

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062918\
 Data File : VL032158.D
 Acq On : 30 Jun 2018 6:34
 Operator : SY/AP
 Sample : J3601-01DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OUTDOOR-1DL

Manual Integrations
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Quant Time: Jul 02 00:55:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL062918AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jun 29 22:27:58 2018
 QLast Update : Fri Jun 29 22:27:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.85	49	1754402	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.38	114	4426763	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.34	117	4017302	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.68	95	3101820	10.10	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.73	45	17091m	0.56	ppbv	
15) Acetone	3.98	43	92274	0.45	ppbv	95
20) Methylene Chloride	4.48	84	48510	0.65	ppbv	89
26) Hexane	5.86	57	54348m	0.28	ppbv	
53) Toluene	10.05	91	69535m	0.13	ppbv	

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

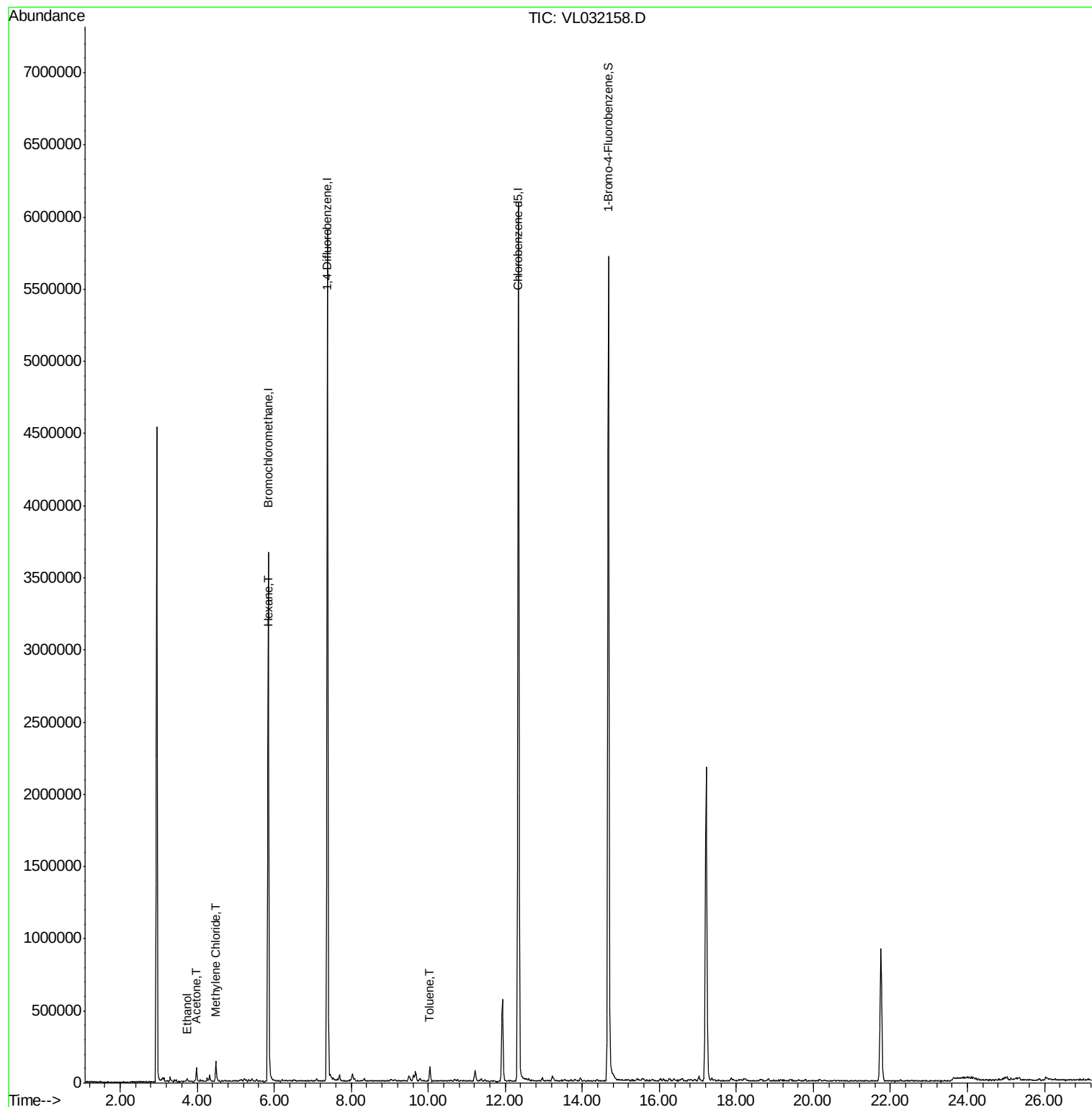
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL062918\
Data File : VL032158.D
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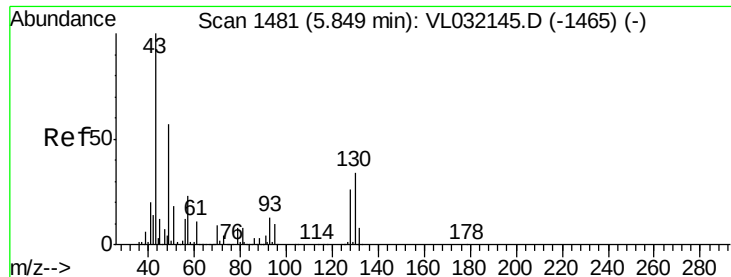
Instrument :
MSVOA_L
ClientSampleId :
OUTDOOR-1DL

