

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL072715\
 Data File : VL025779.D
 Acq On : 28 Jul 2015 8:19
 Operator : SY/MD
 Sample : G3040-04DL 1200X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ERD45-INFLUENT-072215DL

Quant Time: Jul 28 10:14:34 2015
 Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL070715AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 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	577023	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	8.32	114	1525806	10.00	ppbv	0.00
55) Chlorobenzene-d5	13.74	117	1873115	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	16.28	95	1685715	10.67	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.70%

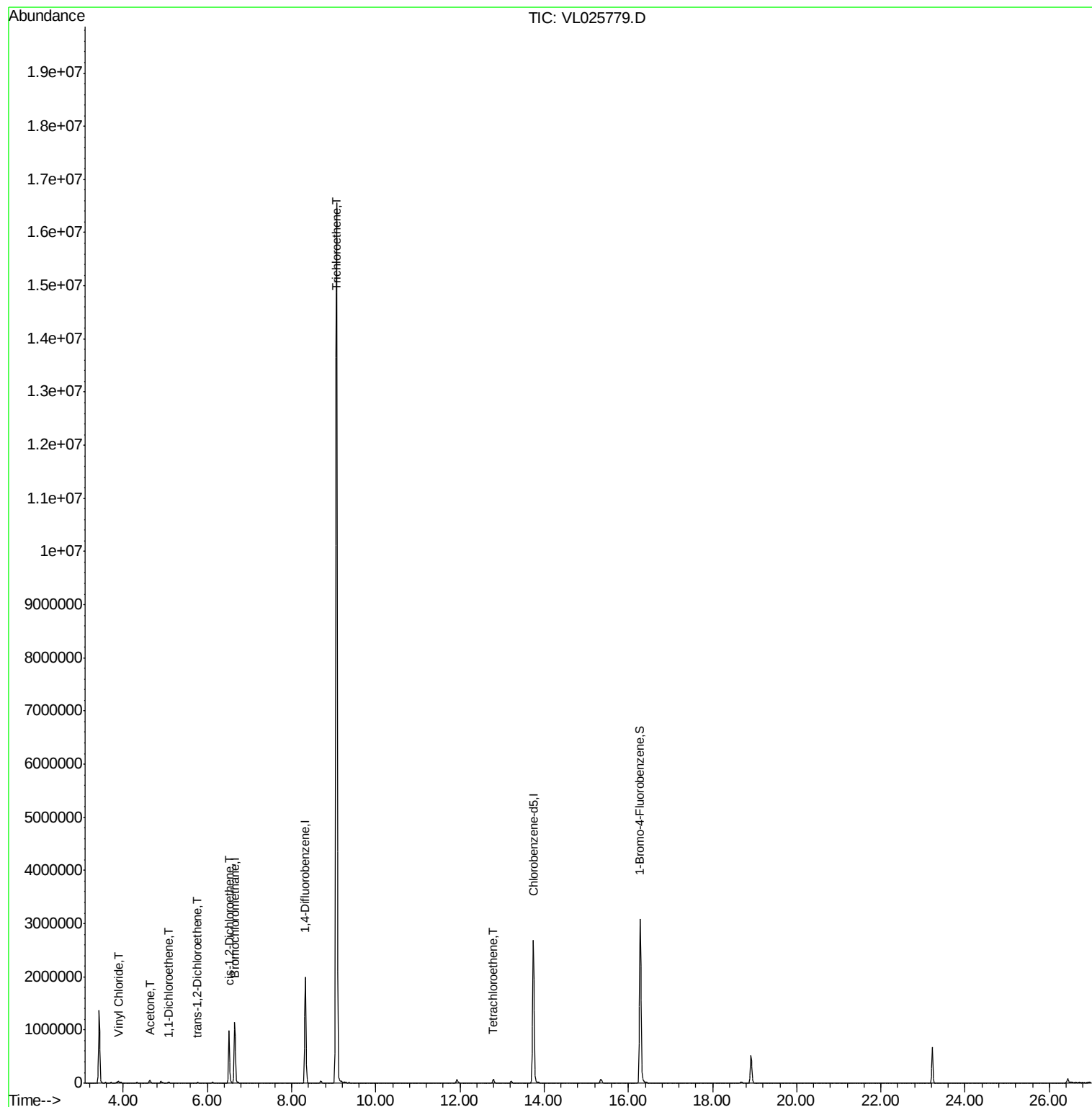
Target Compounds						Qvalue
5) Vinyl Chloride	3.89	62	37051	0.92	ppbv	100
15) Acetone	4.63	43	79147	0.78	ppbv	91
18) 1,1-Dichloroethene	5.09	96	2450	0.06	ppbv #	83
22) trans-1,2-Dichloroethene	5.76	96	7214	0.17	ppbv	81
31) cis-1,2-Dichloroethene	6.51	61	647933	8.98	ppbv	99
38) Trichloroethene	9.07	130	5938921	87.41	ppbv	96
52) Tetrachloroethene	12.80	164	19767	0.27	ppbv	83

