

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL072715\
 Data File : VL025777.D
 Acq On : 28 Jul 2015 6:59
 Operator : SY/MD
 Sample : G3040-07DL 1200X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 DIN46-INFLUENT-072315DL

Quant Time: Jul 28 08:03:14 2015
 Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL070715AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 08 02:22:55 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	594581	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	8.32	114	1572547	10.00	ppbv	0.00
55) Chlorobenzene-d5	13.74	117	1998154	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	16.29	95	1774331	10.53	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.30%

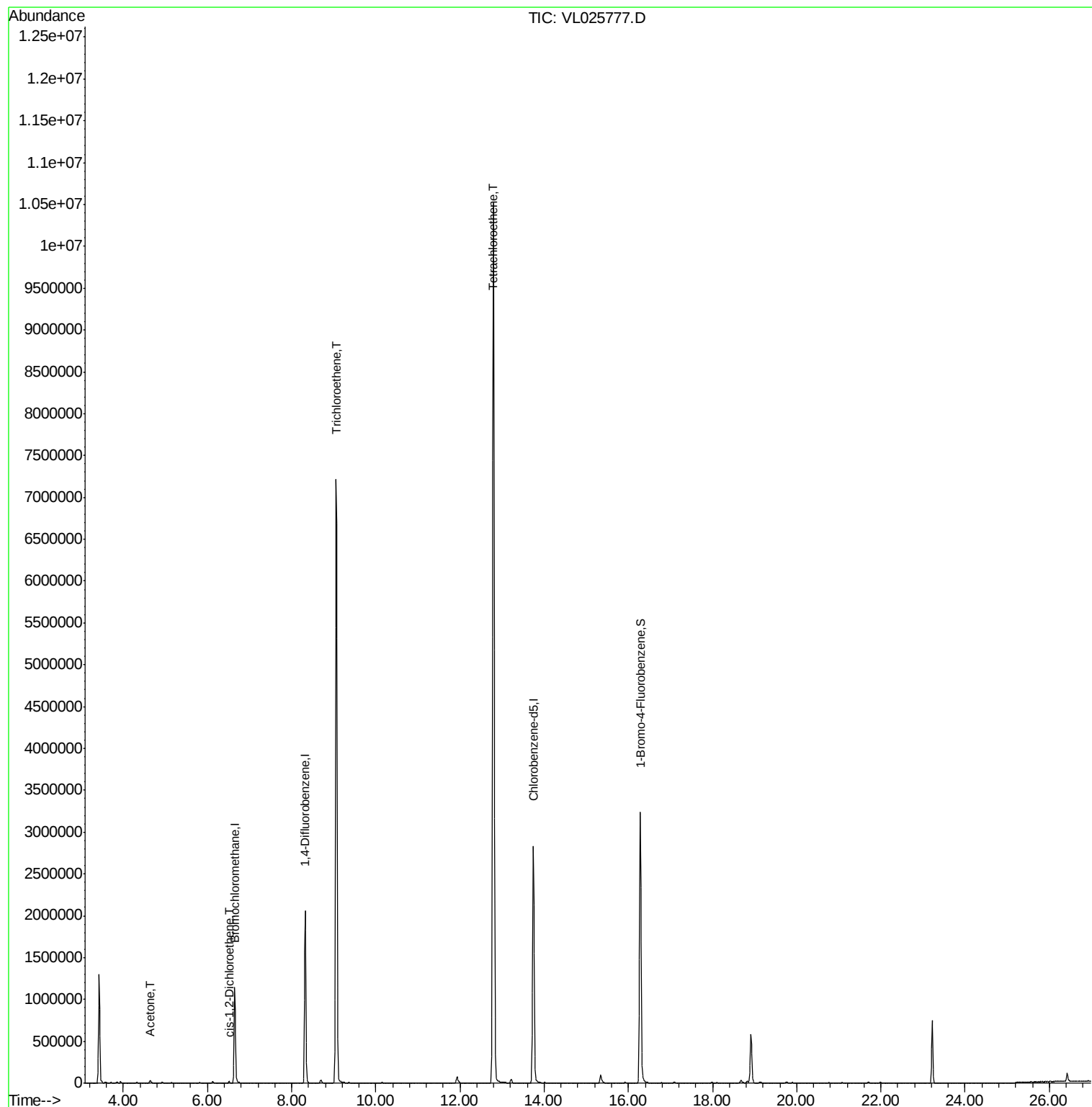
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Acetone	4.64	43	41288	0.39	ppbv	# 79
31) cis-1,2-Dichloroethene	6.51	61	16230	0.22	ppbv	96
38) Trichloroethene	9.06	130	2440182	34.85	ppbv	97
52) Tetrachloroethene	12.80	164	2923583	38.70	ppbv	97

