

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL072715\
 Data File : VL025760.D
 Acq On : 27 Jul 2015 19:36
 Operator : SY/MD
 Sample : G3092-02DL 40X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 A-217-IDL

Manual Integrations
 APPROVED

sam
 7/28/2015 12:00:50 PM

Quant Time: Jul 28 02:11:25 2015
 Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL070715AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 08 02:11:25 2015
 QLast Update : Wed Jul 08 02:22:55 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	6.65	49	794713	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	8.32	114	2084628	10.00	ppbv	0.00
55) Chlorobenzene-d5	13.74	117	2529611	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	16.29	95	2138634	10.02	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	3.61	41	27860m	0.75	ppbv	
13) Ethanol	4.34	45	77590	13.41	ppbv	97
15) Acetone	4.63	43	69942	0.50	ppbv #	87
20) Methylene Chloride	5.15	84	8150	0.14	ppbv #	90

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

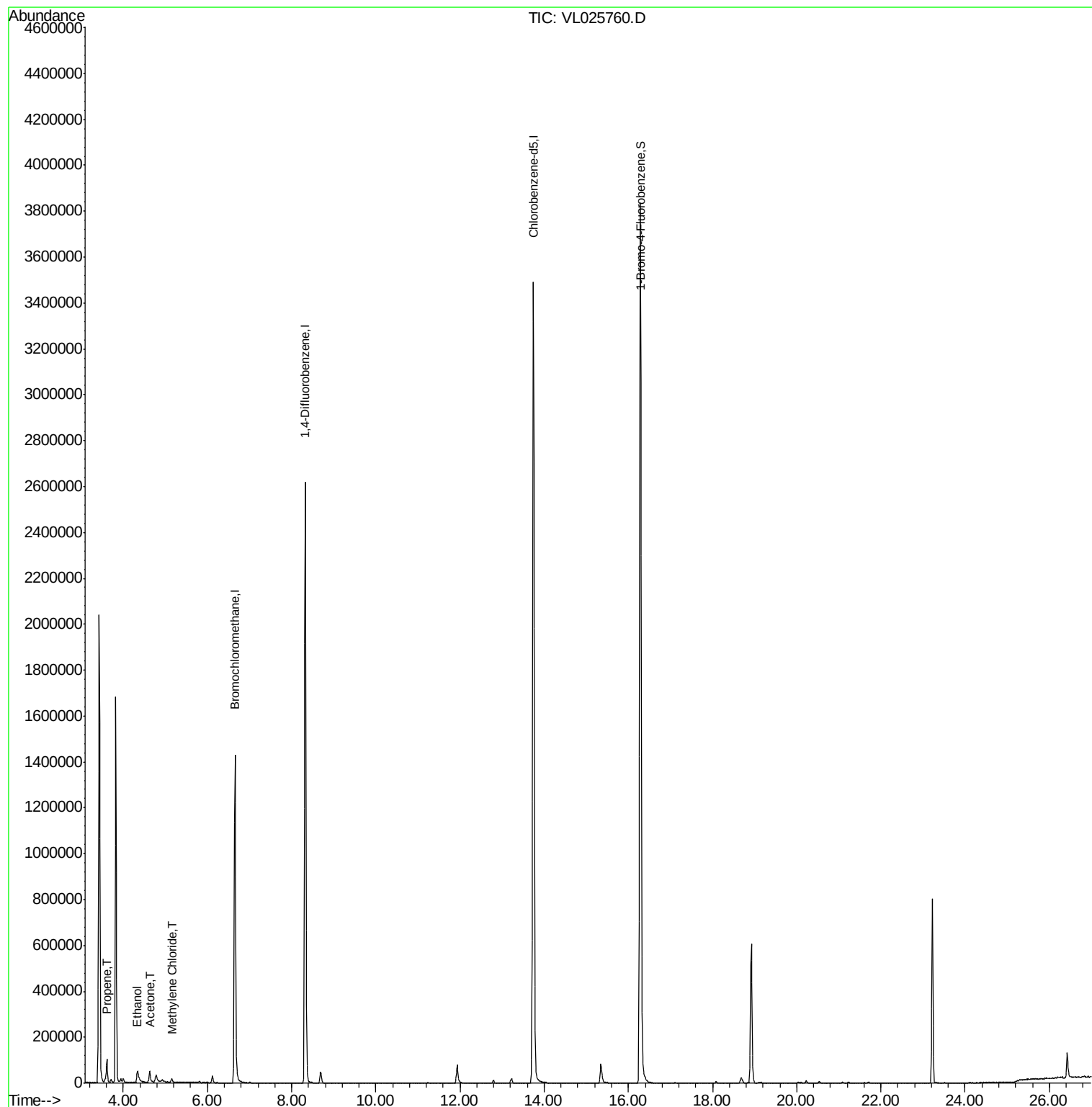
Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL072715\
Data File : VL025760.D
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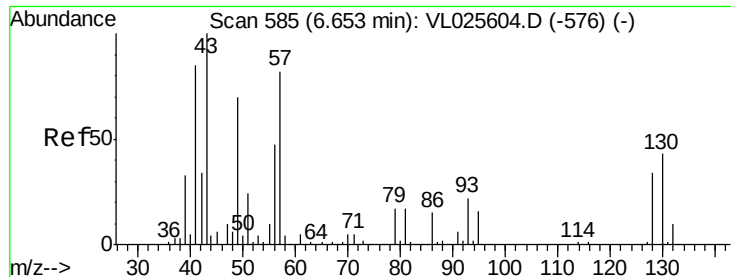
Instrument :
MSVOA_L
ClientSampleId :
A-217-IDL

