

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL041218\
 Data File : VL031859.D
 Acq On : 12 Apr 2018 9:00
 Operator : SY/AP
 Sample : VL0412ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0412ABL01

Manual Integrations
 APPROVED

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 4/15/2018 3:06:29 PM

Quant Time: Apr 14 01:48:20 2018
 Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL041218AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Apr 13 16:50:02 2018
 QLast Update : Fri Apr 13 16:50:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.89	49	1285522	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.42	114	2677357	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.39	117	2662851	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.73	95	2148111	10.03	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
20) Methylene Chloride	4.52	84	11167m	0.155	ppbv	

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

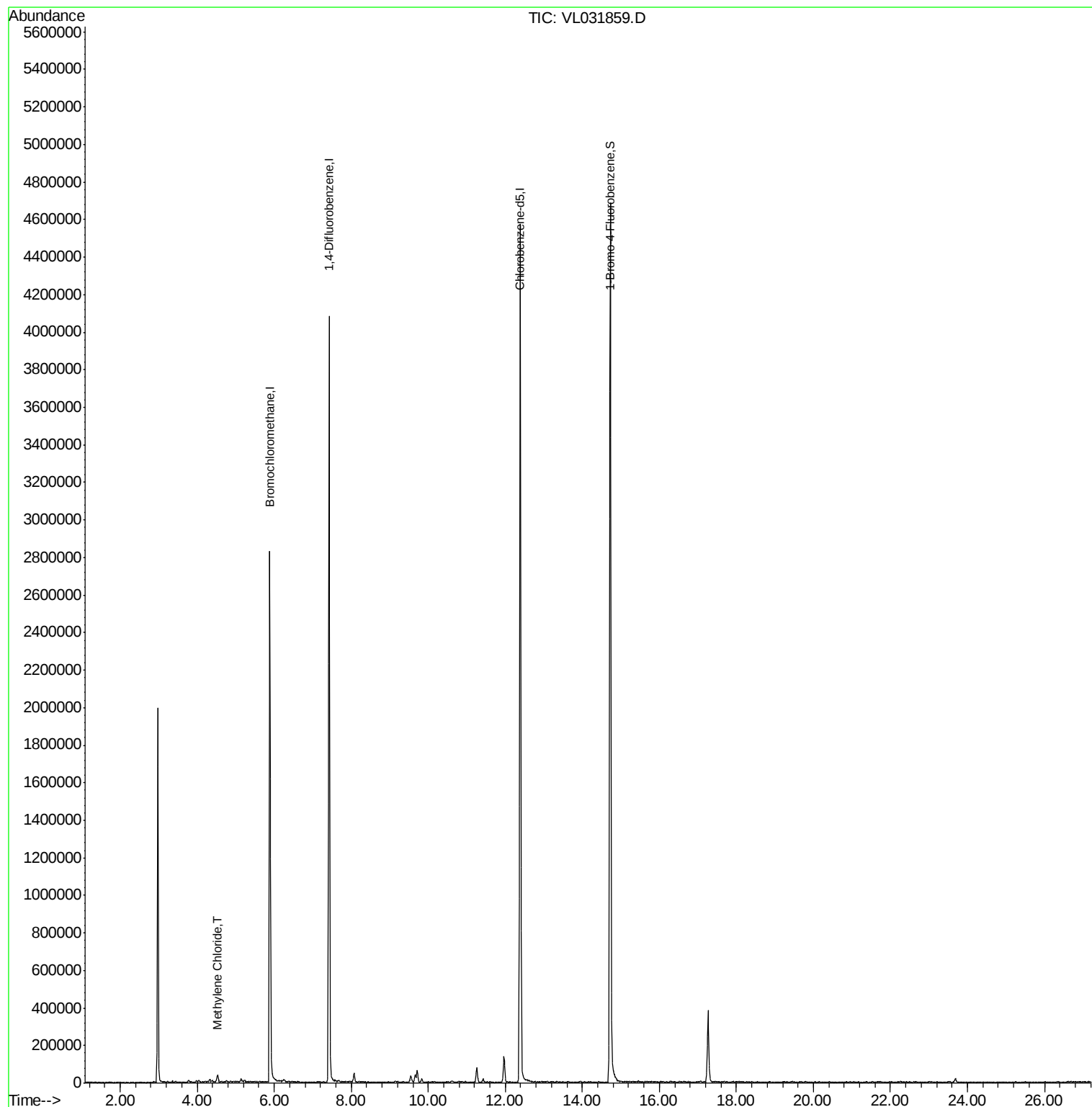
Data Path : W:\HPCHEM1\MSVOA L\DATA\VL041218\
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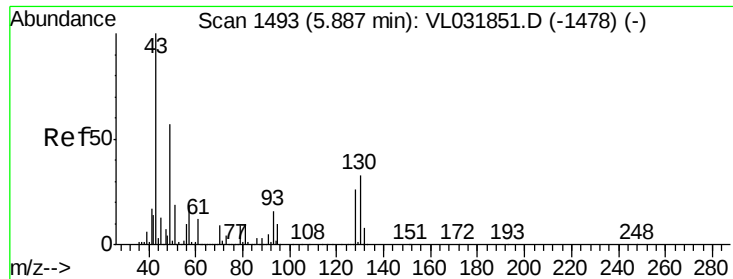
Instrument :
MSVOA_L
ClientSampleId :
VL0412ABL01