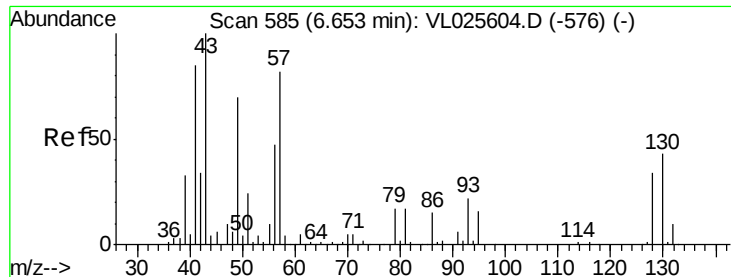
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 6.65 min Scan# 584

Delta R.T. -0.01 min

Lab File: VL025779.D

Acq: 28 Jul 2015 8:19

Instrument :

MSVOA_L

ClientSampleId :

ERD45-INFLUENT-072215DL

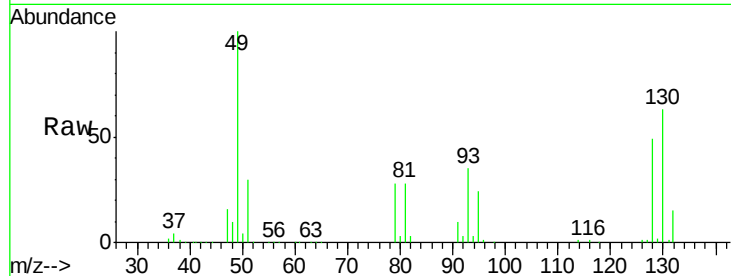
Tgt Ion: 49 Resp: 577023

Ion Ratio Lower Upper

49 100

128 51.6 25.4 76.0

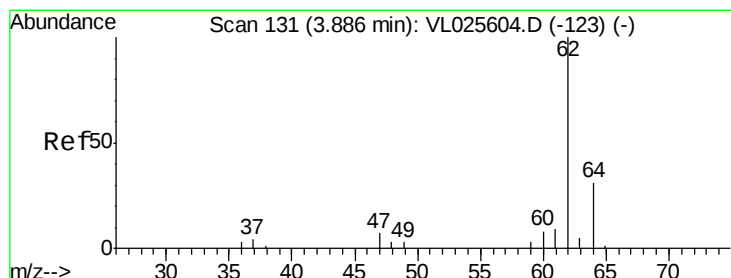
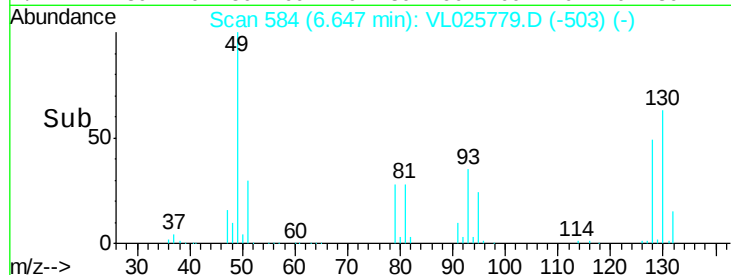
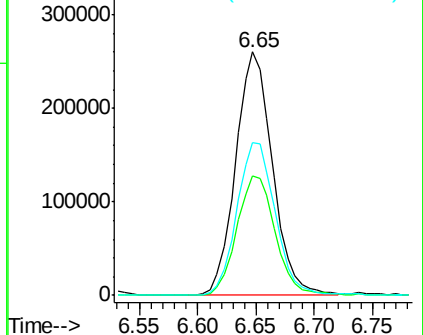
130 65.9 31.9 95.9