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Quant Time: Jul 02 00:55:11 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL062918AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jun
QLast Update : Fri Jun 29 22:27:58 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.85 min Scan# 1480

Delta R.T. -0.02 min

Lab File: VL032158.D

Acq: 30 Jun 2018 6:34

Instrument :

MSVOA_L

ClientSampleId :

OUTDOOR-1DL

Tot Ion: 49 Resp: 1754402

Ion Ratio Lower Upper

49 100

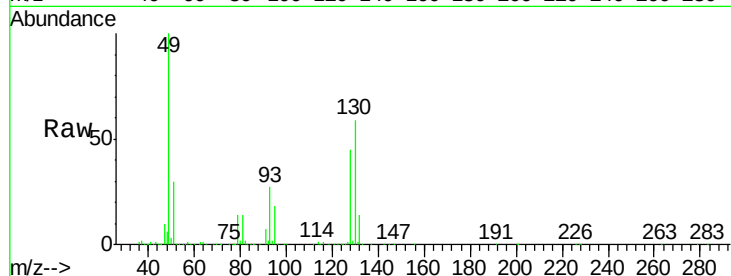
128 45.5 23.4 70.0

130 57.6 30.3 90.9

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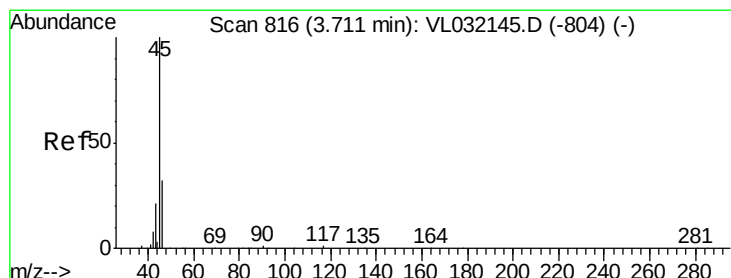
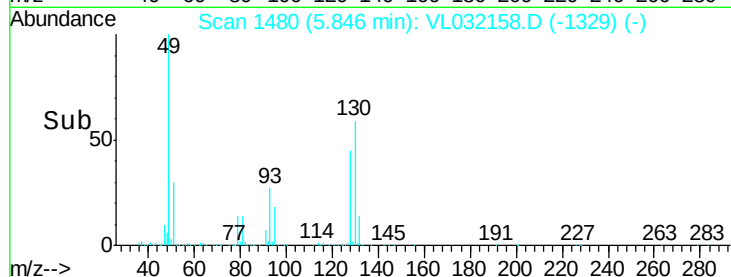
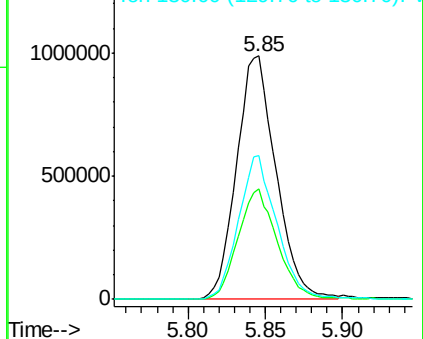
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#13

