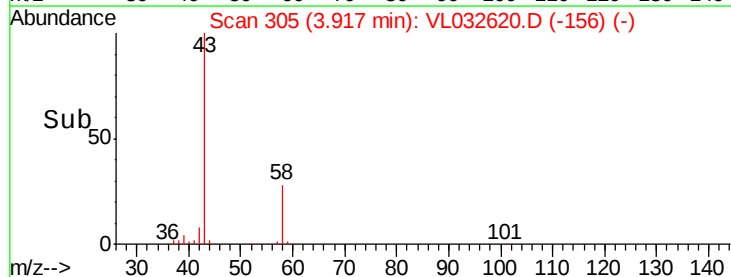
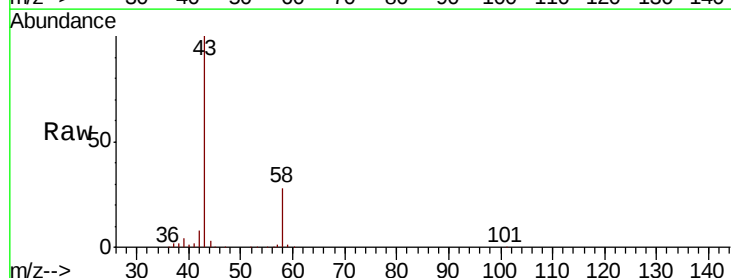
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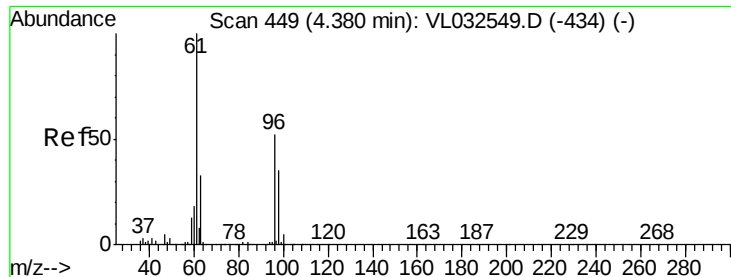
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#15
Acetone
Concen: 9.614 ppbv
RT: 3.92 min Scan# 305
Delta R.T. -0.02 min
Lab File: VL032620.D
Acq: 12 Oct 2018 1:27

Tgt Ion: 43 Resp: 1119810
Ion Ratio Lower Upper
43 100
58 29.8 22.6 33.8





#17

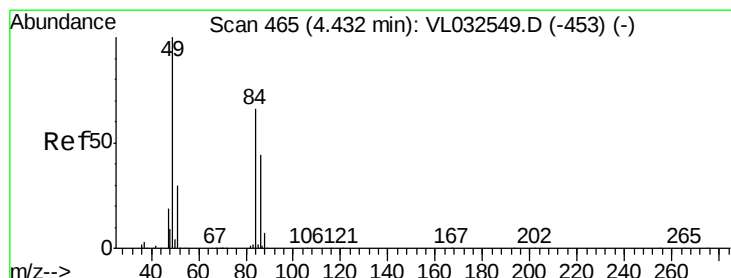
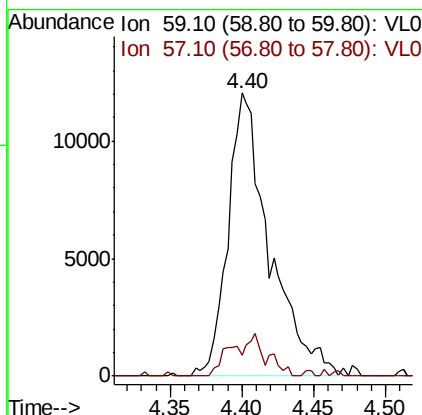
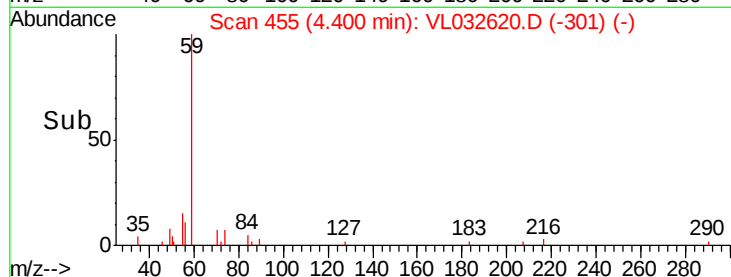
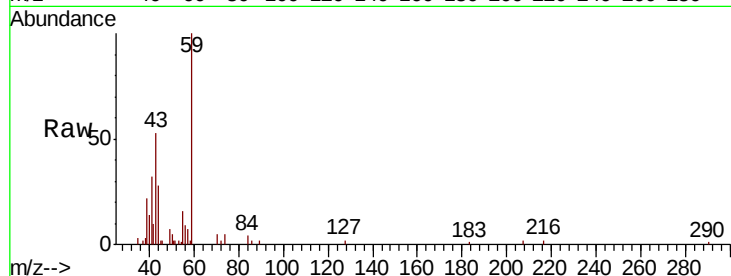
tert-Butyl alcohol
 Concen: 1.653 ppbv
 RT: 4.40 min Scan# 455
 Delta R.T. -0.01 min
 Lab File: VL032620.D
 Acq: 12 Oct 2018 1:27