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



#5

Vinyl Chloride

Concen: 0.92 ppbv

RT: 3.89 min Scan# 132

Delta R.T. 0.01 min

Lab File: VL025779.D

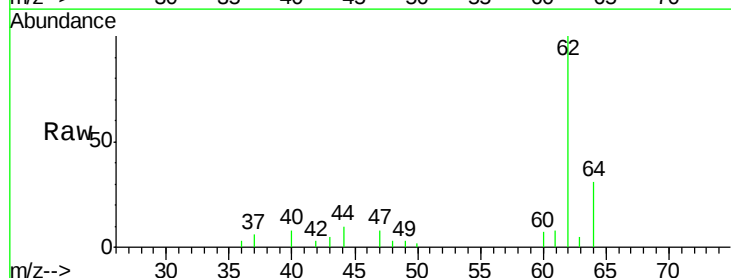
Acq: 28 Jul 2015 8:19

Tgt Ion: 62 Resp: 37051

Ion Ratio Lower Upper

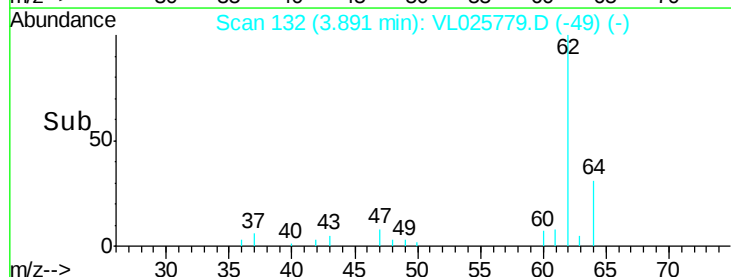
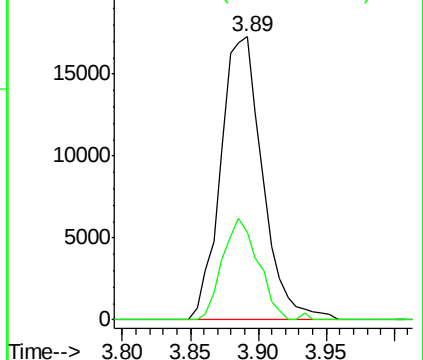
62 100

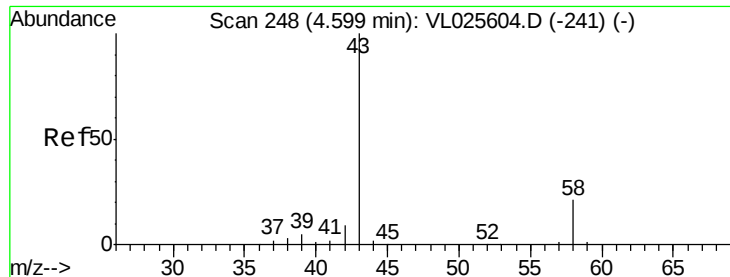
64 31.1 25.0 37.6



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0





#15

Acetone

Concen: 0.78 ppbv

RT: 4.63 min Scan# 253

Delta R.T. 0.03 min

Lab File: VL025779.D

Acq: 28 Jul 2015 8:19

Instrument :

MSVOA_L

ClientSampleId :

