

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL101118\
 Data File : VL032611.D
 Acq On : 11 Oct 2018 19:25
 Operator : SY/AP
 Sample : J5370-05DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 AMBIENT-SVI-100518DL

Manual Integrations
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 10/12/2018 2:07:35 PM

Quant Time: Oct 12 02:29:22 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	1495161	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.32	114	3178752	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.27	117	3345387	10.00	ppbv	-0.03

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.61	95	2447181	9.70	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.05	41	42710	0.792	ppbv	98
13) Ethanol	3.68	45	27531m	1.698	ppbv	
15) Acetone	3.92	43	605826	4.616	ppbv	95
17) tert-Butyl alcohol	4.41	59	8924m	0.541	ppbv	
20) Methylene Chloride	4.43	84	17246	0.271	ppbv	96
26) Hexane	5.80	57	25429	0.177	ppbv #	48
34) 2-Butanone	5.36	43	340739	1.800	ppbv	98

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

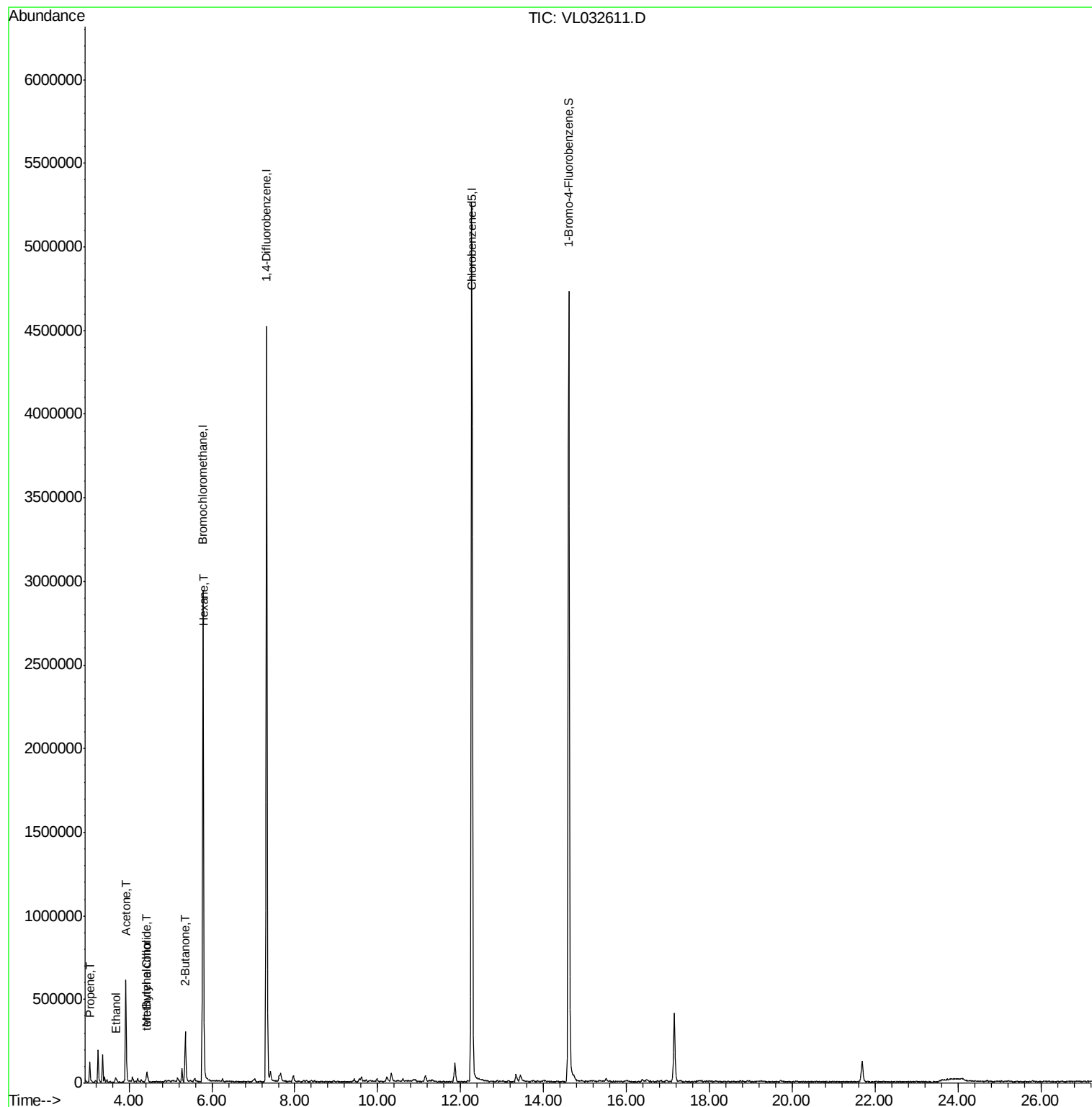
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL101118\
Data File : VL032611.D
Acq On : 11 Oct 2018 19:25
Operator : SY/AP
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Misc : 400ml/MSVOA L
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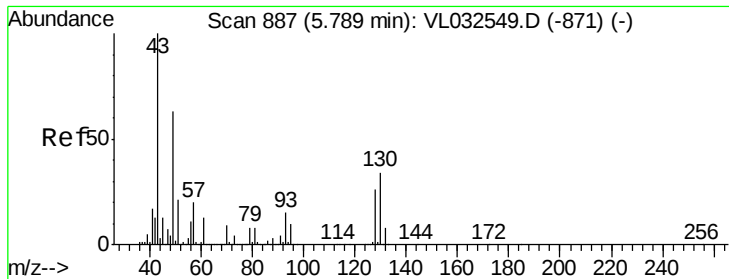
Instrument :
MSVOA_L
ClientSampleId :
AMBIENT-SVI-100518DL

