

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL073115\
 Data File : VL025813.D
 Acq On : 31 Jul 2015 15:01
 Operator : SY/MD
 Sample : G3144-01DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 EFFLUENTDL

Manual Integrations
 APPROVED

sam
 8/4/2015 12:05:16 PM

Quant Time: Aug 03 05:12:05 2015
 Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL070715AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 08
 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	6.67	49	474128	10.00	ppbv	0.01
33) 1,4-Difluorobenzene	8.34	114	1235906	10.00	ppbv	0.01
55) Chlorobenzene-d5	13.76	117	1574654	10.00	ppbv	0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	16.30	95	1431305	10.78	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	107.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Acetone	4.65	43	30300	0.36	ppbv	# 72
20) Methylene Chloride	5.17	84	29419	0.86	ppbv	93
52) Tetrachloroethene	12.81	164	8199m	0.14	ppbv	

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

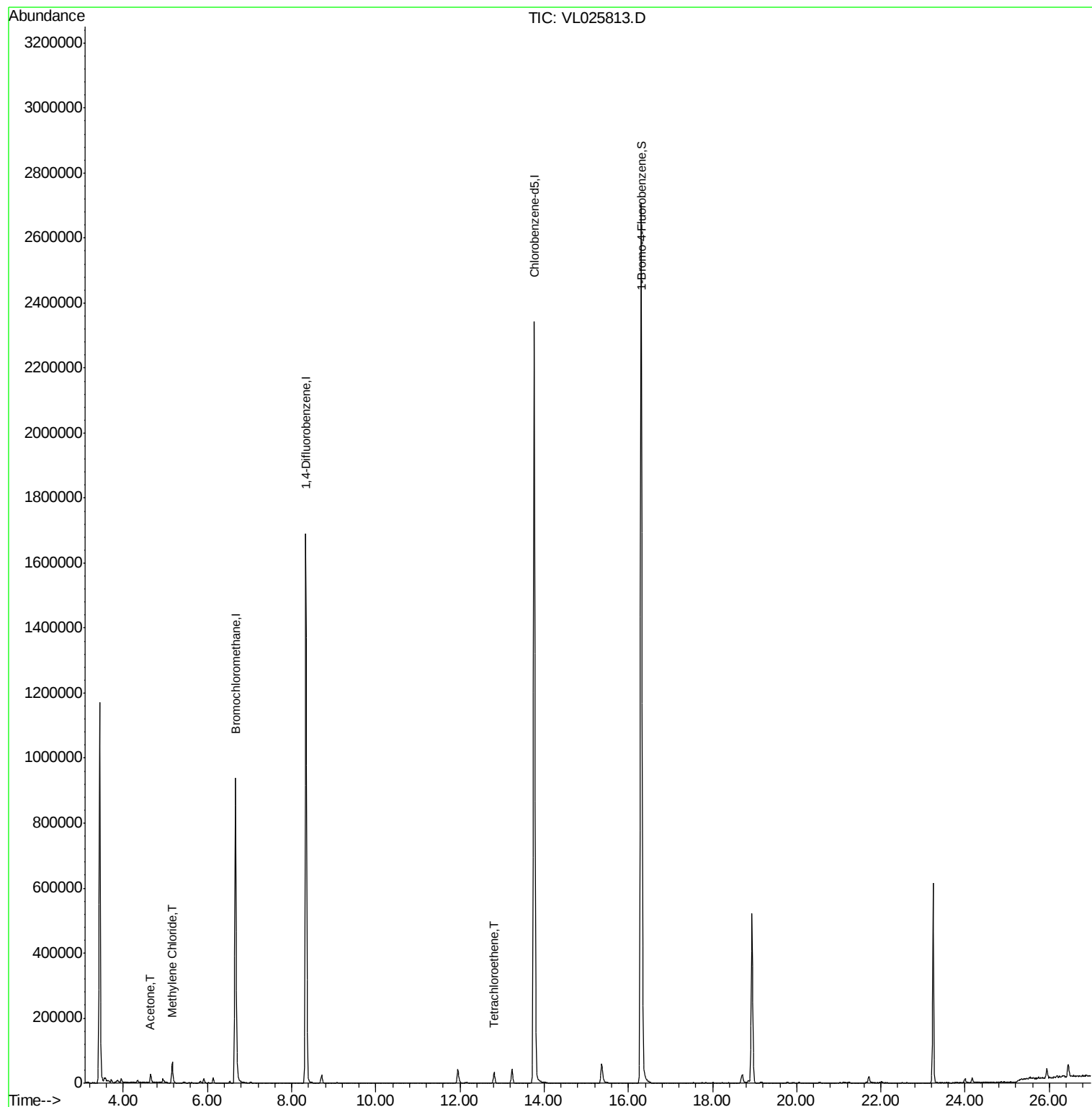
Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL073115\
Data File : VL025813.D
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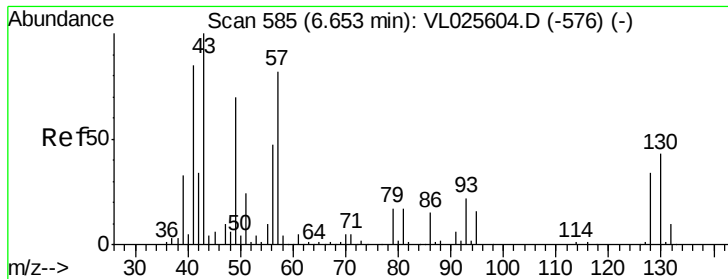
Instrument :
MSVOA_L
ClientSampleId :
EFFLUENTDL