Instrument :
 MSVOA_L
 ClientSampleID :
 Q3-SVI-100518DL

Tot Ion: 59 Resp: 24194
 Ion Ratio Lower Upper
 59 100
 57 12.5 0.0 0.0#

Manual Integrations
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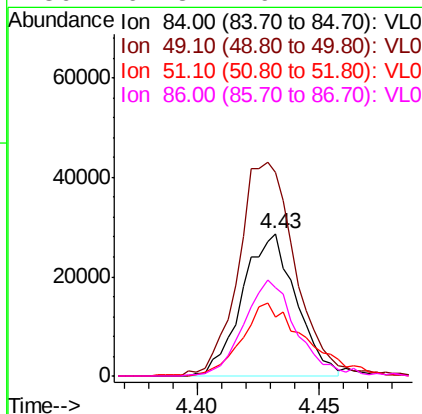
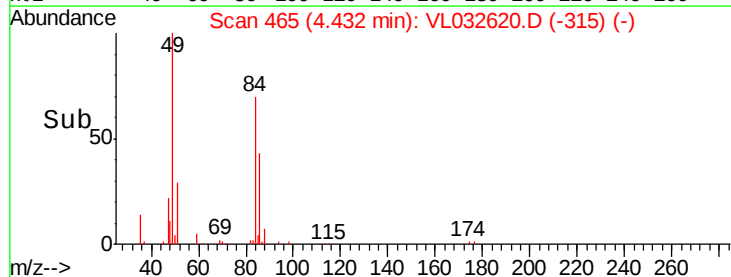
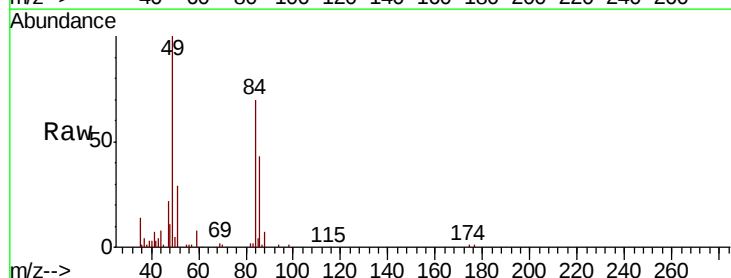
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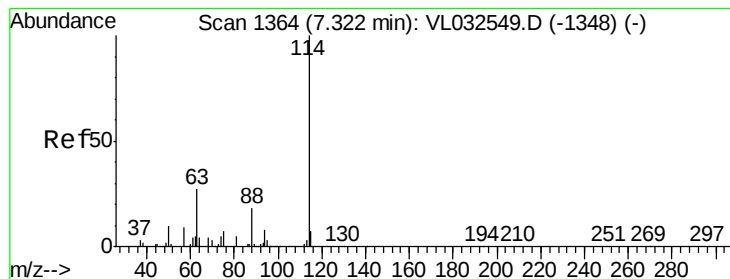


#20

Methylene Chloride
 Concen: 0.777 ppbv
 RT: 4.43 min Scan# 465
 Delta R.T. -0.02 min
 Lab File: VL032620.D
 Acq: 12 Oct 2018 1:27