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Quant Time: Oct 12 02:29:22 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: VL032611.D

Acq: 11 Oct 2018 19:25

Instrument :

MSVOA_L

ClientSampleId :

AMBIENT-SVI-100518DL

Tot Ion: 49 Resp: 1495161

Ion Ratio Lower Upper

49 100

128 43.0 20.7 62.1

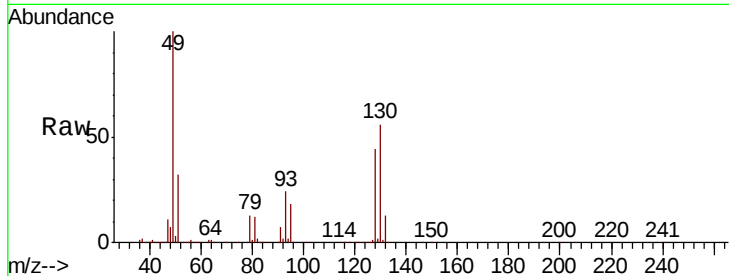
130 55.7 26.6 79.7

Manual Integrations

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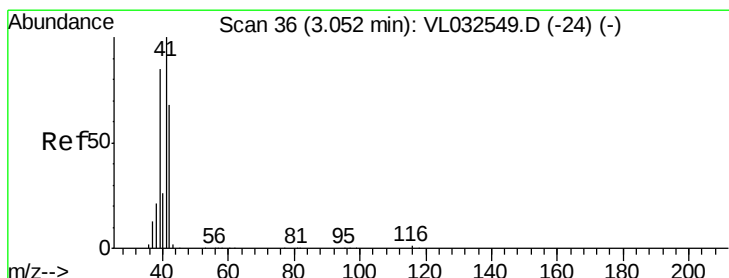
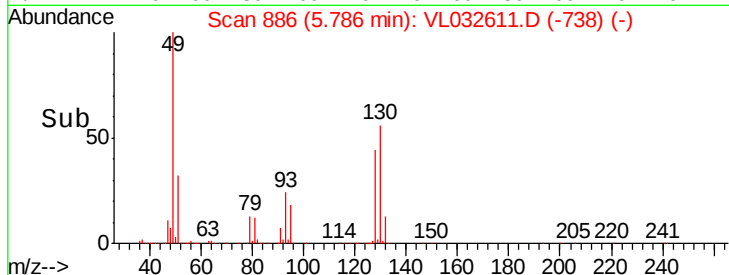
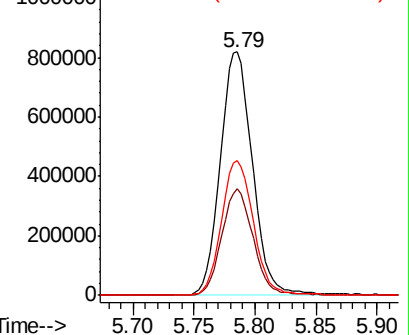
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#9

