

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL010816\
 Data File : VL026658.D
 Acq On : 9 Jan 2016 3:16
 Operator : SY/AP
 Sample : G4825-01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 AIR-LOD

Manual Integrations
 APPROVED

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 1/14/2016 10:51:13 AM

Quant Time: Jan 12 03:53:57 2016
 Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL010816AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Jan 18 2016
 QLast Update : Mon Jan 11 17:14:02 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	6.63	49	731888	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	8.31	114	2288818	10.00	ppbv	0.00
55) Chlorobenzene-d5	13.72	117	3035402	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	16.26	95	2521006	10.42	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	4.34	45	3128m	0.47	ppbv	
40) 1,4-Dioxane	9.17	88	4313	0.23	ppbv #	1

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

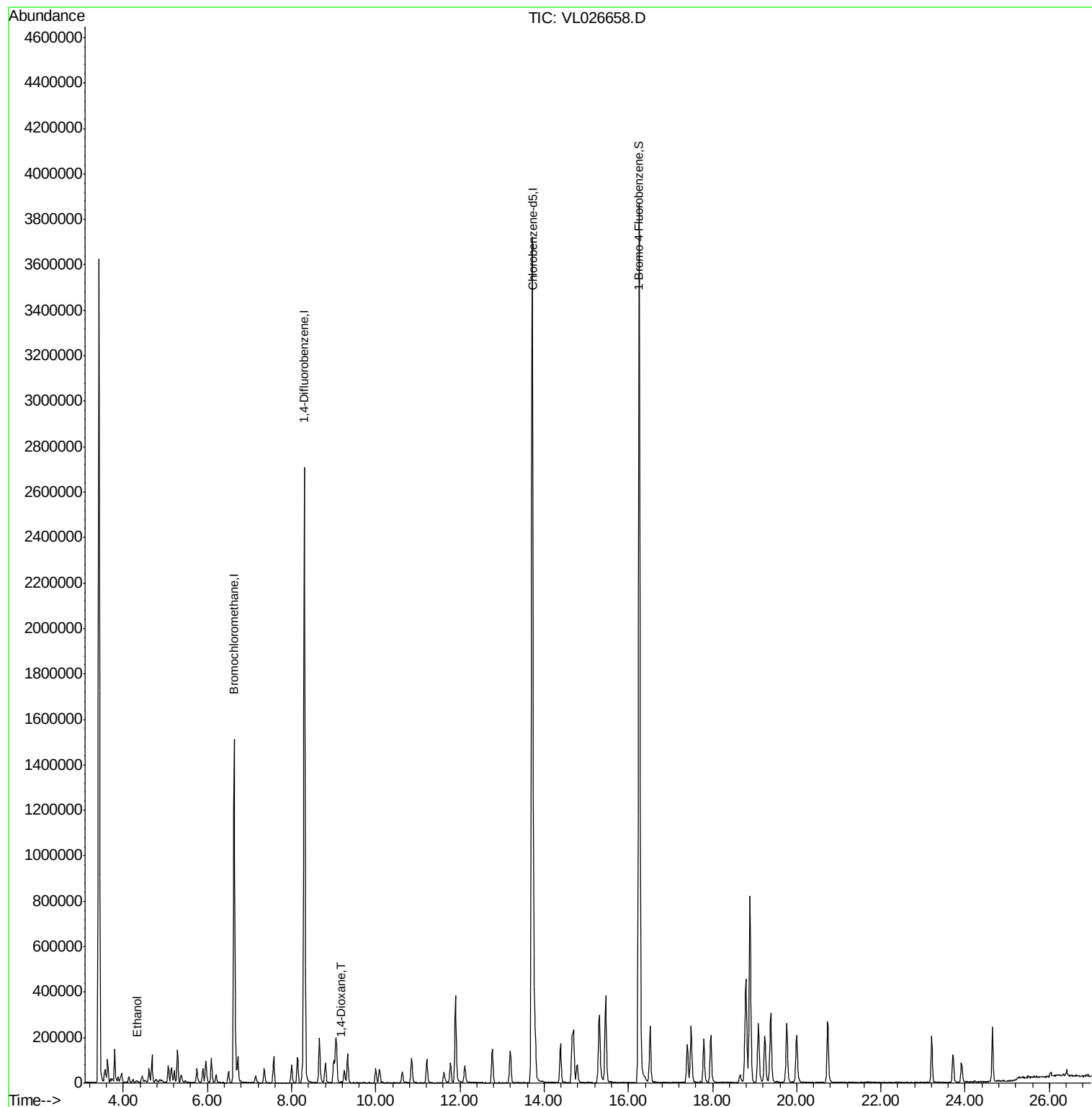
Data Path : W:\HPCHEM1\MSVOA L\DATA\VL010816\
Data File : VL026658.D
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Sample : G4825-01
Misc : 400mL/MSVOA L
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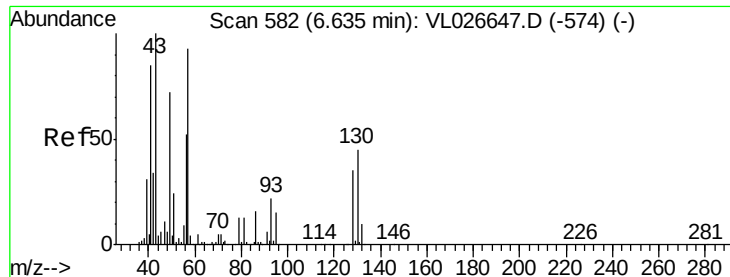
Instrument :
MSVOA_L
ClientSampleId :
AIR-LOD