Tgt Ion: 84 Resp: 43835
 Ion Ratio Lower Upper
 84 100
 49 139.9 119.1 178.7
 51 41.8 35.2 52.8
 86 61.3 49.4 74.2





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.32 min Scan# 1362

Delta R.T. -0.03 min

Lab File: VL032620.D

Acq: 12 Oct 2018 1:27

Instrument :

MSVOA_L

ClientSampleId :

Q3-SVI-100518DL

Tot Ion: 114 Resp: 3024221

Ion Ratio Lower Upper

114 100

63 27.1 22.2 33.4

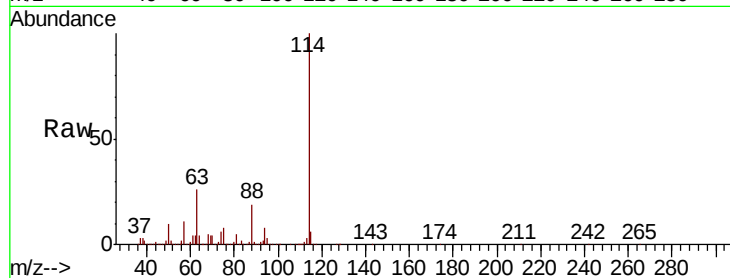
88 18.6 15.0 22.4

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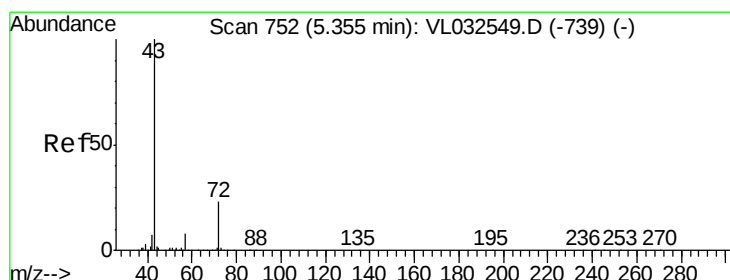
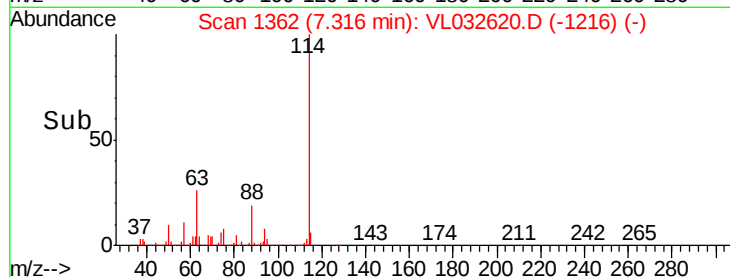
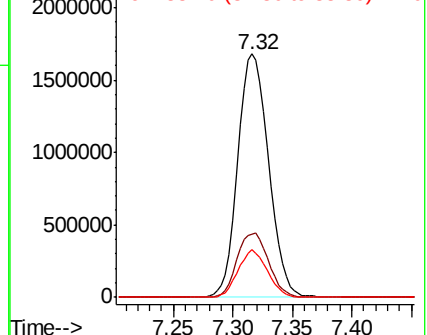
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Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0