Propene

Concen: 0.792 ppbv

RT: 3.05 min Scan# 36

Delta R.T. -0.01 min

Lab File: VL032611.D

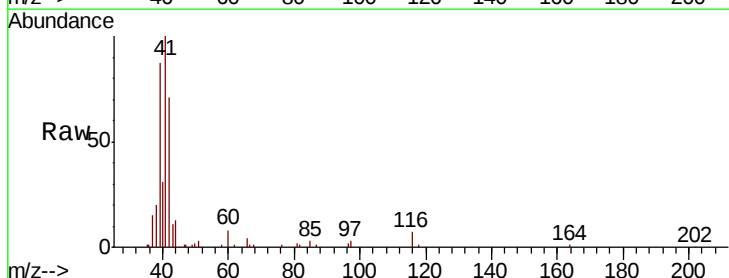
Acq: 11 Oct 2018 19:25

Tgt Ion: 41 Resp: 42710

Ion Ratio Lower Upper

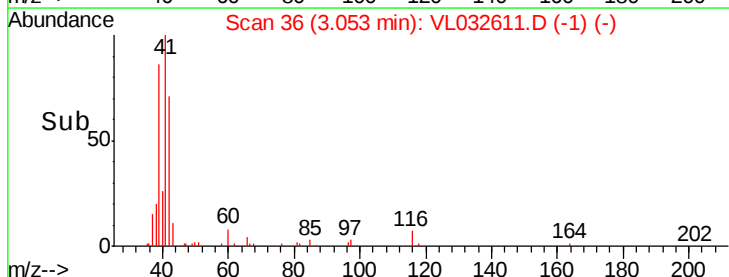
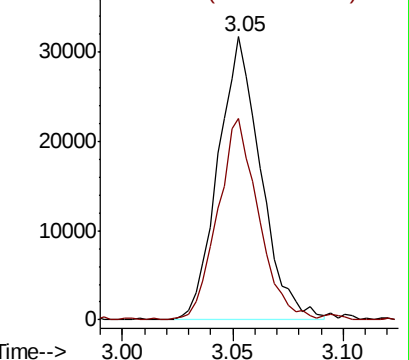
41 100

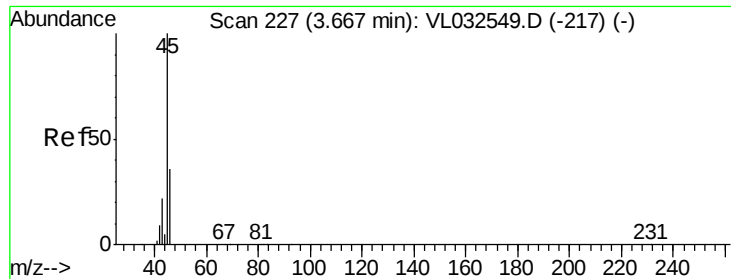
42 68.9 56.6 84.8



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





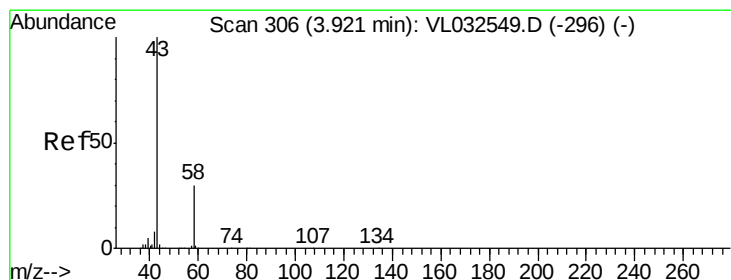
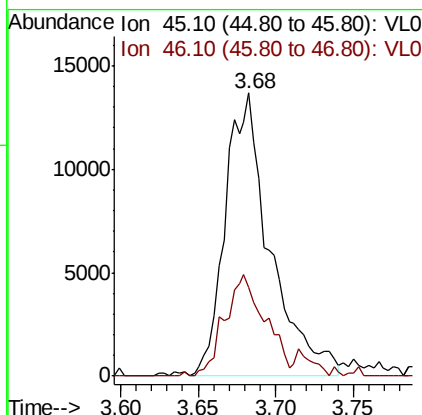
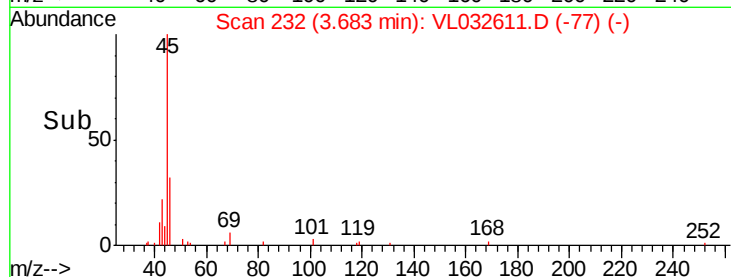
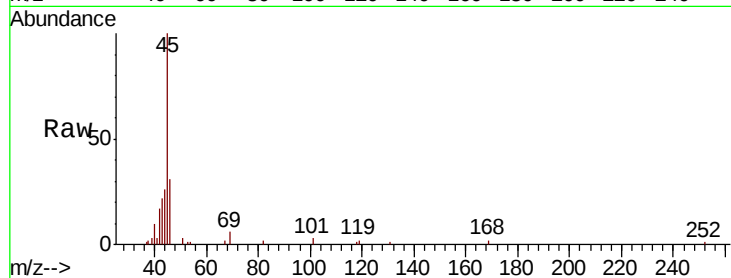
#13
Ethanol
Concen: 1.698 ppbv m
RT: 3.68 min Scan# 232
Delta R.T. -0.00 min
Lab File: VL032611.D
Acq: 11 Oct 2018 19:25