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Quant Time: Aug 03 05:12:05 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: 6.67 min Scan# 587

Delta R.T. 0.01 min

Lab File: VL025813.D

Acq: 31 Jul 2015 15:01

Instrument :

MSVOA_L

ClientSampleId :

EFFLUENTDL

Tgt Ion: 49 Resp: 474128
Ion Ratio Lower Upper

49 100

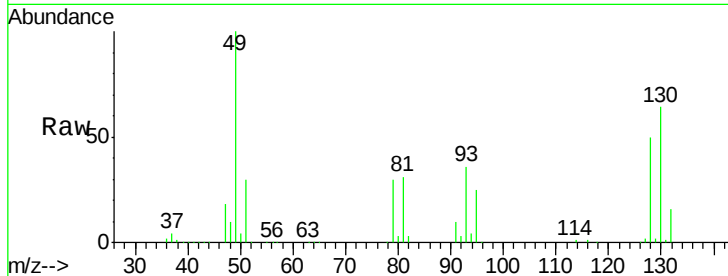
128 51.4 25.4 76.0

130 66.7 31.9 95.9

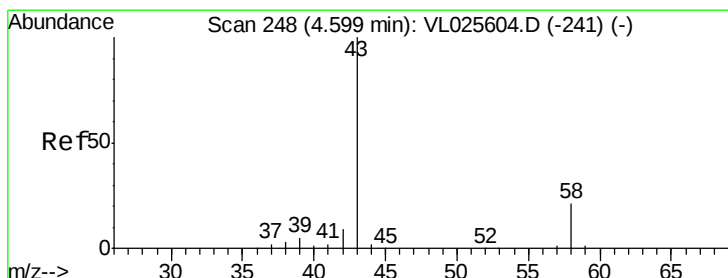
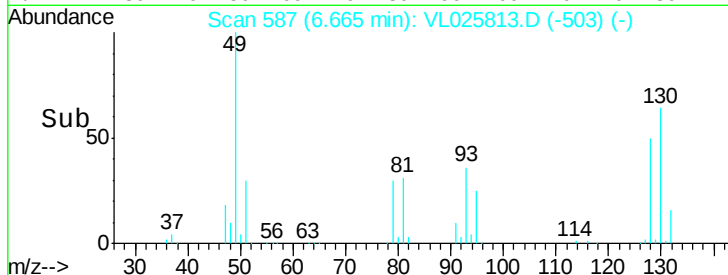
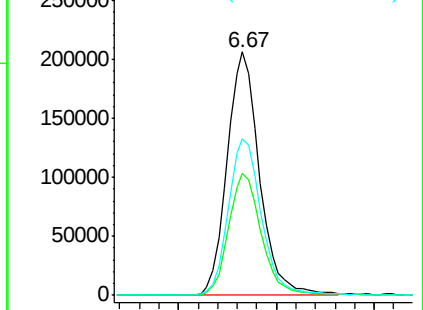
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Abundance Ion 49.10 (48.80 to 49.80): VL0
Ion 128.00 (127.70 to 128.70): V
Ion 130.00 (129.70 to 130.70): V