#34

2-Butanone

Concen: 2.753 ppbv

RT: 5.35 min Scan# 751

Delta R.T. -0.02 min

Lab File: VL032620.D

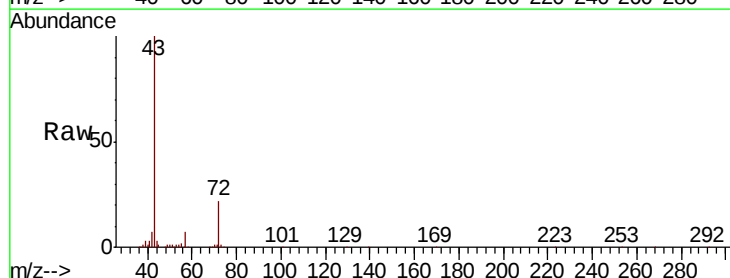
Acq: 12 Oct 2018 1:27

Tgt Ion: 43 Resp: 495878

Ion Ratio Lower Upper

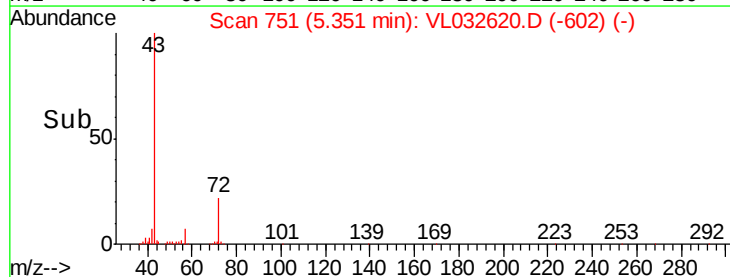
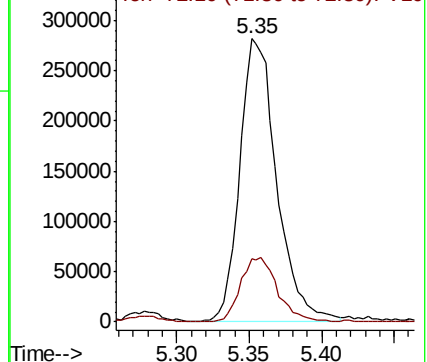
43 100

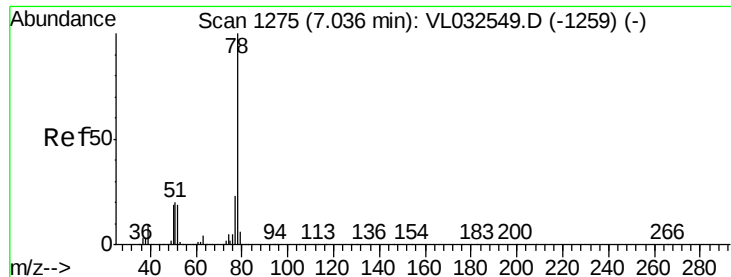
72 23.5 17.8 26.6



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 72.10 (71.80 to 72.80): VL0





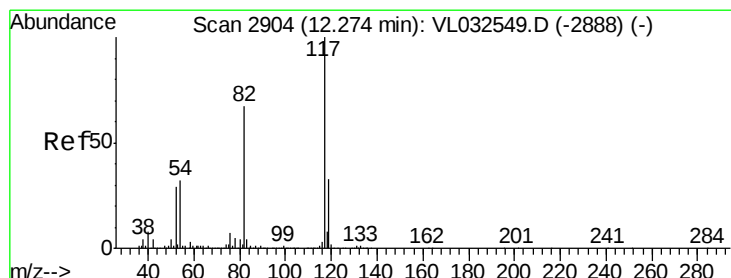
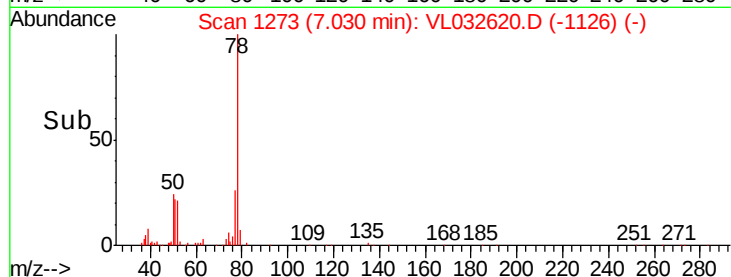
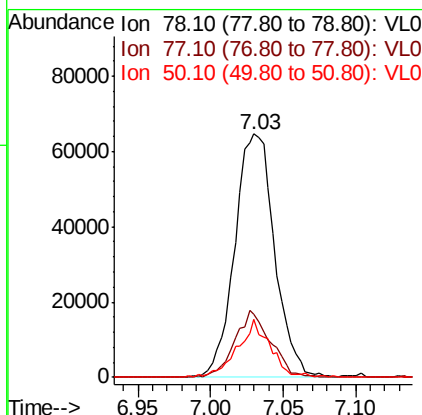
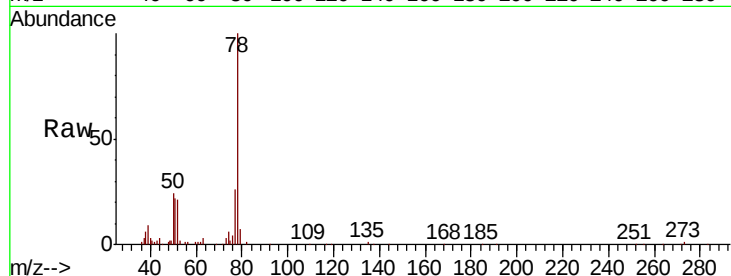
#36
Benzene
Concen: 0.504 ppbv
RT: 7.03 min Scan# 1273
Delta R.T. -0.03 min
Lab File: VL032620.D
Acq: 12 Oct 2018 1:27