Instrument :
MSVOA_L
ClientSampleId :
AMBIENT-SVI-100518DL

Tot Ion: 45 Resp: 27531
Ion Ratio Lower Upper
45 100
46 0.0 14.2 56.8#

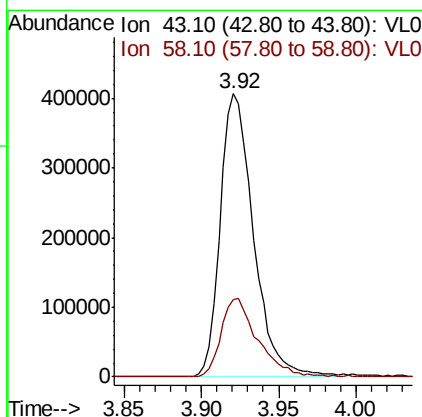
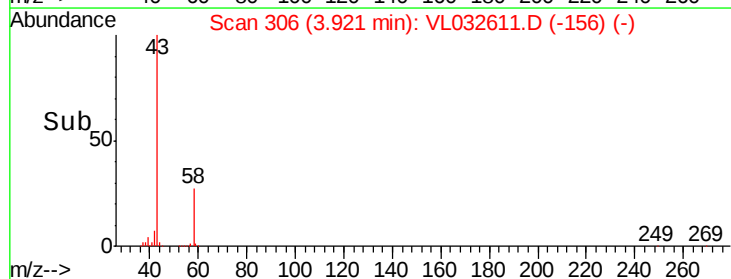
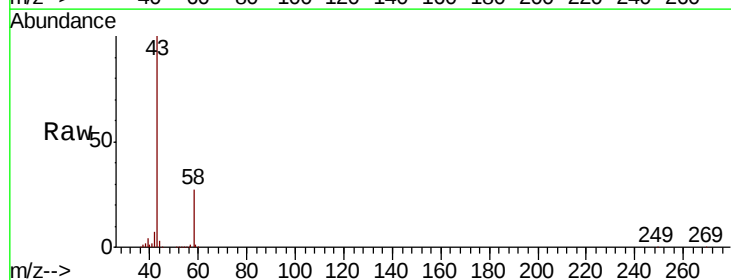
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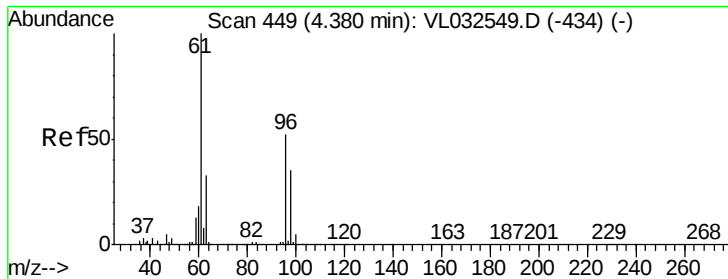
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#15
Acetone
Concen: 4.616 ppbv
RT: 3.92 min Scan# 306
Delta R.T. -0.02 min
Lab File: VL032611.D
Acq: 11 Oct 2018 19:25