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Quant Time: Apr 14 01:48:20 2018
Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL041218AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Apr
QLast Update : Fri Apr 13 16:50:02 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.89 min Scan# 1493

Delta R.T. -0.00 min

Lab File: VL031859.D

Acq: 12 Apr 2018 9:00

Instrument :

MSVOA_L

ClientSampleId :

VL0412ABL01

Tot Ion: 49 Resp: 1285522

Ion Ratio Lower Upper

49 100

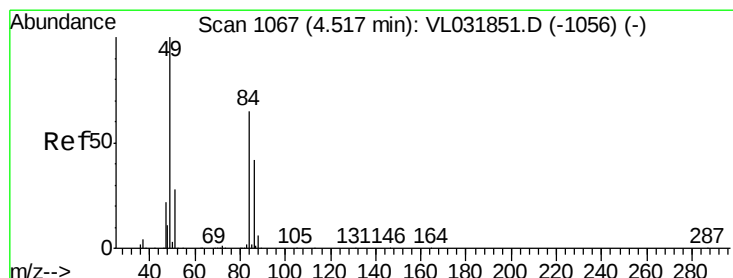
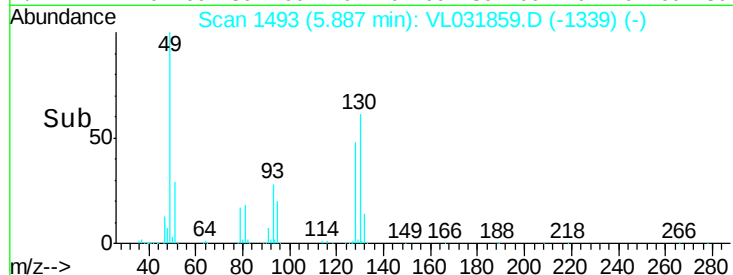
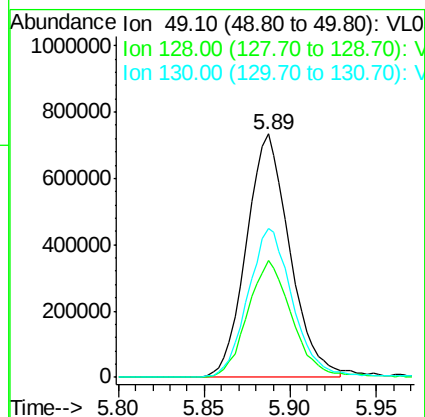
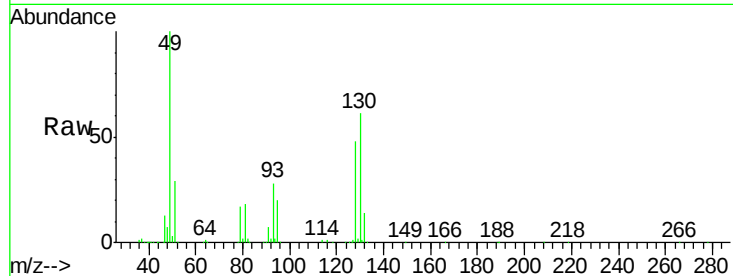
128 49.7 23.9 71.7