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Quant Time: Jan 12 03:53:57 2016
Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL010816AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Jan
QLast Update : Mon Jan 11 17:14:02 2016
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 6.63 min Scan# 582

Delta R.T. 0.00 min

Lab File: VL026658.D

Acq: 9 Jan 2016 3:16

Instrument :

MSVOA_L

ClientSampleId :

AIR-LOD

Tot Ion: 49 Resp: 731888

Ion Ratio Lower Upper

49 100

128 57.6 25.9 77.7

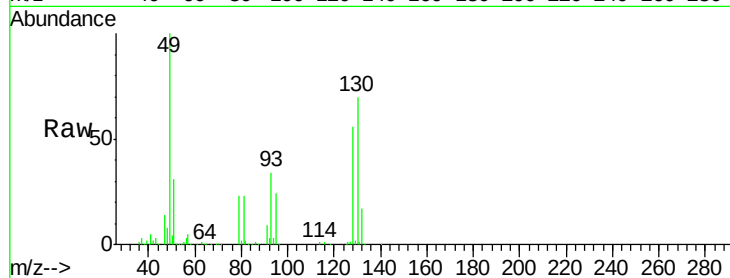
130 73.1 33.6 100.8

Manual Integrations

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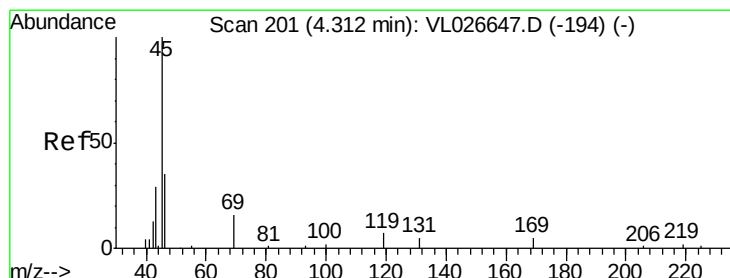
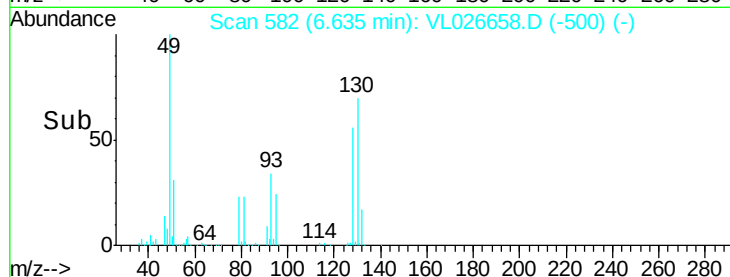
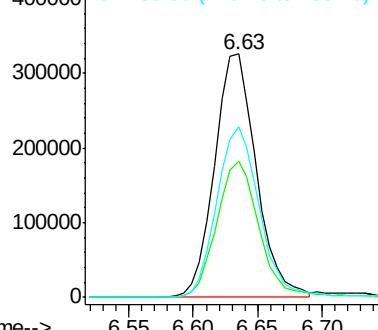
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#13