Tgt Ion: 43 Resp: 605826
Ion Ratio Lower Upper
43 100
58 31.0 22.6 33.8





#17

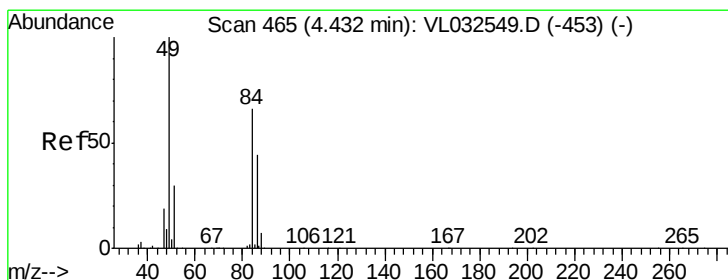
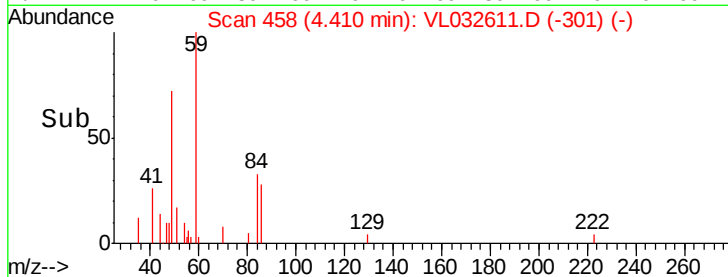
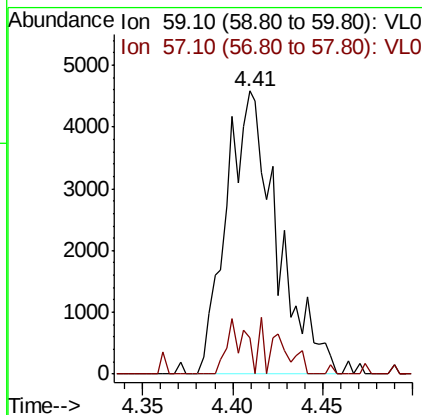
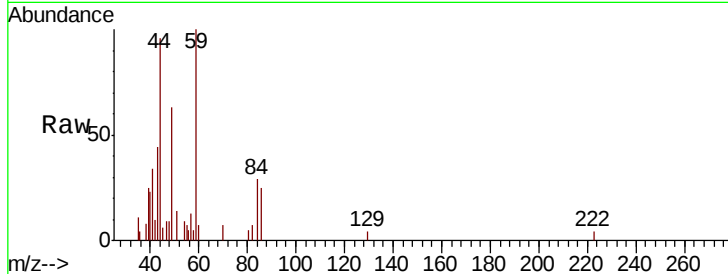
tert-Butyl alcohol
 Concen: 0.541 ppbv
 RT: 4.41 min Scan# 458
 Delta R.T. 0.00 min
 Lab File: VL032611.D
 Acq: 11 Oct 2018 19:25

Instrument :
 MSVOA_L
 ClientSampleID :
 AMBIENT-SVI-100518DL

Tot Ion	Ratio	Lower	Upper
59	100		
57	0.0	0.0	0.0

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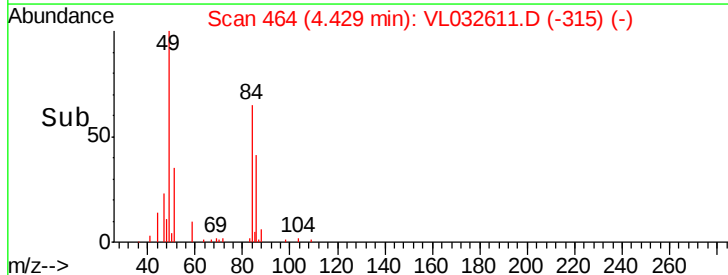
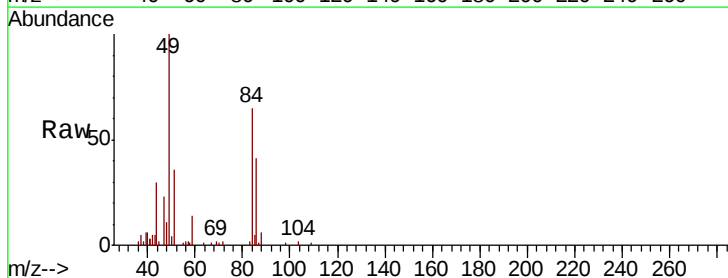
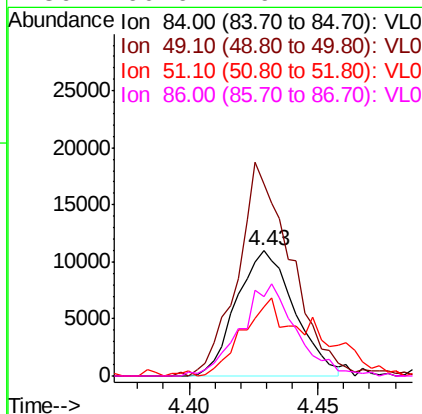
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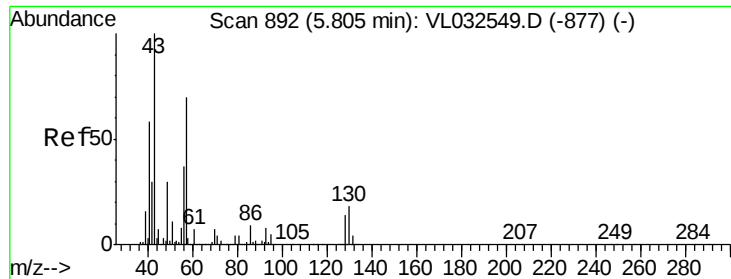