#15

Acetone

Concen: 0.36 ppbv

RT: 4.65 min Scan# 257

Delta R.T. 0.05 min

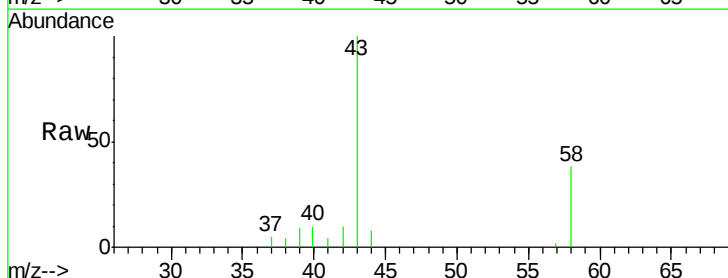
Lab File: VL025813.D

Acq: 31 Jul 2015 15:01

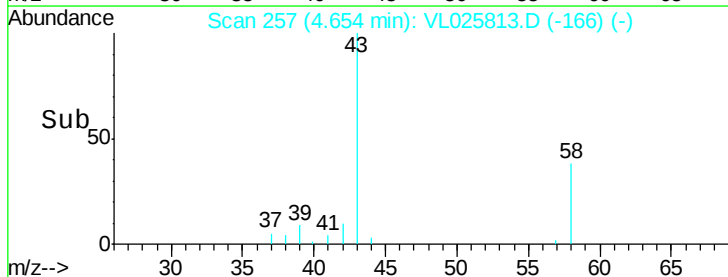
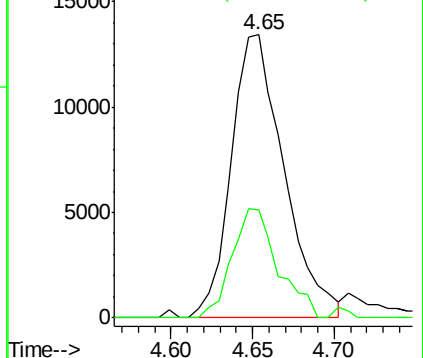
Tgt Ion: 43 Resp: 30300
Ion Ratio Lower Upper

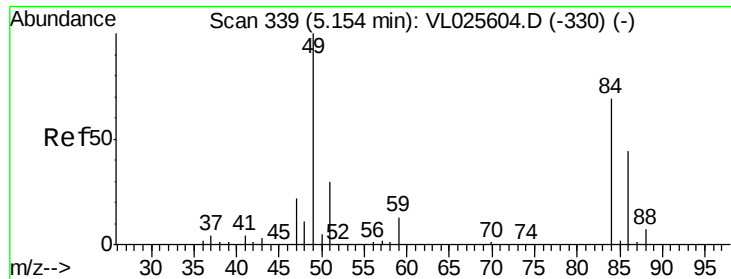
43 100

58 34.6 17.2 25.8#



Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 58.10 (57.80 to 58.80): VL0