Ethanol

Concen: 0.56 ppbv m

RT: 3.73 min Scan# 823

Delta R.T. 0.01 min

Lab File: VL032158.D

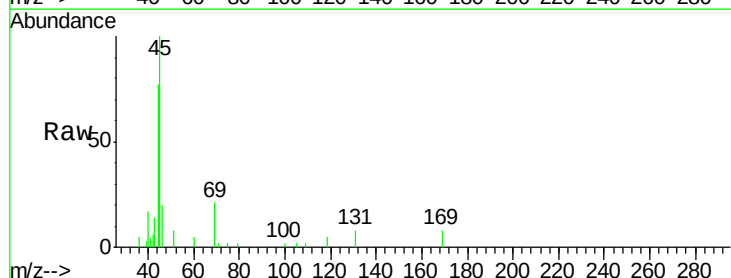
Acq: 30 Jun 2018 6:34

Tgt Ion: 45 Resp: 17091

Ion Ratio Lower Upper

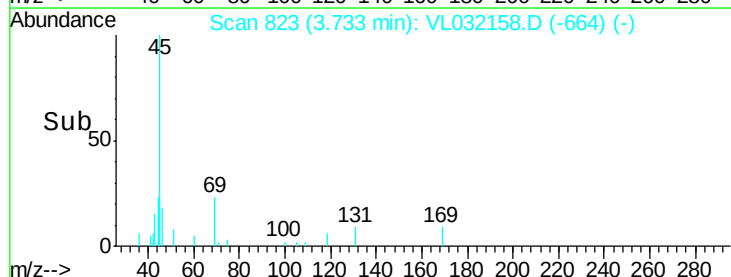
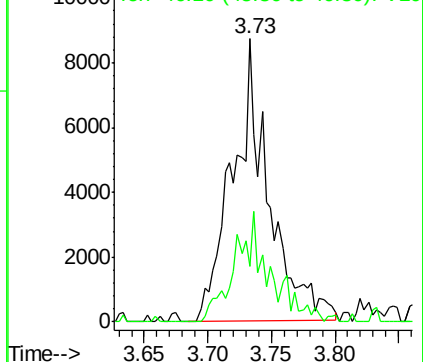
45 100

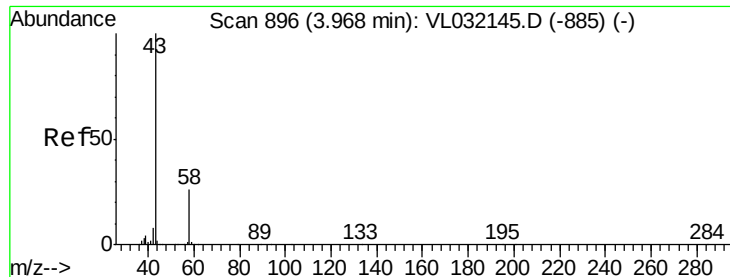
46 0.0 14.6 58.4#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





#15

Acetone

Concen: 0.45 ppbv

RT: 3.98 min Scan# 899

Delta R.T. 0.00 min

Lab File: VL032158.D

Acq: 30 Jun 2018 6:34

Instrument :

MSVOA_L

ClientSampleId :