Ethanol

Concen: 0.47 ppbv m

RT: 4.34 min Scan# 205

Delta R.T. 0.02 min

Lab File: VL026658.D

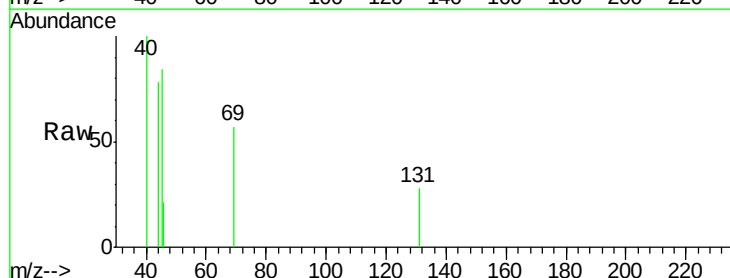
Acq: 9 Jan 2016 3:16

Tgt Ion: 45 Resp: 3128

Ion Ratio Lower Upper

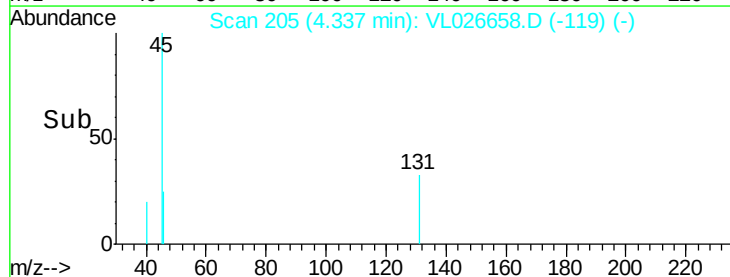
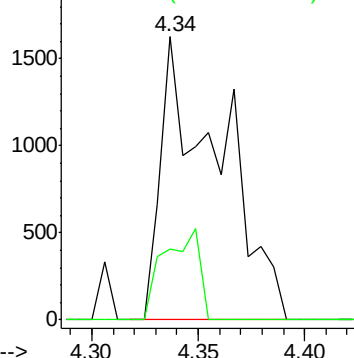
45 100

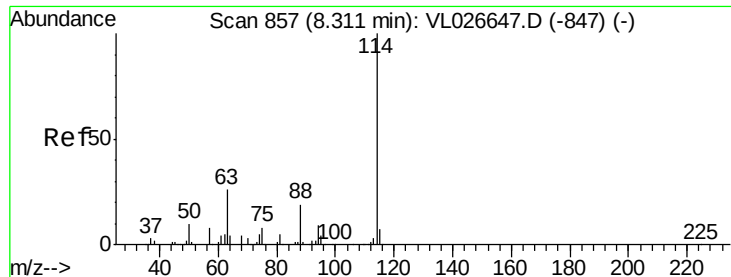
46 0.0 16.7 66.7#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