130 64.1 30.9 92.7

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#20

Methylene Chloride

Concen: 0.155 ppbv m

RT: 4.52 min Scan# 1068

Delta R.T. -0.00 min

Lab File: VL031859.D

Acq: 12 Apr 2018 9:00

Tgt Ion: 84 Resp: 11167

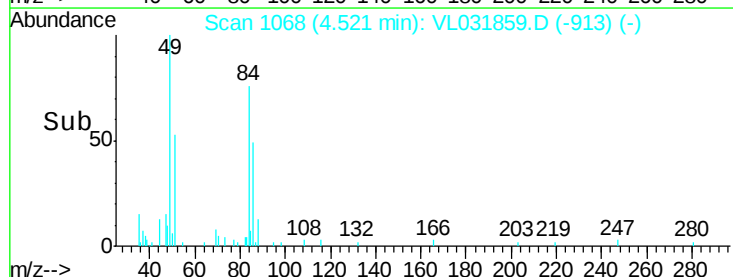
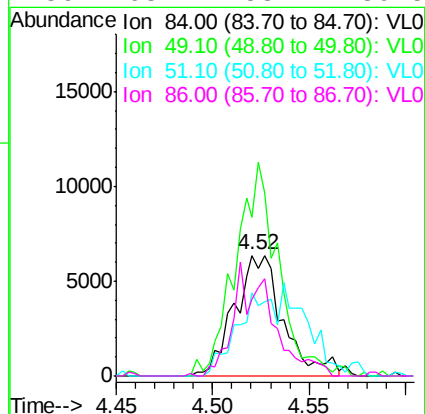
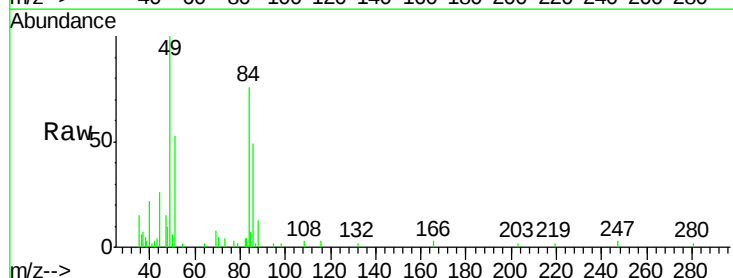
Ion Ratio Lower Upper

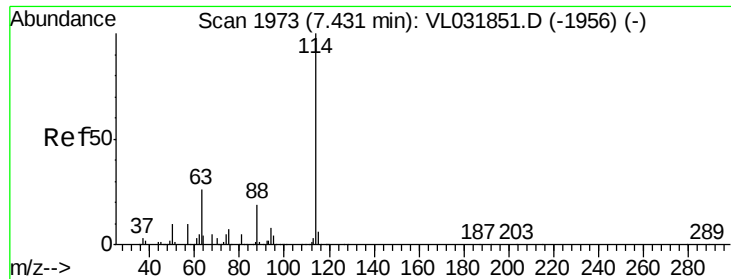
84 100

49 130.9 125.6 188.4

51 69.3 36.4 54.6#

86 63.7 53.7 80.5





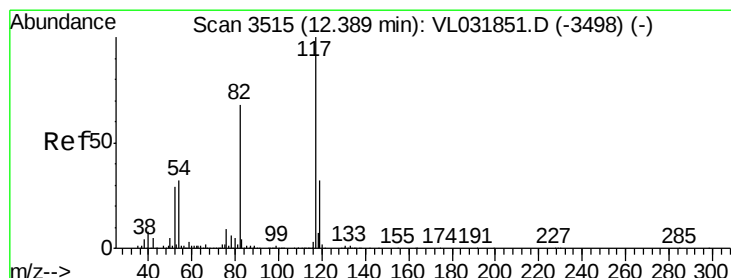
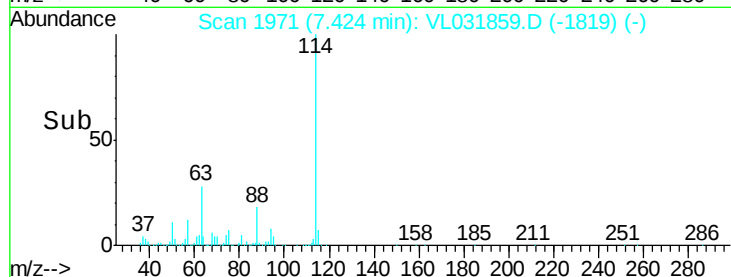
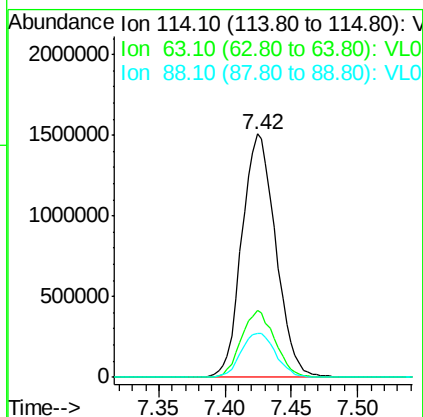
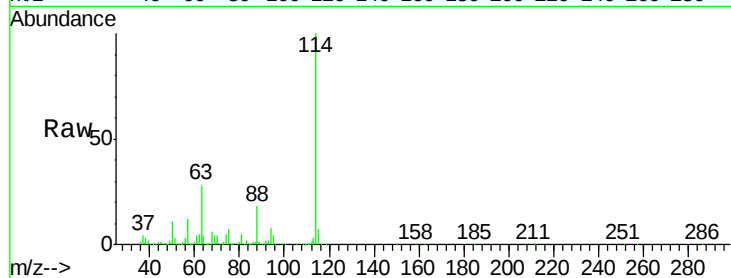
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.42 min Scan# 1971
 Delta R.T. -0.01 min
 Lab File: VL031859.D
 Acq: 12 Apr 2018 9:00