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Quant Time: Jul 28 02:11:25 2015
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL070715AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul
QLast Update : Wed Jul 08 02:22:55 2015
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 6.65 min Scan# 585

Delta R.T. -0.00 min

Lab File: VL025760.D

Acq: 27 Jul 2015 19:36

Instrument :

MSVOA_L

ClientSampleId :

A-217-IDL

Tgt Ion: 49 Resp: 794713
Ion Ratio Lower Upper

49 100

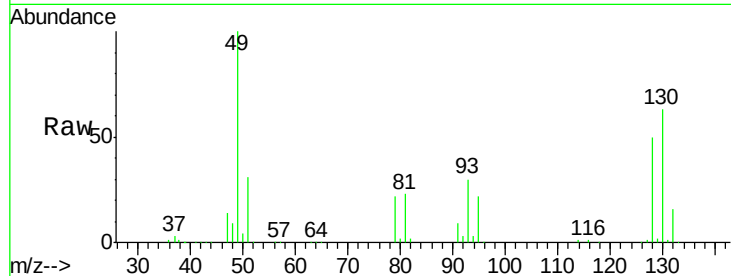
128 50.9 25.4 76.0

130 64.6 31.9 95.9

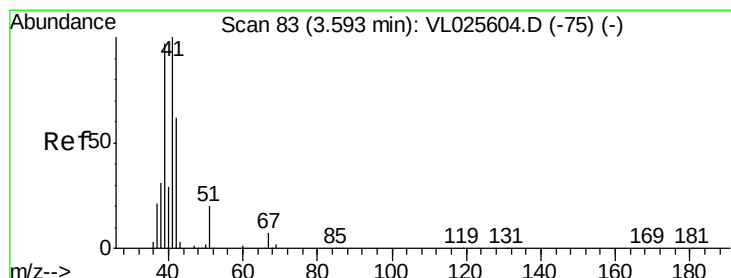
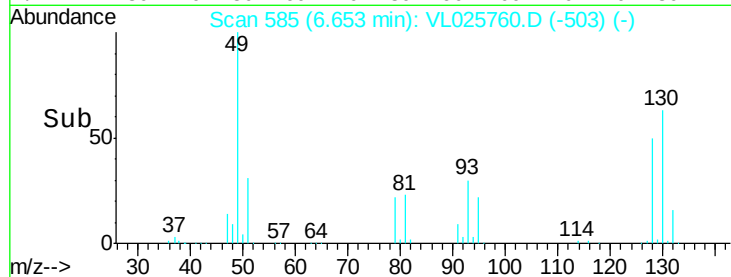
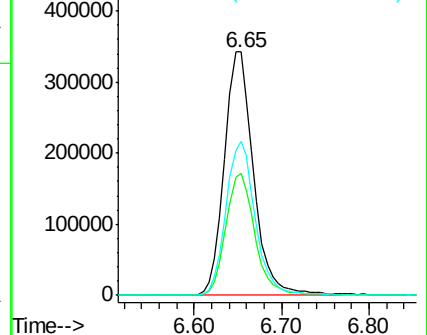
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Abundance Ion 49.10 (48.80 to 49.80): VL0
Ion 128.00 (127.70 to 128.70): V
Ion 130.00 (129.70 to 130.70): V



#9

Propene

Concen: 0.75 ppbv m

RT: 3.61 min Scan# 86

Delta R.T. 0.02 min

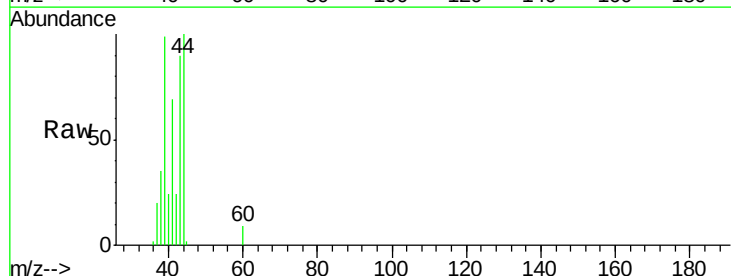
Lab File: VL025760.D

Acq: 27 Jul 2015 19:36

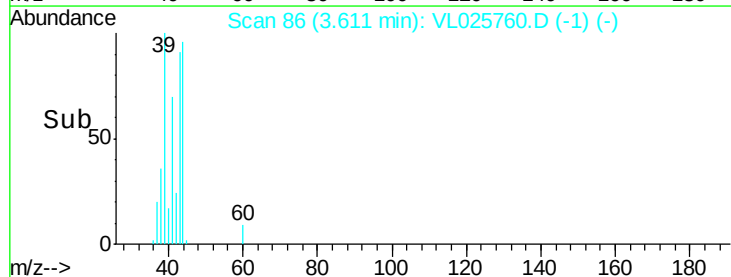
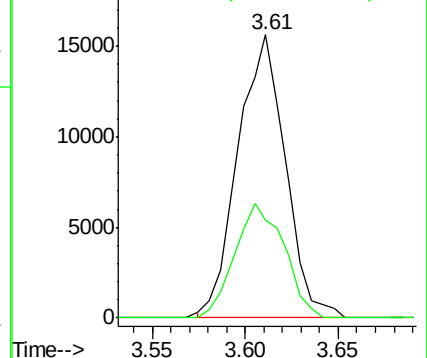
Tgt Ion: 41 Resp: 27860
Ion Ratio Lower Upper