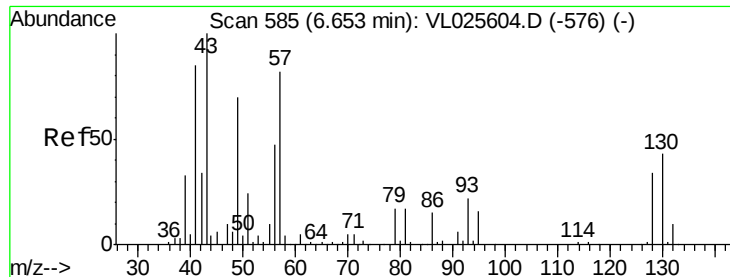
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 6.65 min Scan# 584

Delta R.T. -0.01 min

Lab File: VL025777.D

Acq: 28 Jul 2015 6:59

Instrument :

MSVOA_L

ClientSampleId :

DIN46-INFLUENT-072315DL

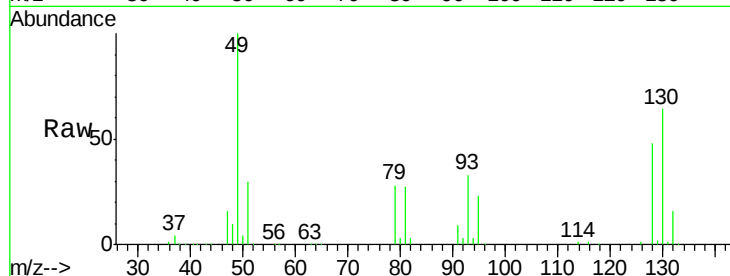
Tgt Ion: 49 Resp: 594581

Ion Ratio Lower Upper

49 100

128 50.3 25.4 76.0

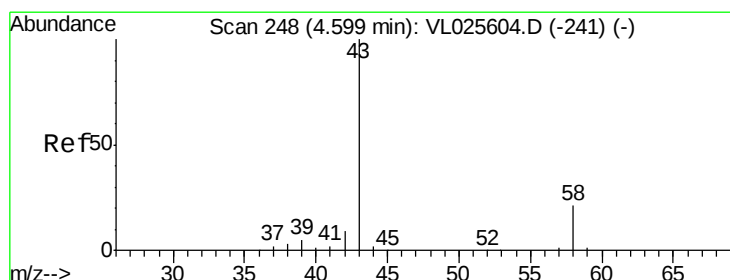
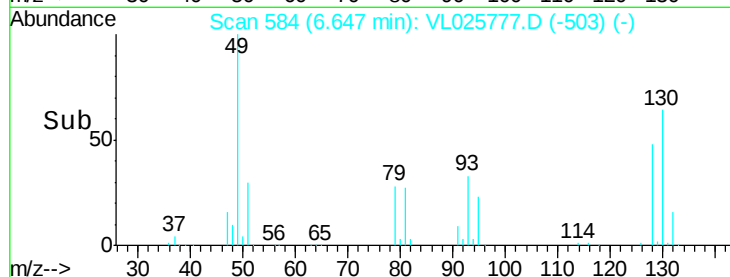
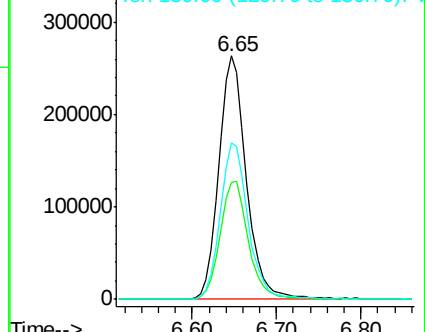
130 65.6 31.9 95.9