OUTDOOR-1DL

Tot Ion: 43 Resp: 92274

Ion Ratio Lower Upper

43 100

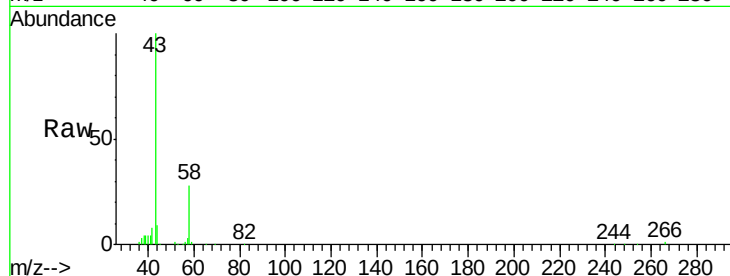
58 29.5 21.4 32.0

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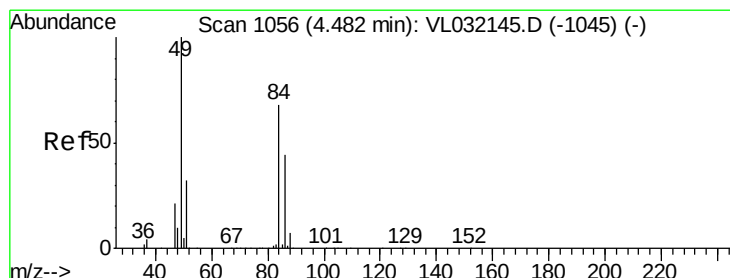
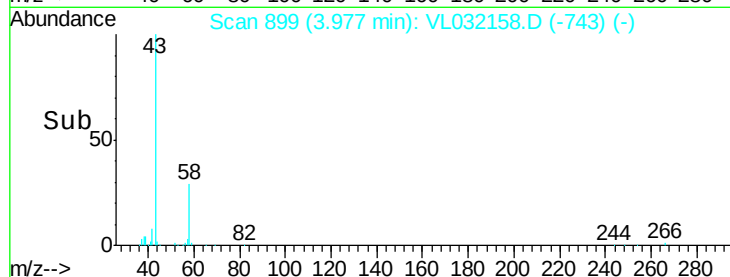
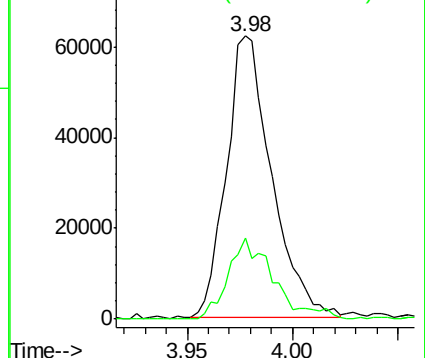
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Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#20

Methylene Chloride

Concen: 0.65 ppbv

RT: 4.48 min Scan# 1056

Delta R.T. -0.01 min

Lab File: VL032158.D

Acq: 30 Jun 2018 6:34

Tgt Ion: 84 Resp: 48510

Ion Ratio Lower Upper

84 100

49 134.7 119.6 179.4

51 39.6 36.3 54.5

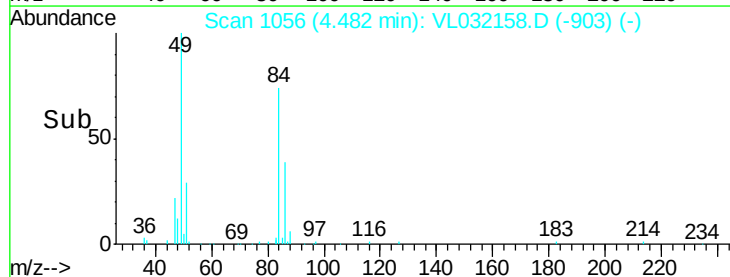
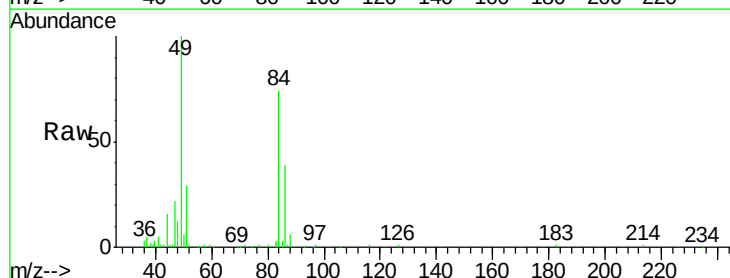
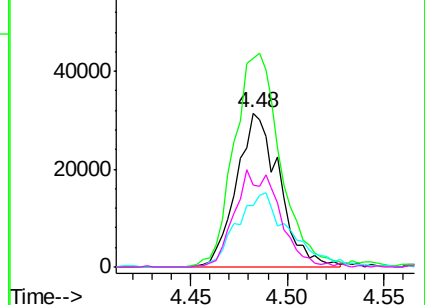
86 53.5 49.7 74.5

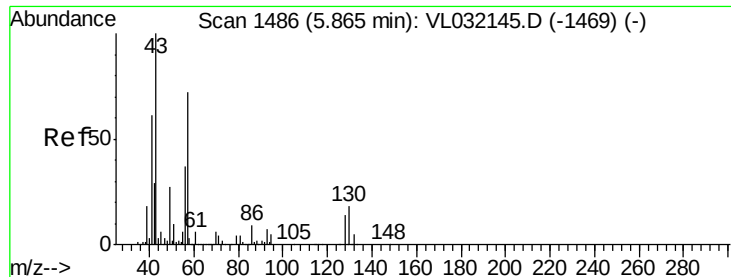
Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0