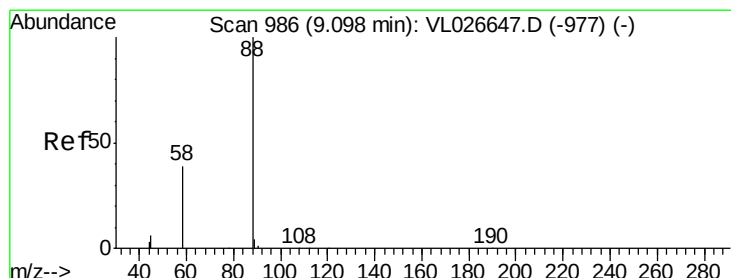
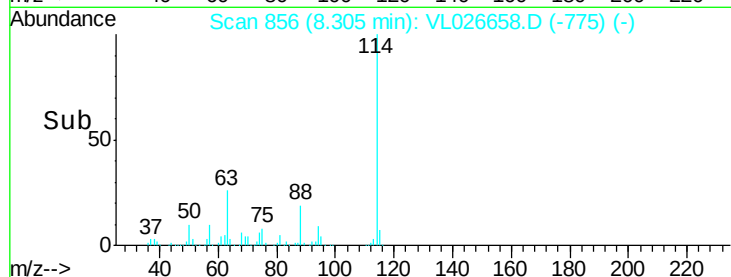
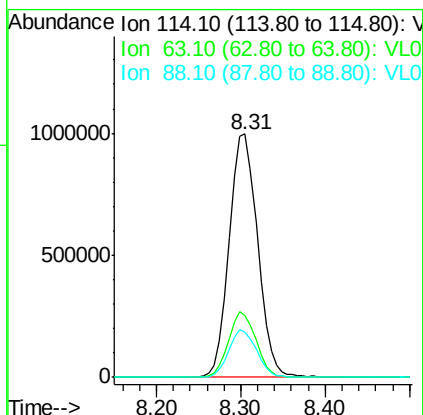
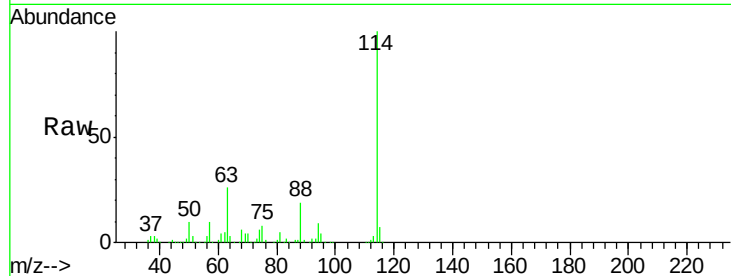
#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 8.31 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: VL026658.D
 Acq: 9 Jan 2016 3:16

Instrument :
 MSVOA_L
 ClientSampled :
 AIR-LOD

Tot Ion	Ratio	Lower	Upper
114	100		
63	26.1	21.7	32.5
88	19.1	15.2	22.8

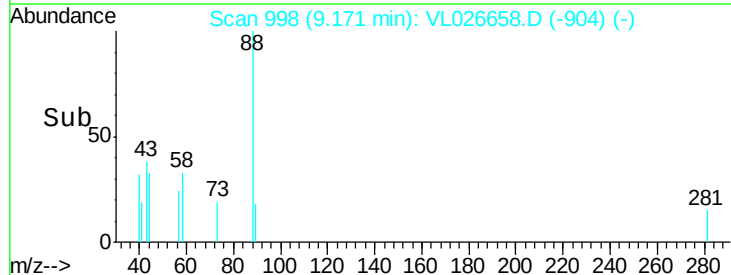
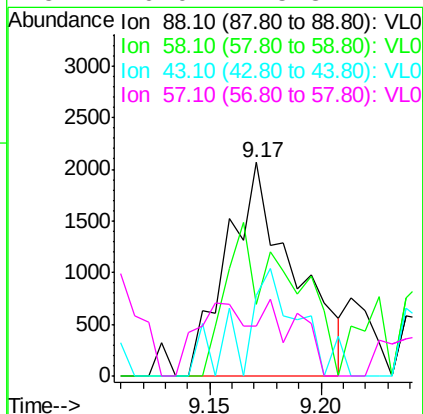
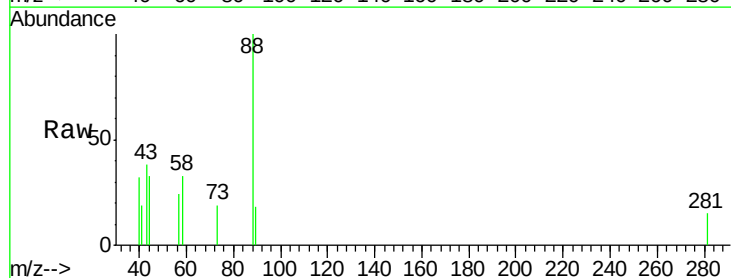
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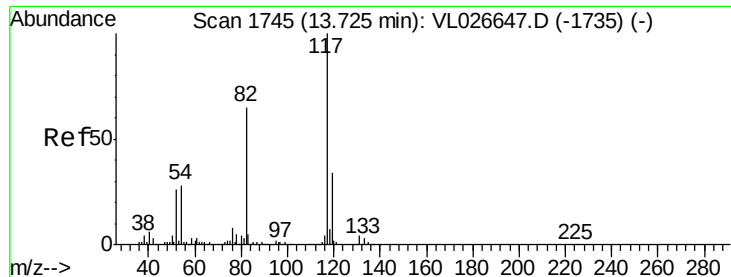
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#40
 1,4-Dioxane
 Concen: 0.23 ppbv
 RT: 9.17 min Scan# 998
 Delta R.T. 0.07 min
 Lab File: VL026658.D
 Acq: 9 Jan 2016 3:16