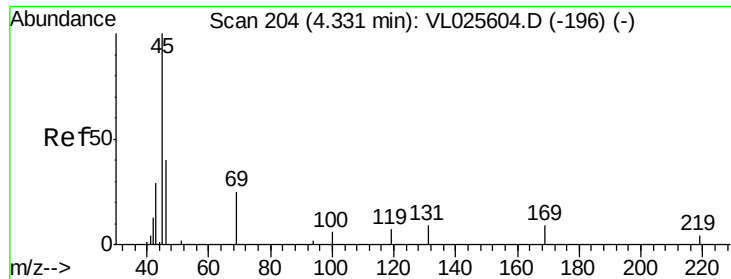
41 100

42 1368.4 52.4 78.6#



Abundance Ion 41.10 (40.80 to 41.80): VL0
Ion 42.10 (41.80 to 42.80): VL0





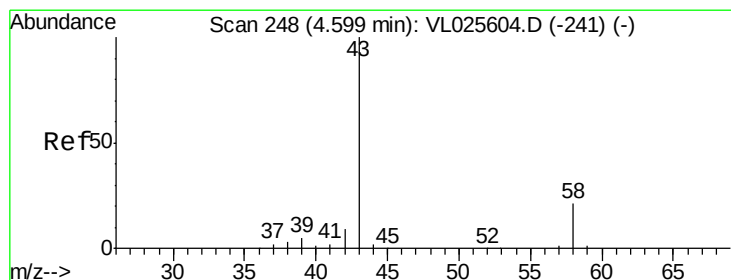
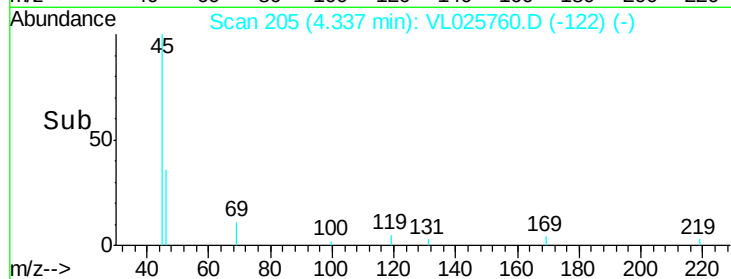
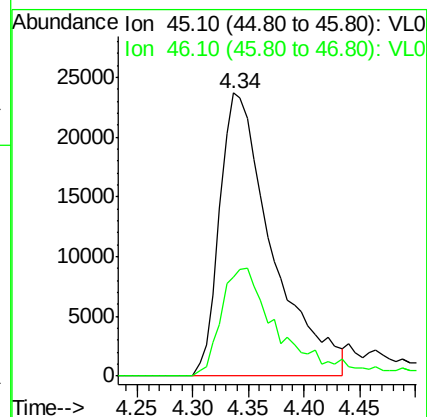
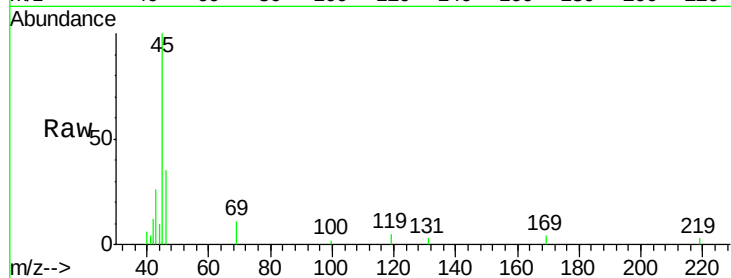
#13
Ethanol
Concen: 13.41 ppbv
RT: 4.34 min Scan# 205
Delta R.T. 0.01 min
Lab File: VL025760.D
Acq: 27 Jul 2015 19:36