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



#15

Acetone

Concen: 0.39 ppbv

RT: 4.64 min Scan# 255

Delta R.T. 0.04 min

Lab File: VL025777.D

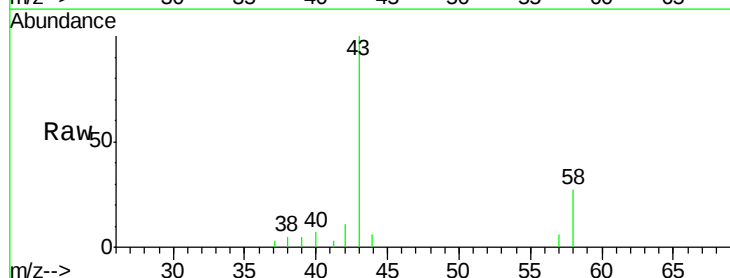
Acq: 28 Jul 2015 6:59

Tgt Ion: 43 Resp: 41288

Ion Ratio Lower Upper

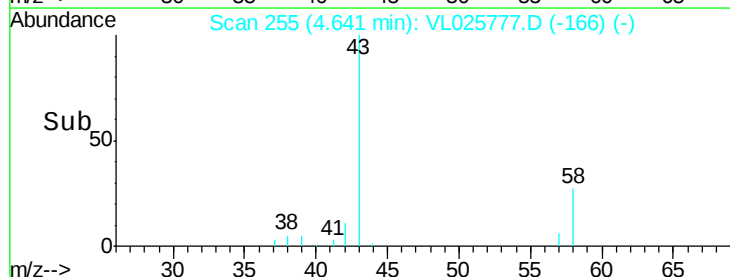
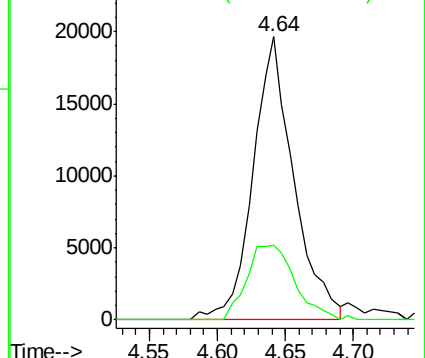
43 100

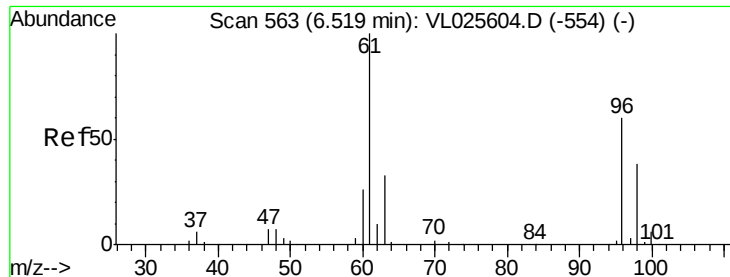
58 31.2 17.2 25.8#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