#20

Methylene Chloride
 Concen: 0.271 ppbv
 RT: 4.43 min Scan# 464
 Delta R.T. -0.02 min
 Lab File: VL032611.D
 Acq: 11 Oct 2018 19:25

Tgt Ion	Ratio	Lower	Upper
84	100		
49	153.3	119.1	178.7
51	51.3	35.2	52.8
86	60.6	49.4	74.2





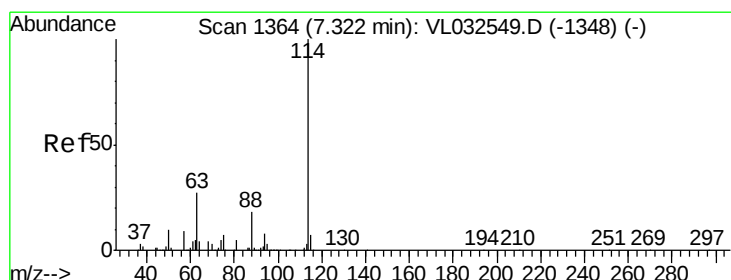
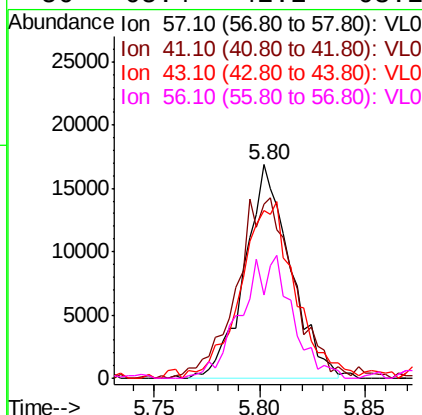
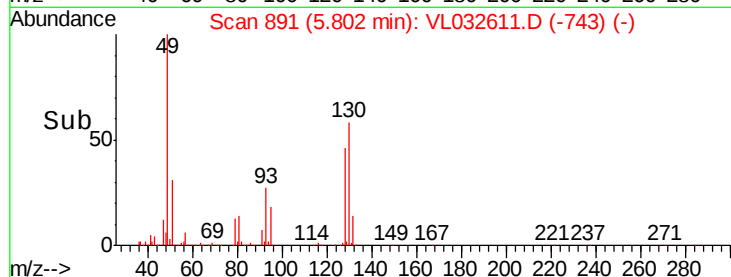
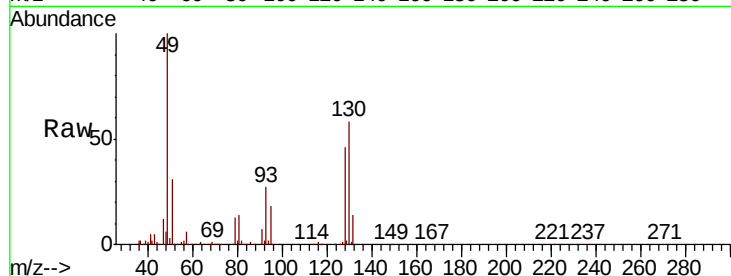
#26
Hexane
Concen: 0.177 ppbv
RT: 5.80 min Scan# 891
Delta R.T. -0.02 min
Lab File: VL032611.D
Acq: 11 Oct 2018 19:25

Instrument :
MSVOA_L
ClientSampleId :
AMBIENT-SVI-100518DL

Tot Ion	Ratio	Lower	Upper
57	100		
41	107.9	69.0	103.4#
43	101.4	172.1	258.1#
56	65.4	42.2	63.2#