Instrument :
MSVOA_L
ClientSampled :
A-217-IDL

Tgt Ion: 45 Resp: 77590
Ion Ratio Lower Upper
45 100
46 41.9 16.0 64.0

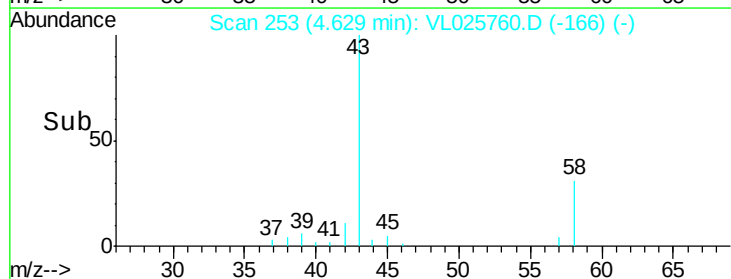
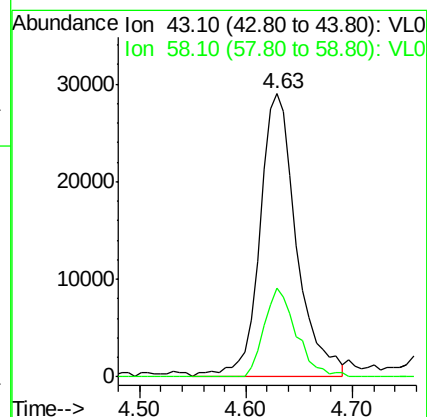
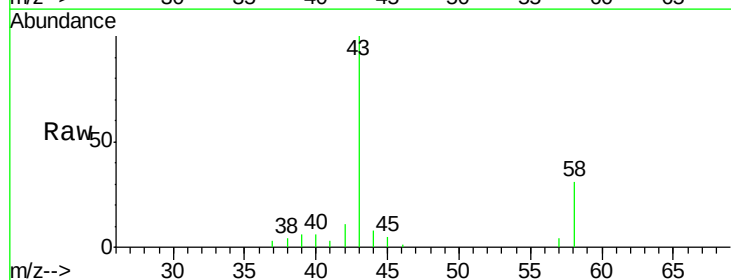
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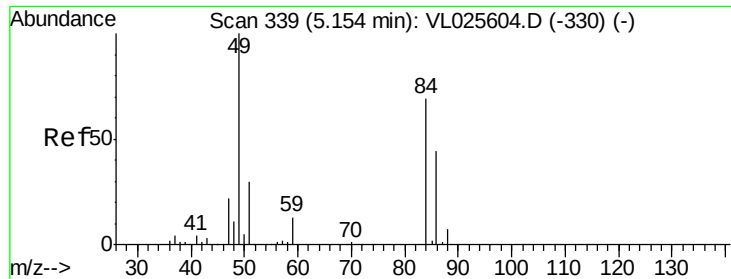
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#15
Acetone
Concen: 0.50 ppbv
RT: 4.63 min Scan# 253
Delta R.T. 0.03 min
Lab File: VL025760.D
Acq: 27 Jul 2015 19:36

Tgt Ion: 43 Resp: 69942
Ion Ratio Lower Upper
43 100
58 27.5 17.2 25.8#





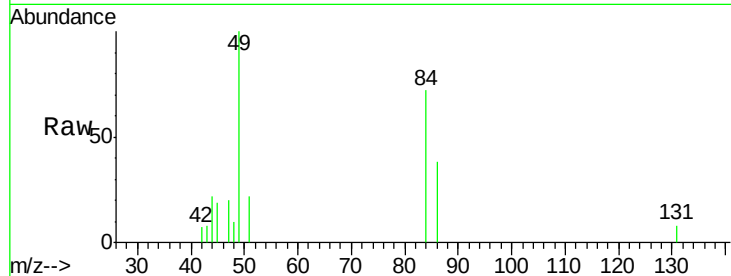
#20
Methylene Chloride
Concen: 0.14 ppbv
RT: 5.15 min Scan# 338
Delta R.T. -0.01 min
Lab File: VL025760.D
Acq: 27 Jul 2015 19:36

Instrument :
MSVOA_L
ClientSampleId :
A-217-IDL

Tgt Ion	Ratio	Lower	Upper
84	100		
49	138.3	115.2	172.8
51	30.2	35.0	52.6
86	52.2	50.6	76.0