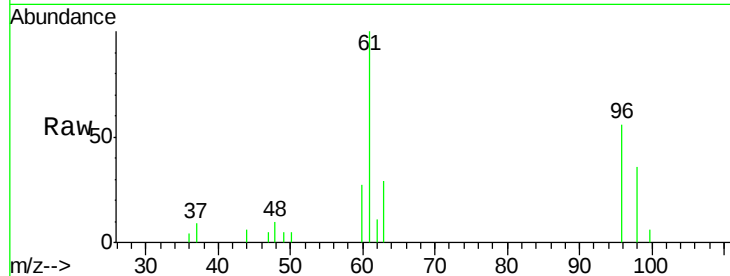


#31

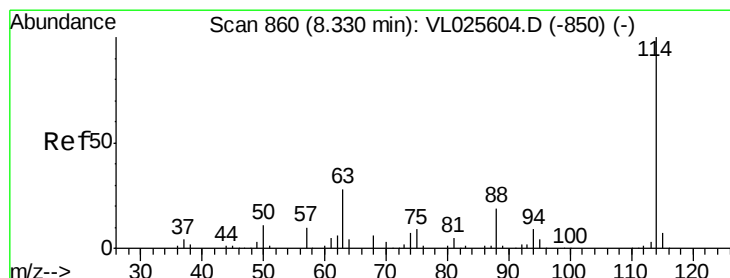
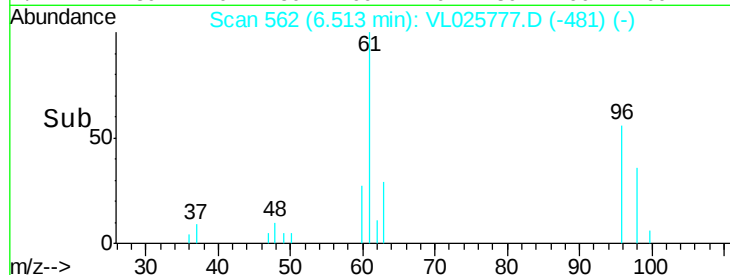
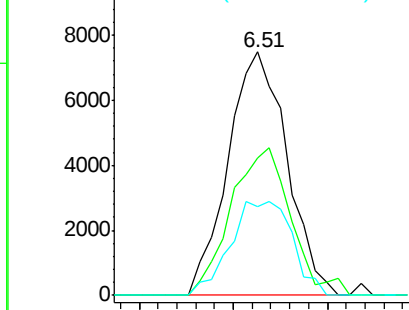
cis-1,2-Dichloroethene
 Concen: 0.22 ppbv
 RT: 6.51 min Scan# 562
 Delta R.T. -0.01 min
 Lab File: VL025777.D
 Acq: 28 Jul 2015 6:59

Instrument :
 MSVOA_L
 ClientSampleId :
 DIN46-INFLUENT-072315DL

Tgt Ion: 61 Resp: 16230
 Ion Ratio Lower Upper
 61 100
 96 56.5 48.1 72.1
 98 36.4 30.7 46.1



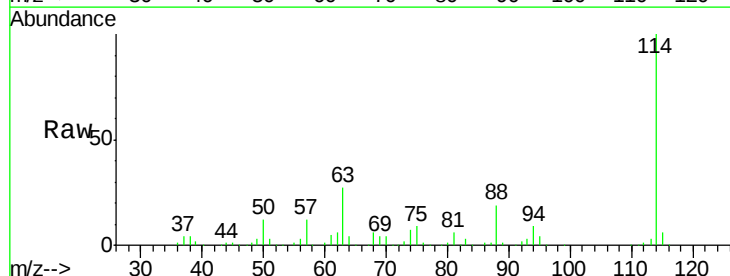
Abundance Ion 61.10 (60.80 to 61.80): VL0
 Ion 96.00 (95.70 to 96.70): VL0
 Ion 98.00 (97.70 to 98.70): VL0