Instrument :
MSVOA_L
ClientSampleId :
Q3-SVI-100518DL

Tot Ion	Ratio	Lower	Upper
78	100		
77	25.9	18.4	27.6
50	23.2	14.4	21.6

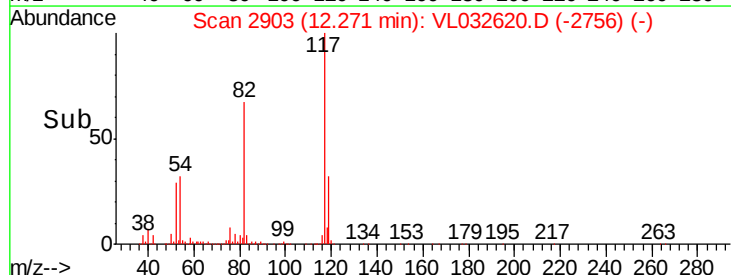
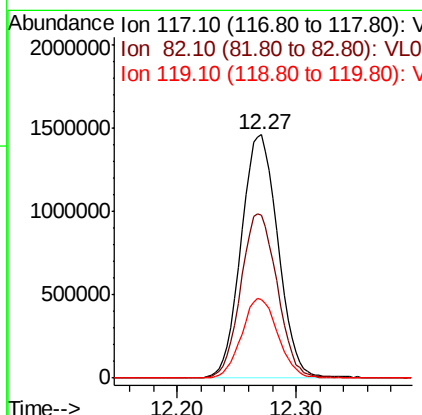
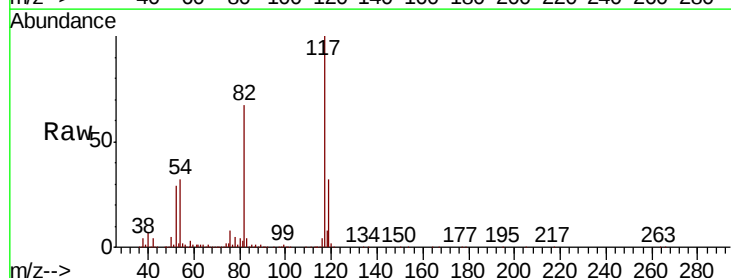
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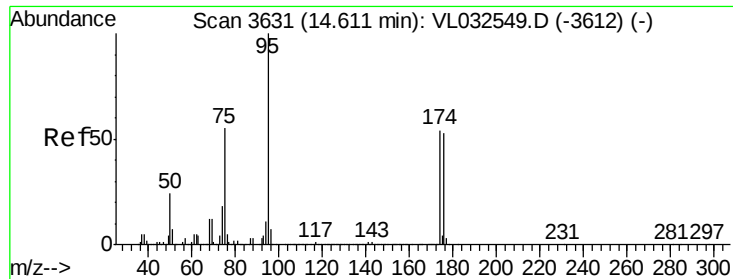
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#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.27 min Scan# 2903
Delta R.T. -0.03 min
Lab File: VL032620.D
Acq: 12 Oct 2018 1:27

Tgt Ion	Ratio	Lower	Upper
117	100		
82	67.5	53.0	79.6
119	32.4	45.9	68.9





#68

1-Bromo-4-Fluorobenzene

Concen: 9.529 ppbv

RT: 14.61 min Scan# 3629

Delta R.T. -0.03 min

Lab File: VL032620.D

Acq: 12 Oct 2018 1:27

Instrument :

MSVOA_L

ClientSampleId :

Q3-SVI-100518DL

Tot Ion: 95 Resp: 2256424

Ion Ratio Lower Upper

95 100

174 57.9 46.3 69.5

175 4.2 3.4 5.0

Manual Integrations

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