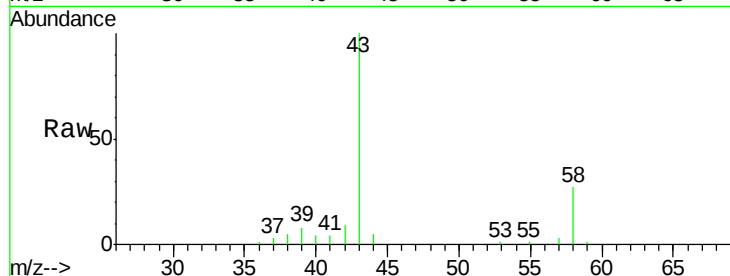
ERD45-INFLUENT-072215DL

Tgt Ion: 43 Resp: 79147

Ion Ratio Lower Upper

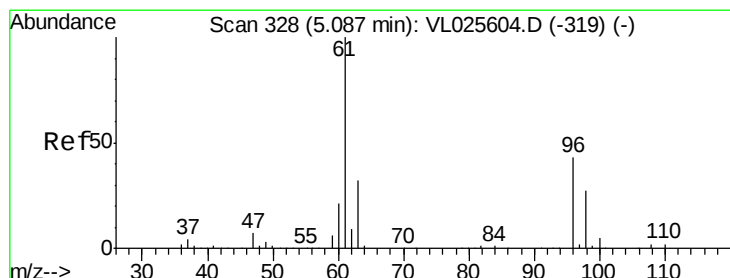
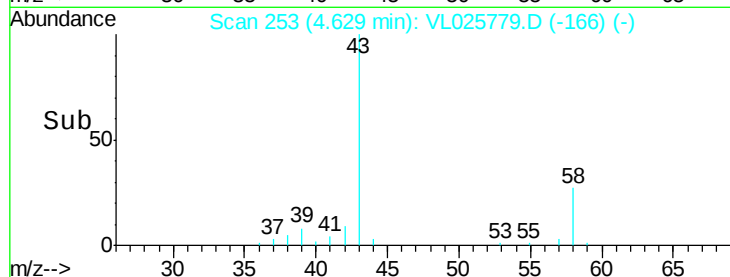
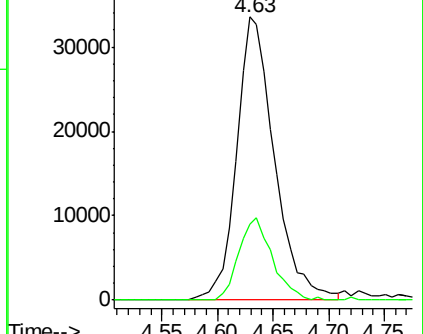
43 100

58 25.8 17.2 25.8



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#18

1,1-Dichloroethene

Concen: 0.06 ppbv

RT: 5.09 min Scan# 328

Delta R.T. -0.00 min

Lab File: VL025779.D

Acq: 28 Jul 2015 8:19

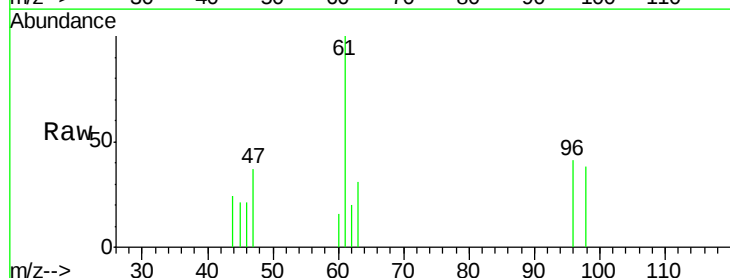
Tgt Ion: 96 Resp: 2450

Ion Ratio Lower Upper

96 100

61 212.8 184.1 276.1

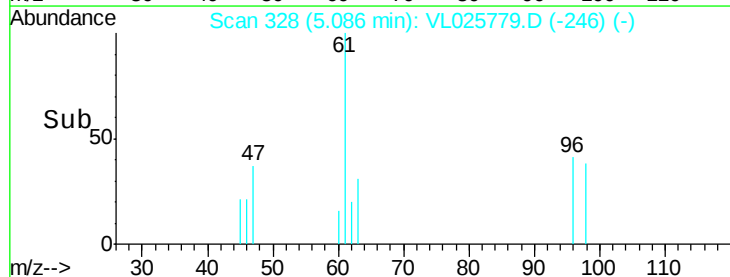
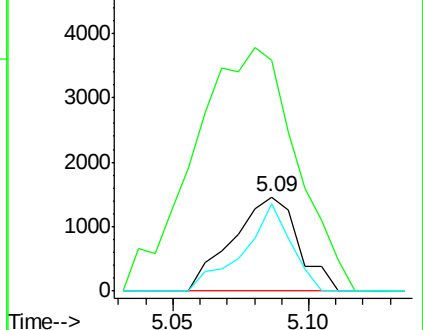
98 93.0 50.0 75.0#

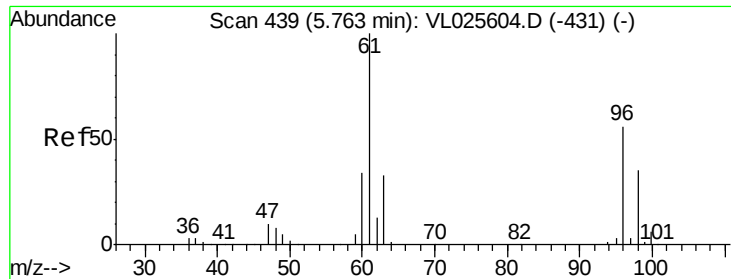


Abundance Ion 96.00 (95.70 to 96.70): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