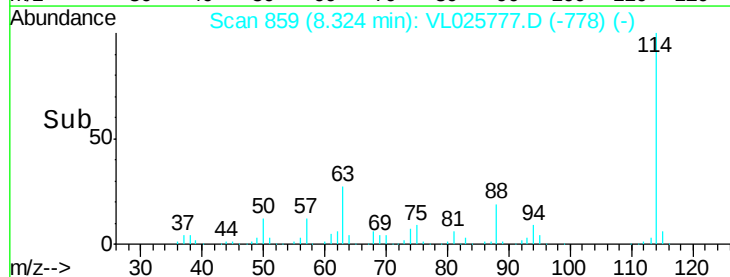
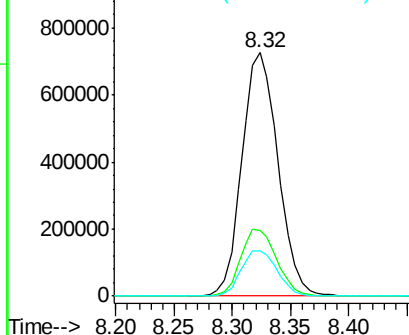
#33

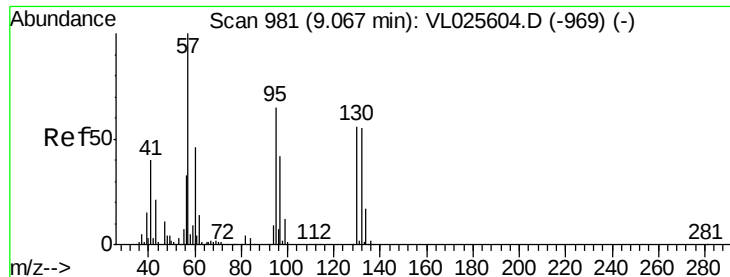
1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 8.32 min Scan# 859
 Delta R.T. -0.01 min
 Lab File: VL025777.D
 Acq: 28 Jul 2015 6:59

Tgt Ion: 114 Resp: 1572547
 Ion Ratio Lower Upper
 114 100
 63 27.7 22.4 33.6
 88 18.6 15.0 22.4



Abundance Ion 114.10 (113.80 to 114.80): V
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0





#38

Trichloroethene

Concen: 34.85 ppbv

RT: 9.06 min Scan# 980

Delta R.T. -0.01 min

Lab File: VL025777.D

Acq: 28 Jul 2015 6:59

Instrument :

MSVOA_L

ClientSampleId :