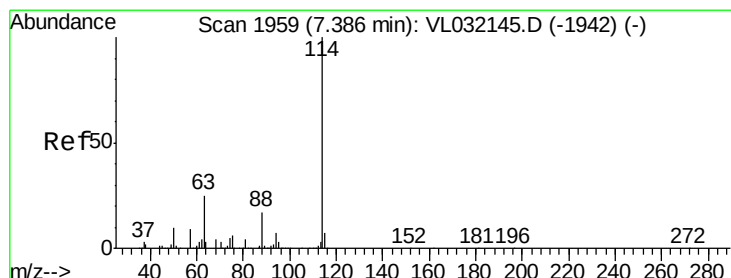
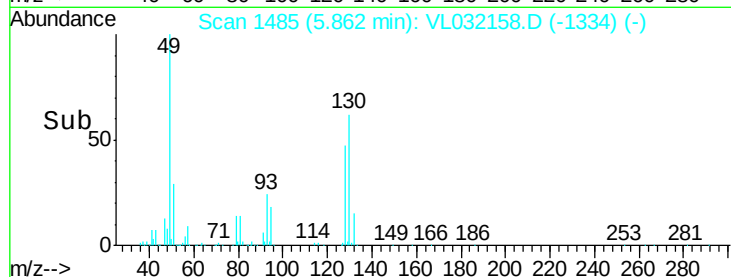
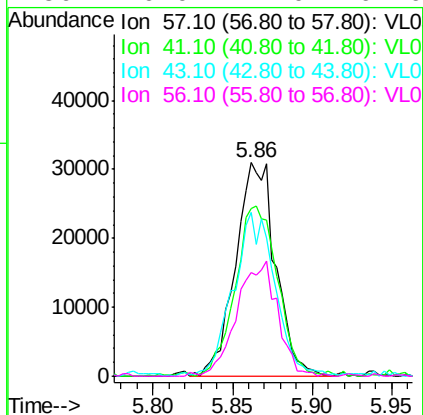
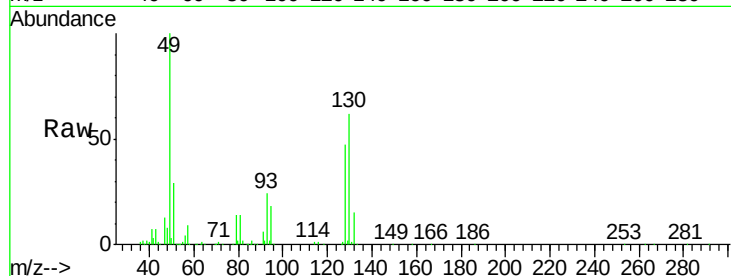
#26
Hexane
Concen: 0.28 ppbv m
RT: 5.86 min Scan# 1485
Delta R.T. -0.02 min
Lab File: VL032158.D
Acq: 30 Jun 2018 6:34

Instrument :
MSVOA_L
ClientSampleId :
OUTDOOR-1DL

Tot Ion	Ratio	Lower	Upper
57	100		
41	85.5	68.6	103.0
43	81.2	168.6	252.8#
56	0.0	41.0	61.6#