Tgt Ion	Ratio	Lower	Upper
88	100		
58	98.7	109.4	164.2#
43	43.2	238.2	357.2#
57	0.0	1148.3	1722.5#





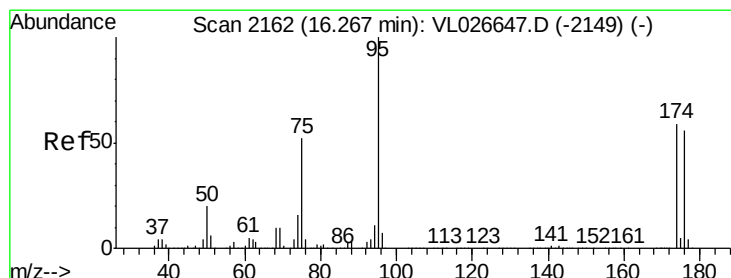
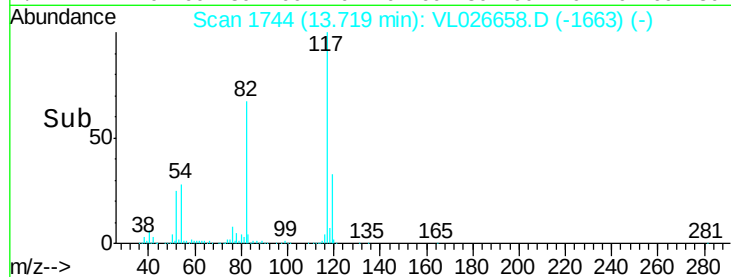
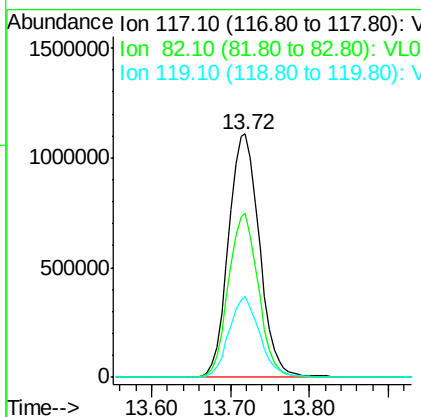
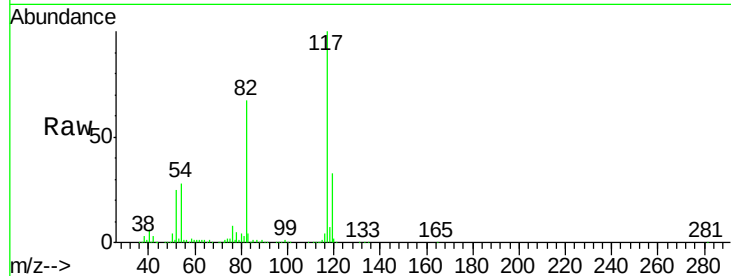
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 13.72 min Scan# 1744
Delta R.T. -0.01 min
Lab File: VL026658.D
Acq: 9 Jan 2016 3:16

Instrument :
MSVOA_L
ClientSampled :
AIR-LOD

Tot Ion:117 Resp: 3035402
Ion Ratio Lower Upper
117 100
82 65.4 49.7 74.5
119 33.3 43.8 65.8#

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.42 ppbv
RT: 16.26 min Scan# 2160
Delta R.T. -0.01 min
Lab File: VL026658.D
Acq: 9 Jan 2016 3:16

Tgt Ion: 95 Resp: 2521006
Ion Ratio Lower Upper
95 100
174 60.5 47.8 71.8
175 4.5 3.6 5.4