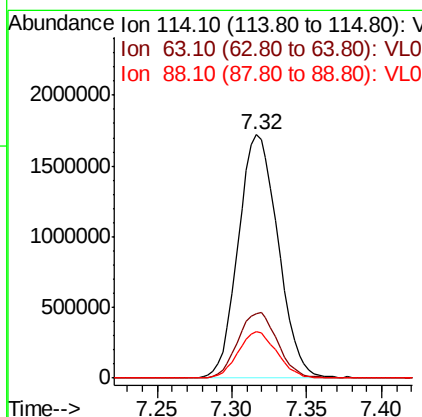
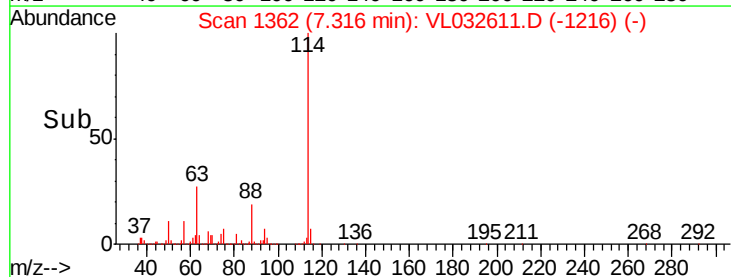
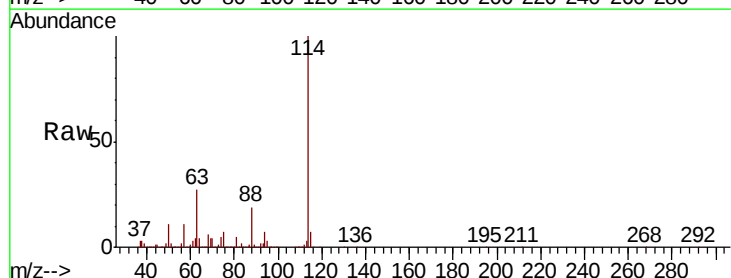
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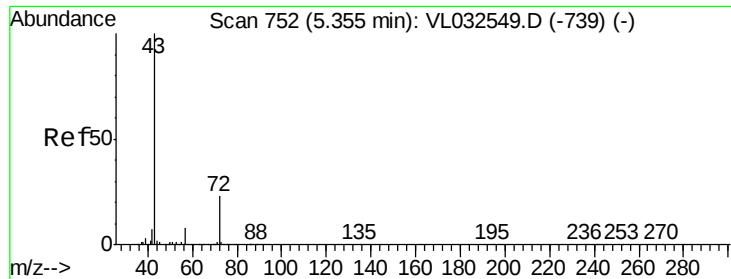
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.32 min Scan# 1362
Delta R.T. -0.03 min
Lab File: VL032611.D
Acq: 11 Oct 2018 19:25

Tgt Ion	Ratio	Lower	Upper
114	100		
63	27.0	22.2	33.4
88	18.6	15.0	22.4





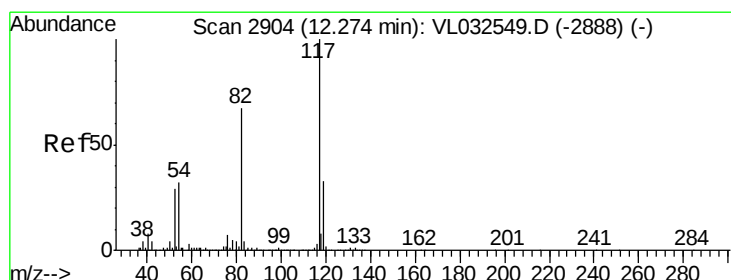
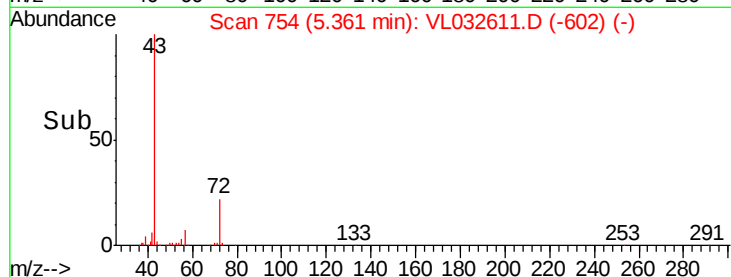
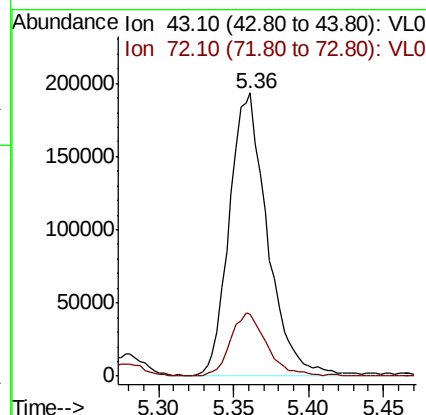
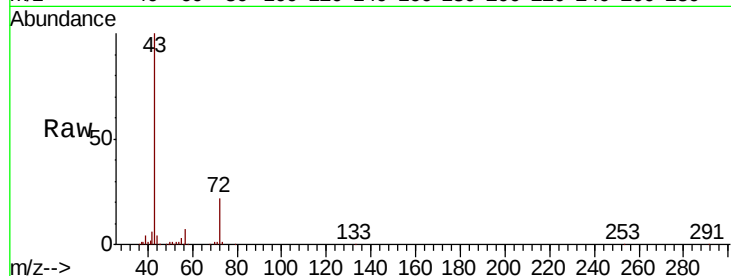
#34
2-Butanone
Concen: 1.800 ppbv
RT: 5.36 min Scan# 754
Delta R.T. -0.01 min
Lab File: VL032611.D
Acq: 11 Oct 2018 19:25