DIN46-INFLUENT-072315DL

Tgt Ion:130 Resp: 2440182

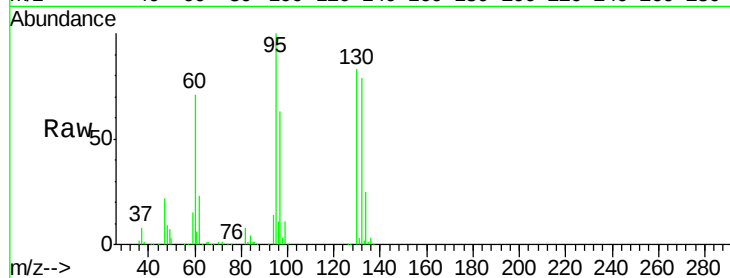
Ion Ratio Lower Upper

130 100

95 121.1 94.2 141.4

132 95.5 78.6 118.0

97 76.8 60.6 90.8

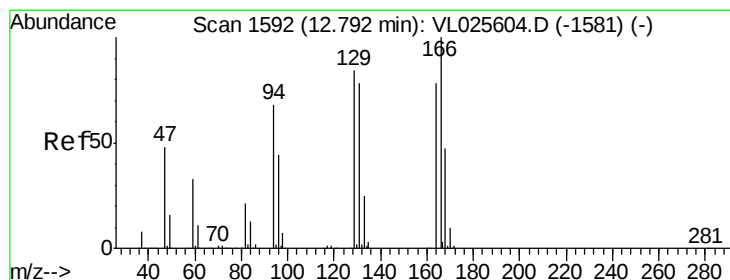
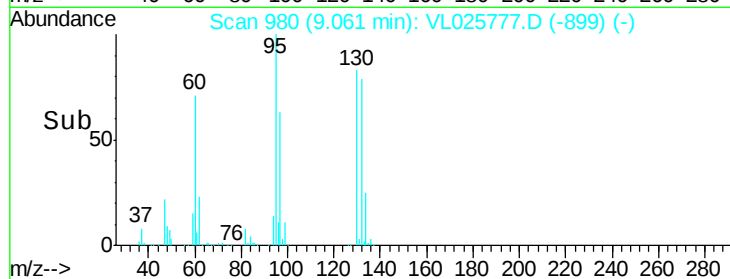
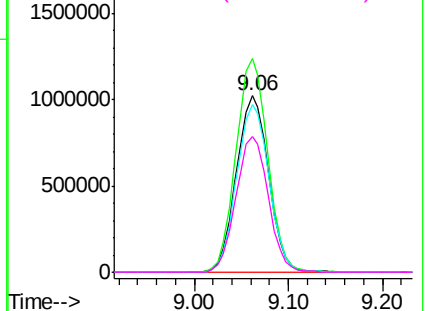


Abundance Ion 130.00 (129.70 to 130.70): V

Ion 95.00 (94.70 to 95.70): V

Ion 132.00 (131.70 to 132.70): V

Ion 97.00 (96.70 to 97.70): V



#52

Tetrachloroethene

Concen: 38.70 ppbv

RT: 12.80 min Scan# 1593

Delta R.T. 0.01 min

Lab File: VL025777.D

Acq: 28 Jul 2015 6:59

Tgt Ion:164 Resp: 2923583

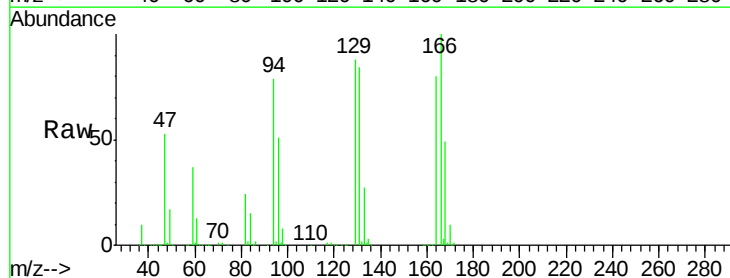
Ion Ratio Lower Upper

164 100

166 125.0 102.3 153.5

129 110.3 86.2 129.4

131 105.3 80.3 120.5

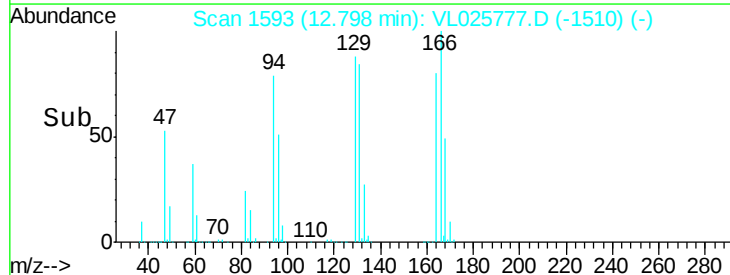
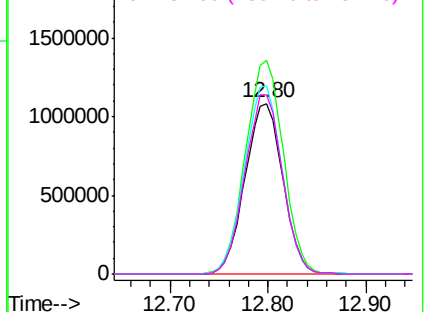