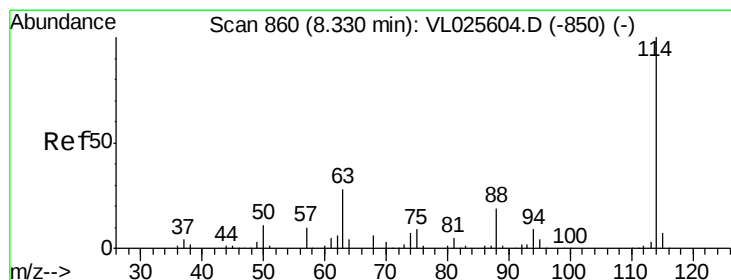
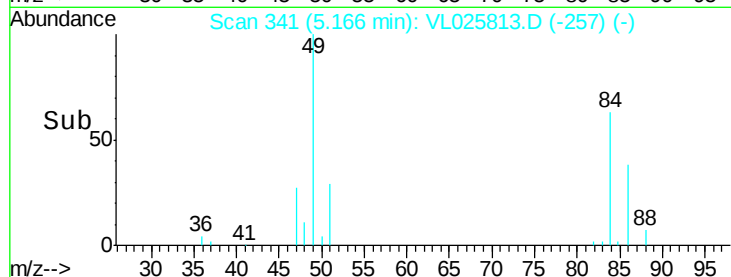
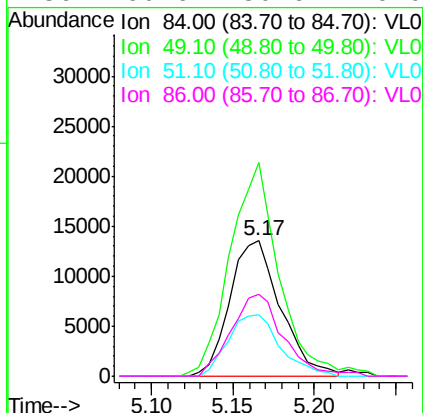
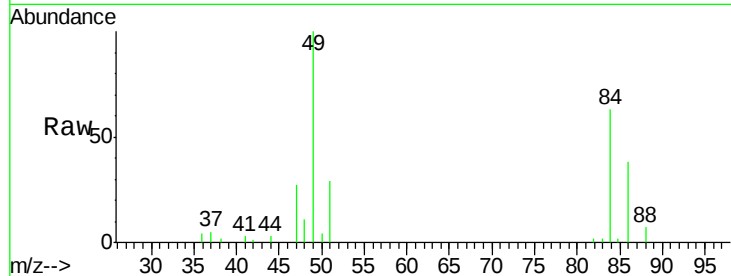
#20
Methylene Chloride
Concen: 0.86 ppbv
RT: 5.17 min Scan# 341
Delta R.T. 0.01 min
Lab File: VL025813.D
Acq: 31 Jul 2015 15:01

Instrument :
MSVOA_L
ClientSampleId :
EFFLUENTDL

Tgt Ion:	84	Resp:	29419
Ion	Ratio	Lower	Upper
84	100		
49	155.6	115.2	172.8
51	45.7	35.0	52.6
86	60.6	50.6	76.0

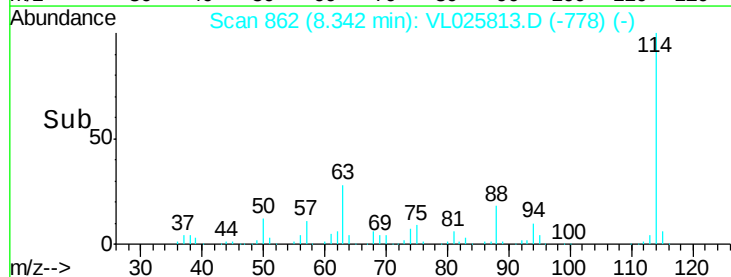
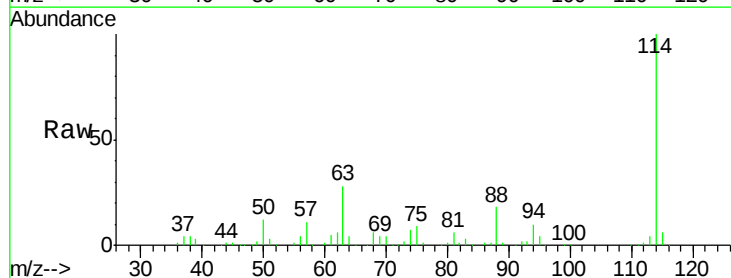
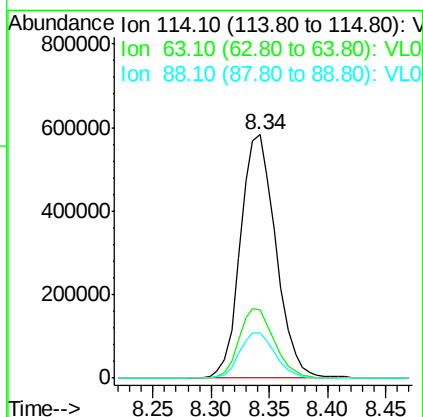
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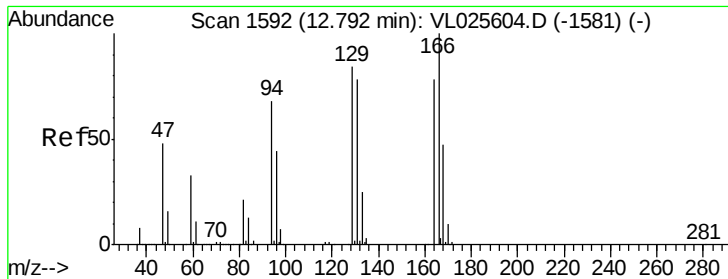
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#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 8.34 min Scan# 862
Delta R.T. 0.01 min
Lab File: VL025813.D
Acq: 31 Jul 2015 15:01