Instrument :
MSVOA_L
ClientSampleId :
AMBIENT-SVI-100518DL

Tot Ion: 43 Resp: 340739
Ion Ratio Lower Upper
43 100
72 21.1 17.8 26.6

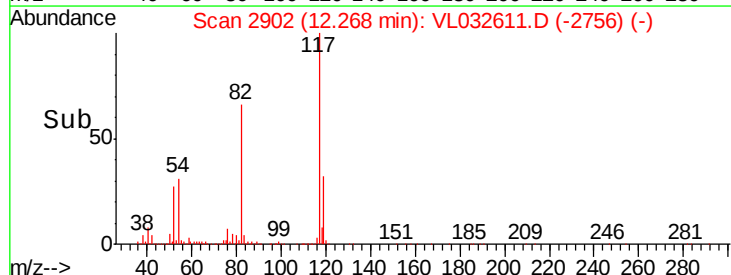
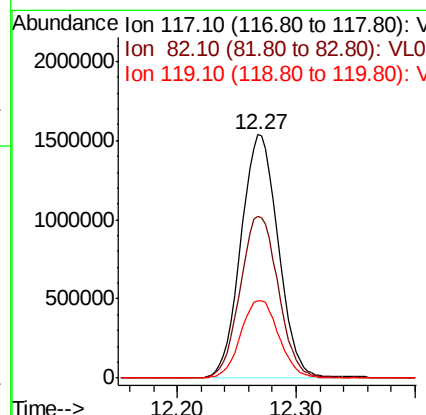
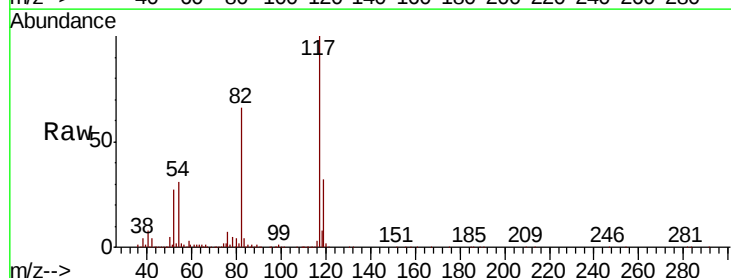
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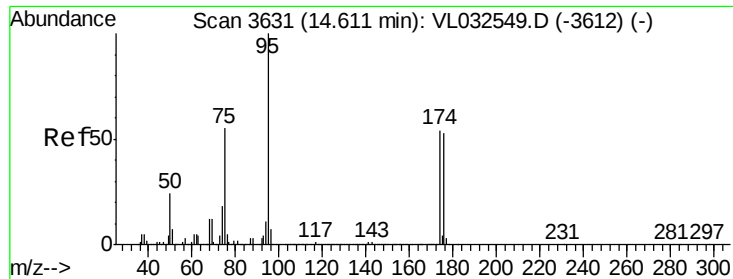
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#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.27 min Scan# 2902
Delta R.T. -0.03 min
Lab File: VL032611.D
Acq: 11 Oct 2018 19:25

Tgt Ion: 117 Resp: 3345387
Ion Ratio Lower Upper
117 100
82 68.5 53.0 79.6
119 32.8 45.9 68.9#





#68

1-Bromo-4-Fluorobenzene

Concen: 9.700 ppbv

RT: 14.61 min Scan# 3629

Delta R.T. -0.03 min

Lab File: VL032611.D

Acq: 11 Oct 2018 19:25

Instrument :

MSVOA_L

ClientSampleId :

AMBIENT-SVI-100518DL

Tot Ion: 95 Resp: 2447181

Ion Ratio Lower Upper

95 100

174 57.6 46.3 69.5

175 4.0 3.4 5.0

Manual Integrations

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