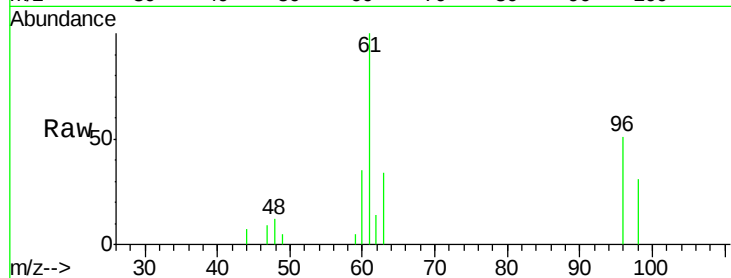




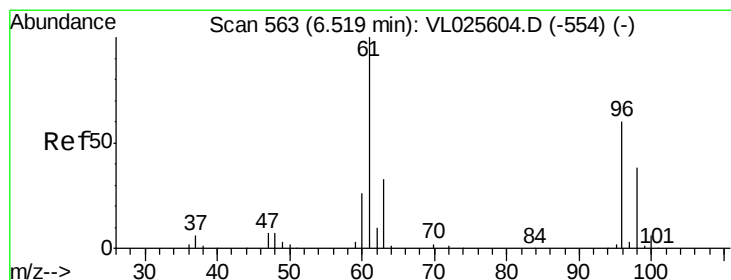
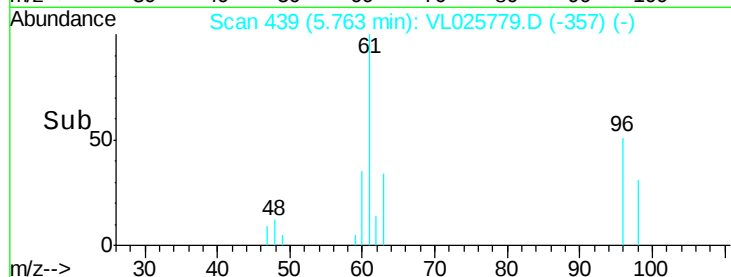
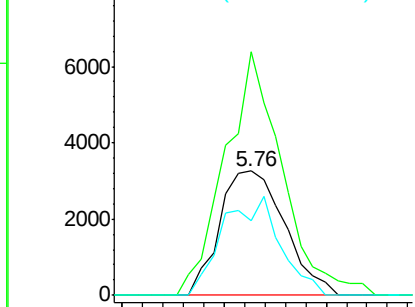
#22
trans-1,2-Dichloroethene
Concen: 0.17 ppbv
RT: 5.76 min Scan# 439
Delta R.T. -0.00 min
Lab File: VL025779.D
Acq: 28 Jul 2015 8:19

Instrument :
MSVOA_L
ClientSampleId :
ERD45-INFLUENT-072215DL

Tgt Ion: 96 Resp: 7214
Ion Ratio Lower Upper
96 100
61 211.9 141.8 212.6
98 60.3 49.0 73.6

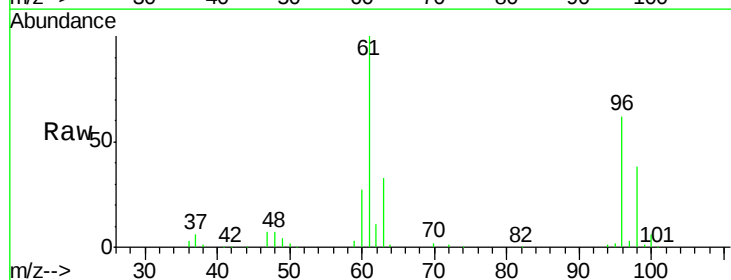


Abundance Ion 96.00 (95.70 to 96.70): VL0
Ion 61.10 (60.80 to 61.80): VL0
Ion 98.00 (97.70 to 98.70): VL0