Tgt Ion:	114	Resp:	1235906
Ion	Ratio	Lower	Upper
114	100		
63	28.4	22.4	33.6
88	18.8	15.0	22.4





#52

Tetrachloroethene

Concen: 0.14 ppbv m

RT: 12.81 min Scan# 1595

Delta R.T. 0.02 min

Lab File: VL025813.D

Acq: 31 Jul 2015 15:01

Instrument :

MSVOA_L

ClientSampleId :

EFFLUENTDL

Tgt Ion:164 Resp: 8199

Ion Ratio Lower Upper

164 100

166 134.1 102.3 153.5

129 122.1 86.2 129.4

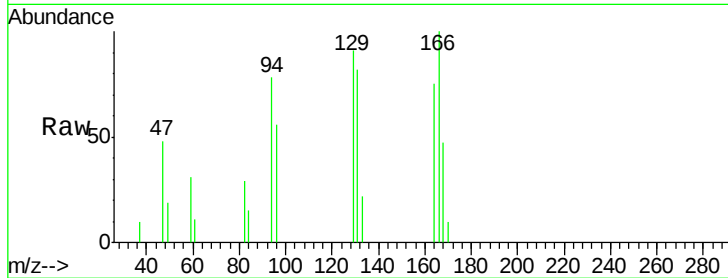
131 109.7 80.3 120.5

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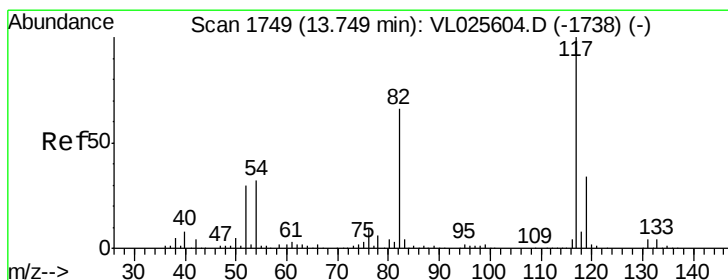
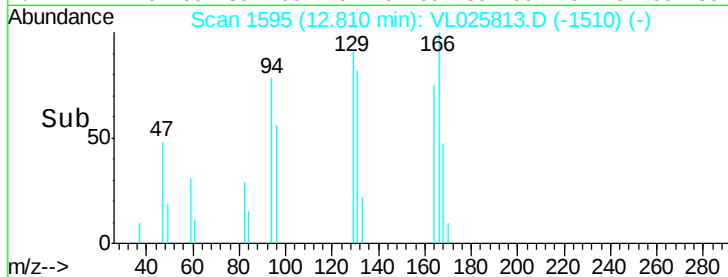
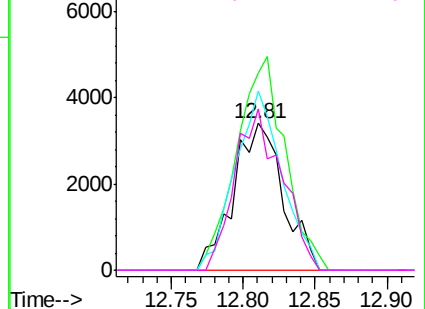


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 165.90 (165.60 to 166.60): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V