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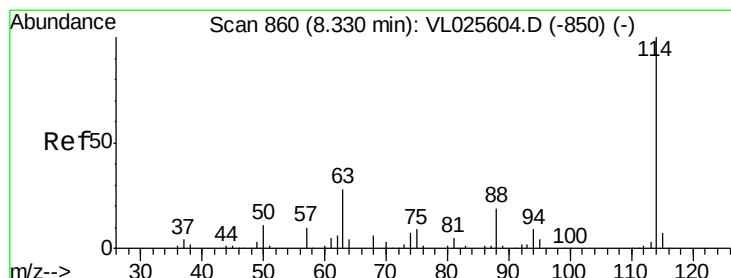
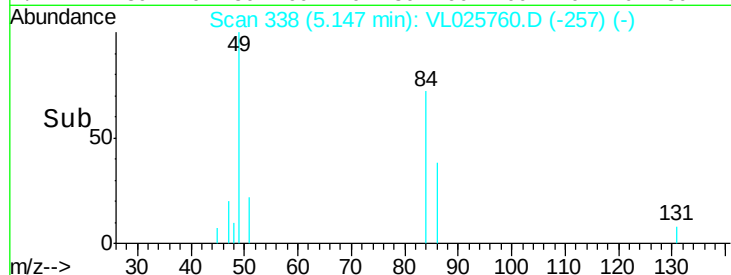
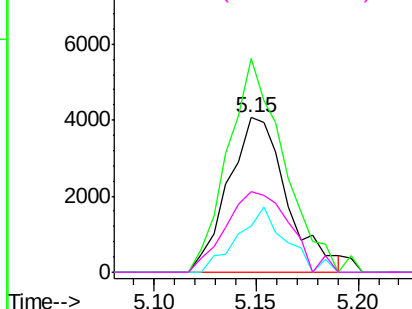
Abundance

Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

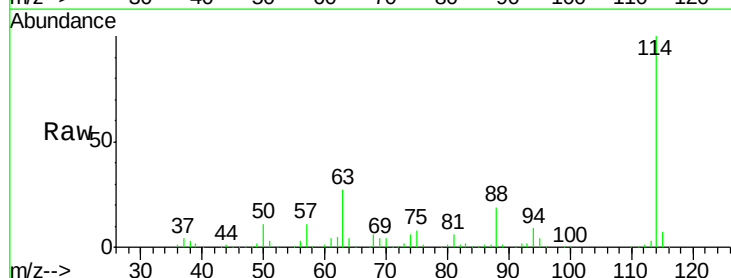
Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0



#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 8.32 min Scan# 859
Delta R.T. -0.01 min
Lab File: VL025760.D
Acq: 27 Jul 2015 19:36

Tgt Ion	Ratio	Lower	Upper
114	100		
63	27.3	22.4	33.6
88	18.7	15.0	22.4

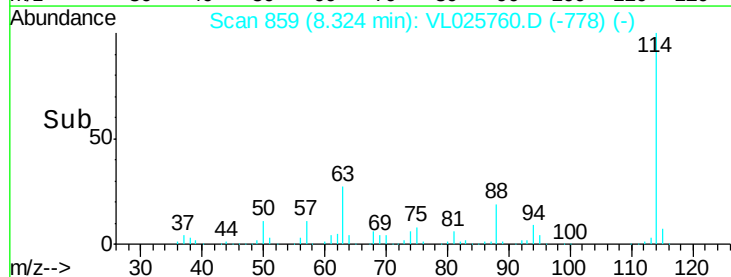
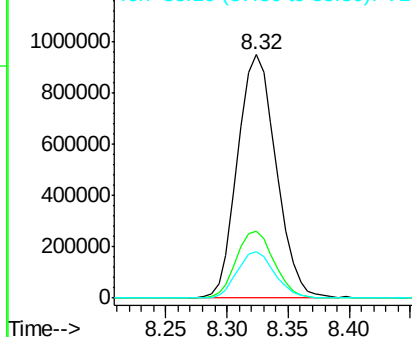