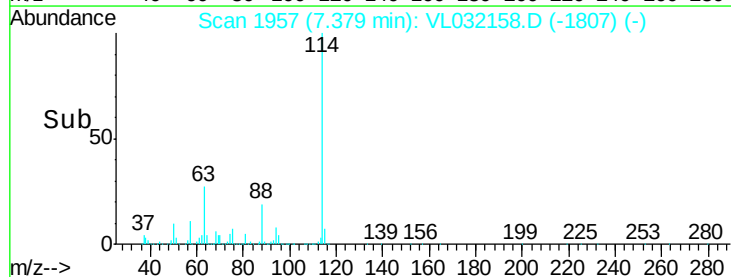
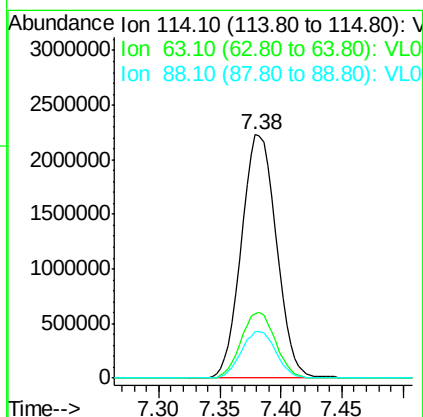
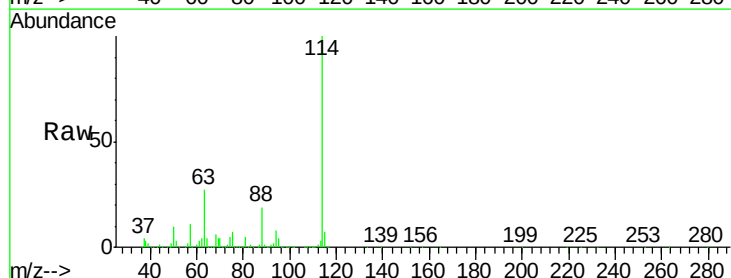
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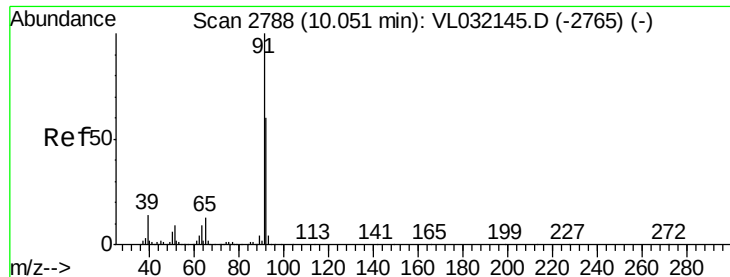
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#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.38 min Scan# 1957
Delta R.T. -0.02 min
Lab File: VL032158.D
Acq: 30 Jun 2018 6:34

Tgt Ion	Ratio	Lower	Upper
114	100		
63	26.6	19.1	28.7
88	18.9	13.9	20.9





#53

Toluene

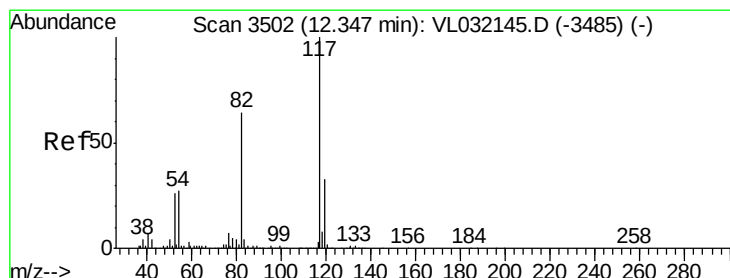
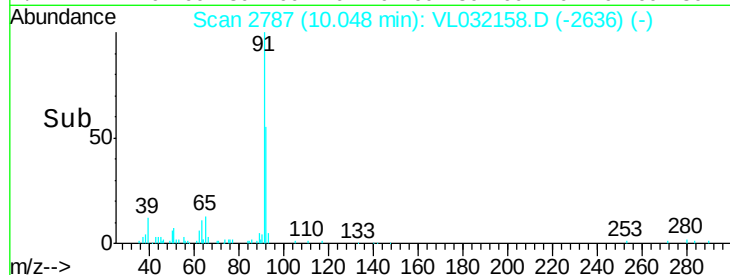
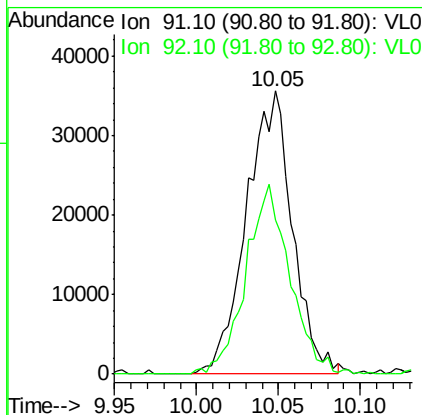
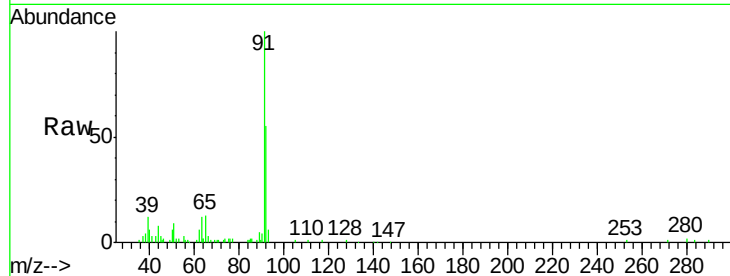
Concen: 0.13 ppbv m
RT: 10.05 min Scan# 2787
Delta R.T. -0.02 min
Lab File: VL032158.D
Acq: 30 Jun 2018 6:34