#55

Chlorobenzene-d5

Concen: 10.00 ppbv

RT: 13.76 min Scan# 1751

Delta R.T. 0.01 min

Lab File: VL025813.D

Acq: 31 Jul 2015 15:01

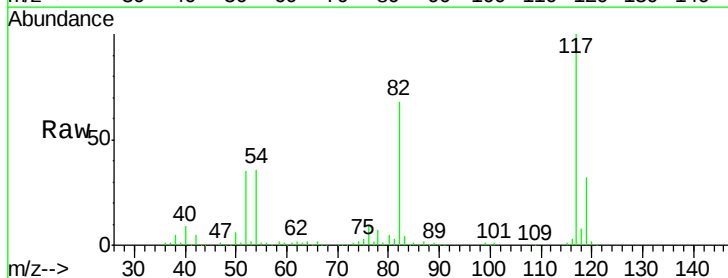
Tgt Ion:117 Resp: 1574654

Ion Ratio Lower Upper

117 100

82 66.8 50.5 75.7

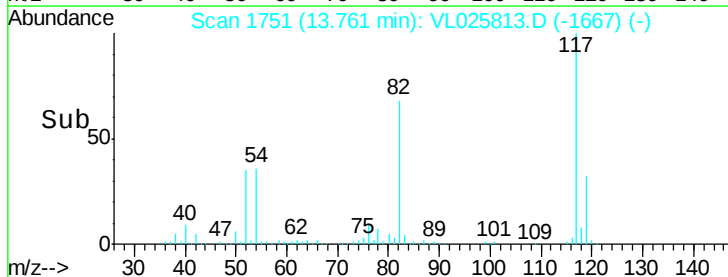
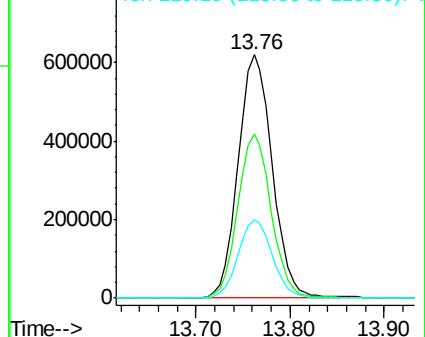
119 32.5 45.1 67.7#

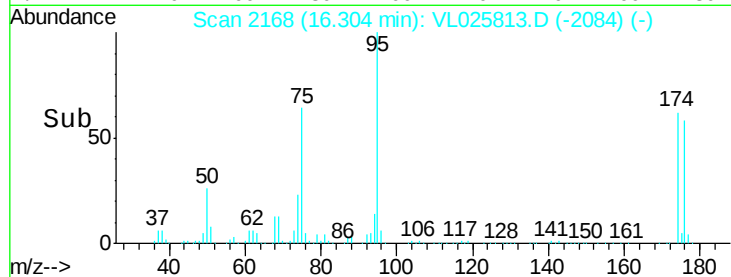
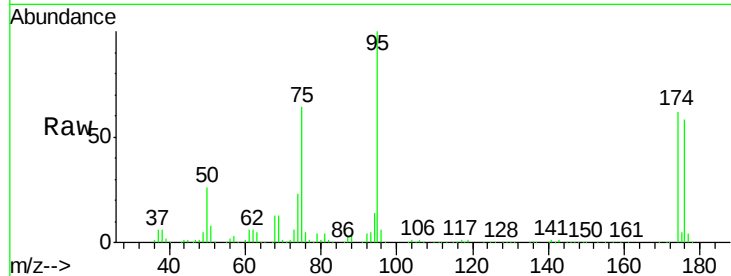
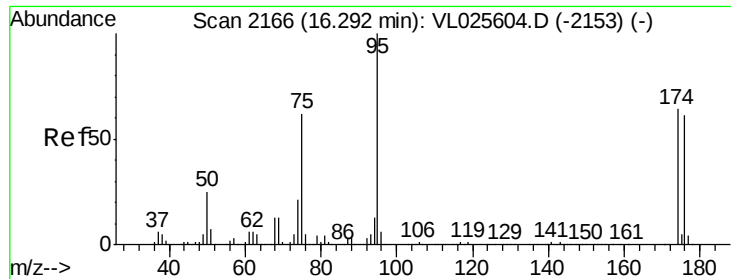


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): V

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 10.78 ppbv

RT: 16.30 min Scan# 2168

Delta R.T. 0.01 min

Lab File: VL025813.D

Acq: 31 Jul 2015 15:01

Tgt Ion: 95 Resp: 1431305

Ion Ratio Lower Upper

95 100

174 62.6 52.0 78.0

175 4.6 3.9 5.9

Instrument :

MSVOA_L

ClientSampleId :

EFFLUENTDL

Manual Integrations

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