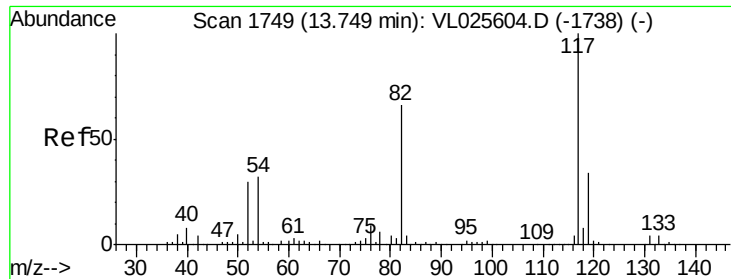
Abundance

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





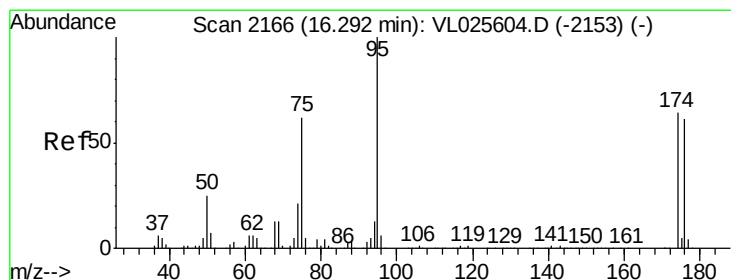
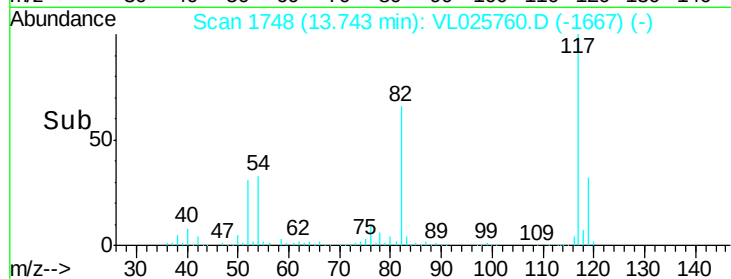
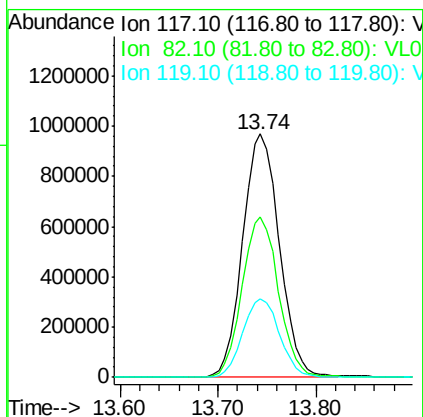
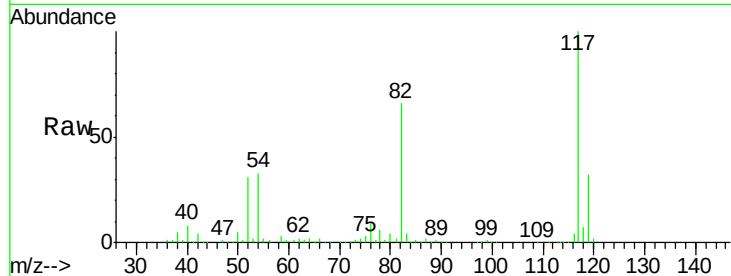
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 13.74 min Scan# 1748
Delta R.T. -0.01 min
Lab File: VL025760.D
Acq: 27 Jul 2015 19:36

Instrument :
MSVOA_L
ClientSampleId :
A-217-IDL

Tgt Ion: 117 Resp: 2529611
Ion Ratio Lower Upper
117 100
82 66.2 50.5 75.7
119 32.9 45.1 67.7#

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.02 ppbv
RT: 16.29 min Scan# 2165
Delta R.T. -0.01 min
Lab File: VL025760.D
Acq: 27 Jul 2015 19:36

Tgt Ion: 95 Resp: 2138634
Ion Ratio Lower Upper
95 100
174 64.5 52.0 78.0
175 4.9 3.9 5.9