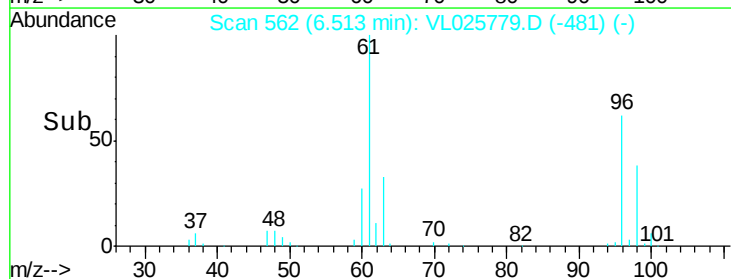
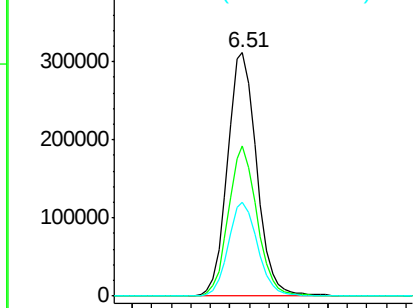


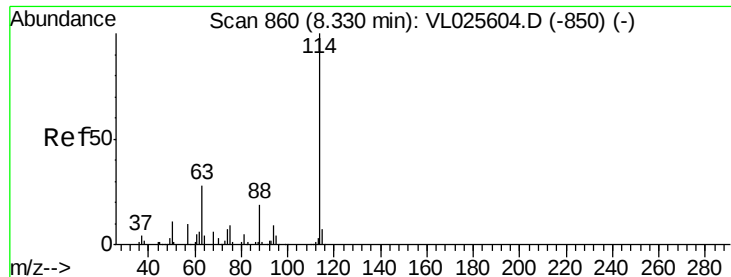
#31
cis-1,2-Dichloroethene
Concen: 8.98 ppbv
RT: 6.51 min Scan# 562
Delta R.T. -0.01 min
Lab File: VL025779.D
Acq: 28 Jul 2015 8:19

Tgt Ion: 61 Resp: 647933
Ion Ratio Lower Upper
61 100
96 61.8 48.1 72.1
98 38.4 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: VL025779.D

Acq: 28 Jul 2015 8:19

Instrument :

MSVOA_L

ClientSampleId :

ERD45-INFLUENT-072215DL

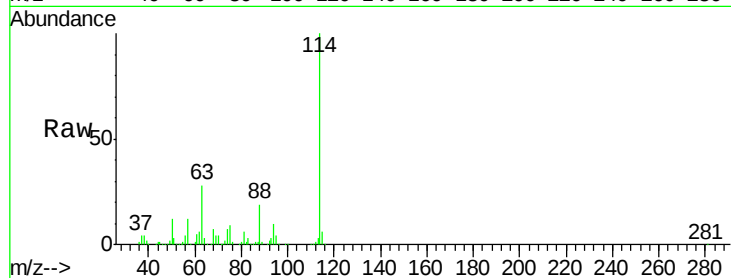
Tgt Ion:114 Resp: 1525806

Ion Ratio Lower Upper

114 100

63 27.6 22.4 33.6

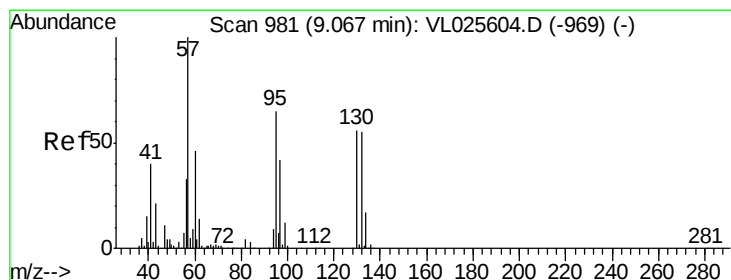
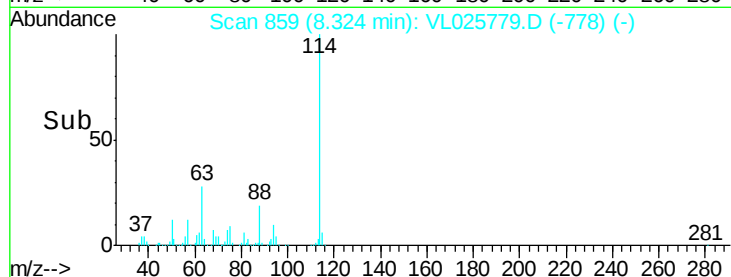
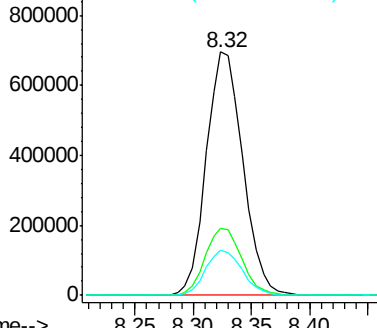
88 18.5 15.0 22.4