Instrument :
MSVOA_L
ClientSampleId :
OUTDOOR-1DL

Tot Ion: 91 Resp: 69535
Ion Ratio Lower Upper
91 100
92 0.0 49.2 73.8#

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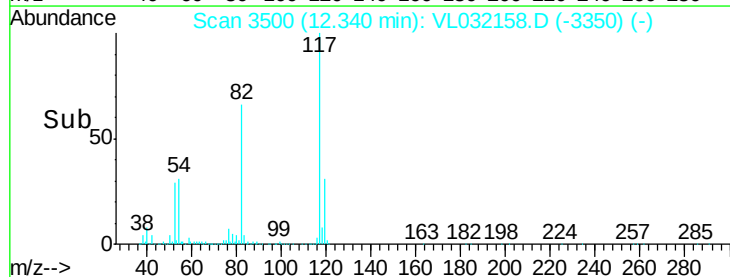
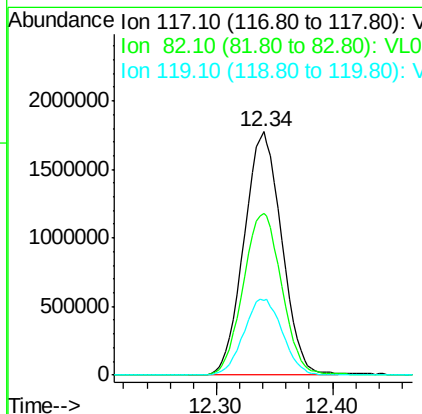
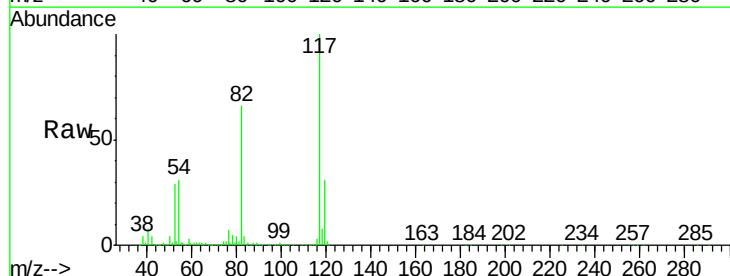


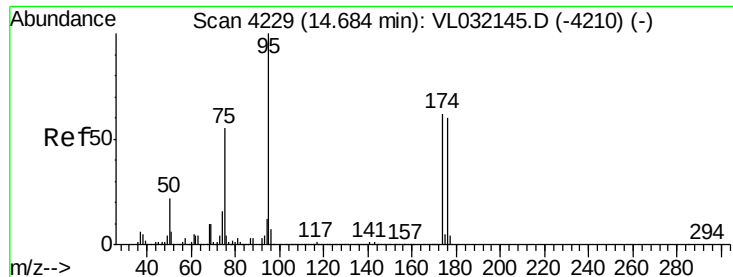
#55

Chlorobenzene-d5

Concen: 10.00 ppbv
RT: 12.34 min Scan# 3500
Delta R.T. -0.02 min
Lab File: VL032158.D
Acq: 30 Jun 2018 6:34

Tgt Ion: 117 Resp: 4017302
Ion Ratio Lower Upper
117 100
82 68.4 47.8 71.8
119 32.3 43.3 64.9#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.10 ppbv
 RT: 14.68 min Scan# 4227
 Delta R.T. -0.02 min
 Lab File: VL032158.D
 Acq: 30 Jun 2018 6:34

Instrument :
 MSVOA_L
 ClientSampleId :
 OUTDOOR-1DL

Tot Ion	Ratio	Lower	Upper
95	100		
174	58.0	52.1	78.1
175	4.3	4.0	6.0

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