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0412ABL01

Tot Ion	Ratio	Lower	Upper
114	100		
63	27.4	21.8	32.6
88	18.7	14.6	22.0

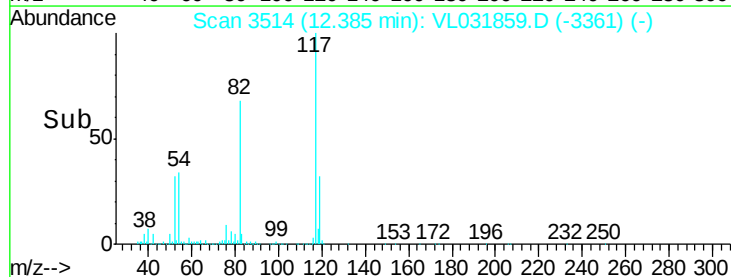
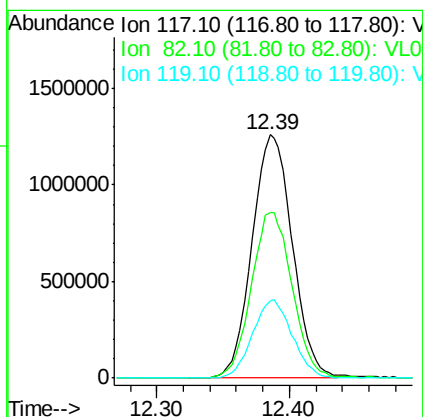
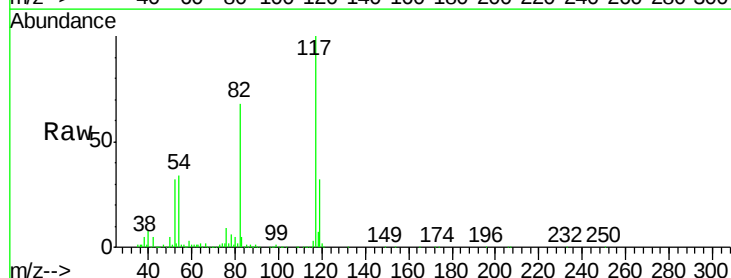
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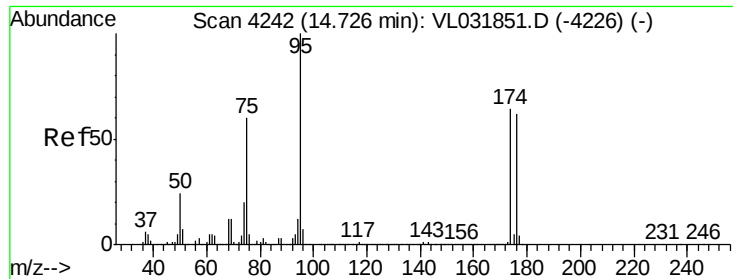
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#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.39 min Scan# 3514
 Delta R.T. -0.01 min
 Lab File: VL031859.D
 Acq: 12 Apr 2018 9:00

Tgt Ion	Ratio	Lower	Upper
117	100		
82	69.6	54.6	81.8
119	32.0	26.0	39.0





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.032 ppbv
 RT: 14.73 min Scan# 4242
 Delta R.T. -0.00 min
 Lab File: VL031859.D
 Acq: 12 Apr 2018 9:00

Instrument :
 MSVOA_L
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 VL0412ABL01

Tot Ion	Ratio	Lower	Upper
95	100		
174	65.1	52.3	78.5
175	4.8	3.9	5.9

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