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: 87.41 ppbv

RT: 9.07 min Scan# 981

Delta R.T. -0.00 min

Lab File: VL025779.D

Acq: 28 Jul 2015 8:19

Tgt Ion:130 Resp: 5938921

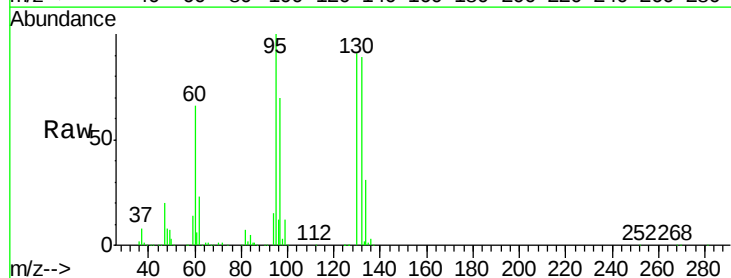
Ion Ratio Lower Upper

130 100

95 109.4 94.2 141.4

132 96.9 78.6 118.0

97 76.6 60.6 90.8

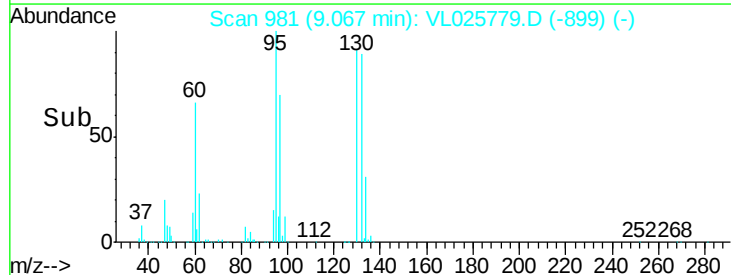
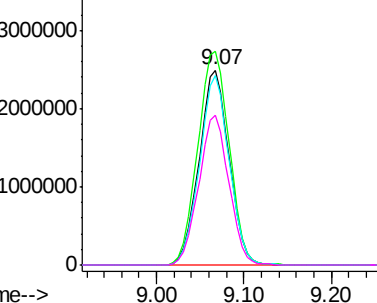


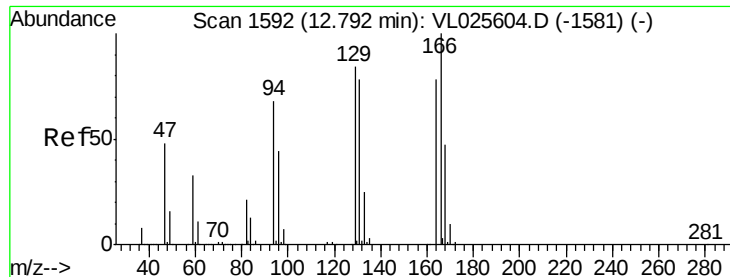
Abundance Ion 130.00 (129.70 to 130.70): V

Ion 95.00 (94.70 to 95.70): VL0

Ion 132.00 (131.70 to 132.70): V

Ion 97.00 (96.70 to 97.70): VL0





#52

Tetrachloroethene

Concen: 0.27 ppbv

RT: 12.80 min Scan# 1593

Delta R.T. 0.01 min

Lab File: VL025779.D

Acq: 28 Jul 2015 8:19

Instrument :

MSVOA_L

ClientSampleId :