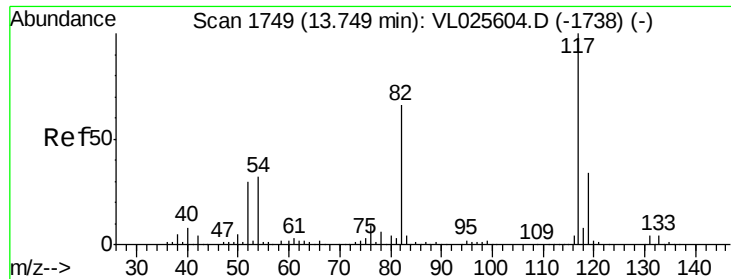
Abundance Ion 163.90 (163.60 to 164.60): V

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

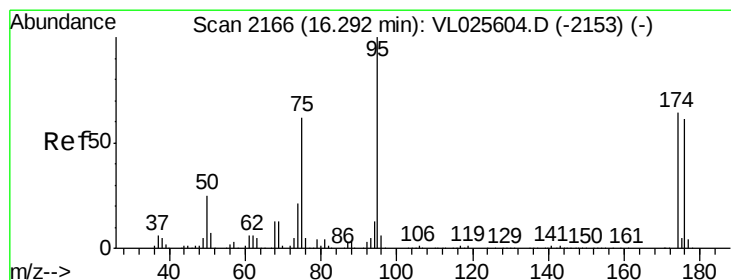
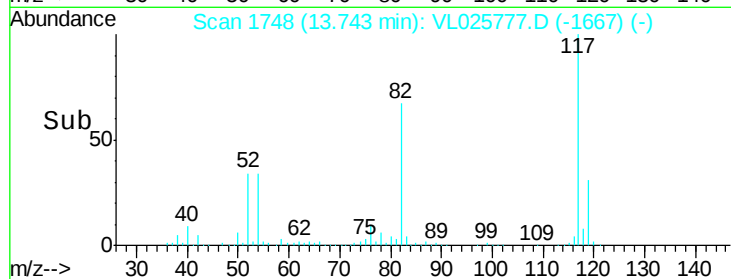
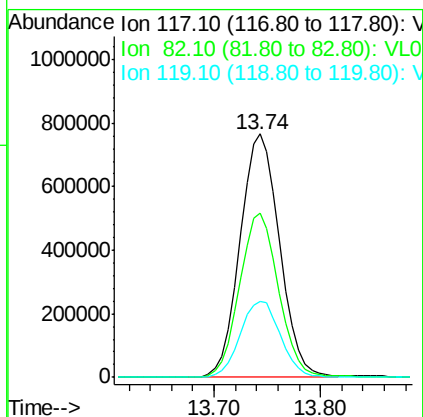
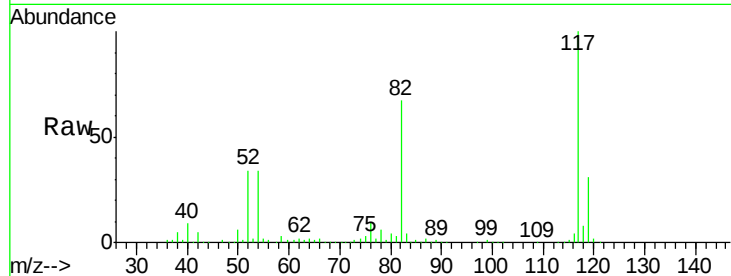




#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 13.74 min Scan# 1748
Delta R.T. -0.01 min
Lab File: VL025777.D
Acq: 28 Jul 2015 6:59

Instrument :
MSVOA_L
ClientSampleId :
DIN46-INFLUENT-072315DL

Tgt Ion: 117 Resp: 1998154
Ion Ratio Lower Upper
117 100
82 67.4 50.5 75.7
119 32.3 45.1 67.7#



#68
1-Bromo-4-Fluorobenzene
Concen: 10.53 ppbv
RT: 16.29 min Scan# 2165
Delta R.T. -0.01 min
Lab File: VL025777.D
Acq: 28 Jul 2015 6:59

Tgt Ion: 95 Resp: 1774331
Ion Ratio Lower Upper
95 100
174 63.1 52.0 78.0
175 4.8 3.9 5.9