ERD45-INFLUENT-072215DL

Tgt Ion:164 Resp: 19767

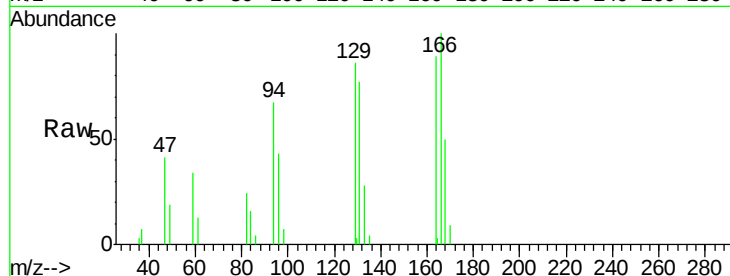
Ion Ratio Lower Upper

164 100

166 107.7 102.3 153.5

129 92.8 86.2 129.4

131 82.5 80.3 120.5



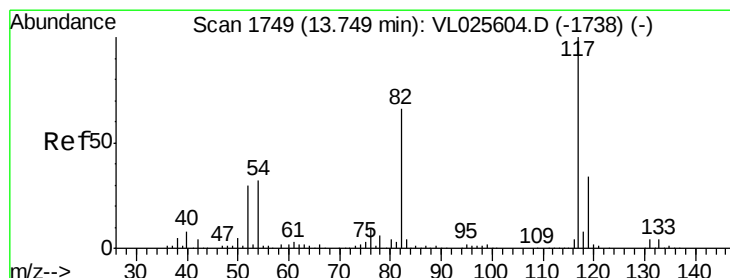
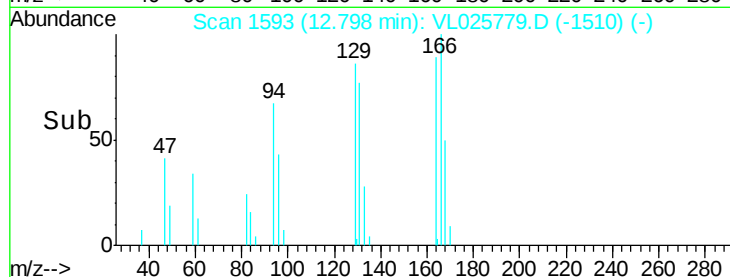
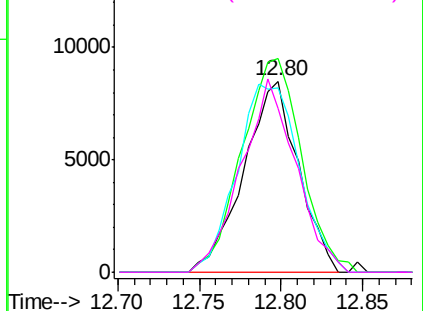
Abundance

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: VL025779.D

Acq: 28 Jul 2015 8:19

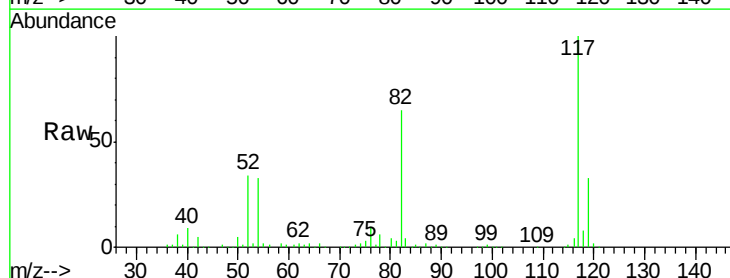
Tgt Ion:117 Resp: 1873115

Ion Ratio Lower Upper

117 100

82 67.3 50.5 75.7

119 33.1 45.1 67.7#

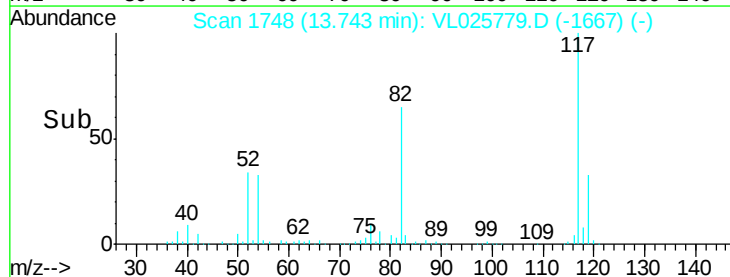
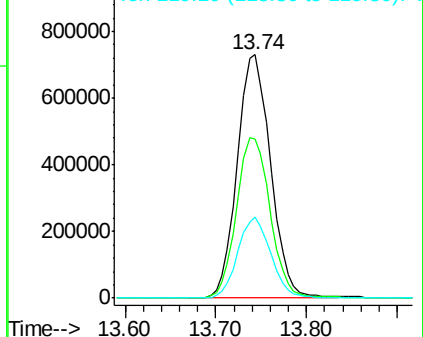


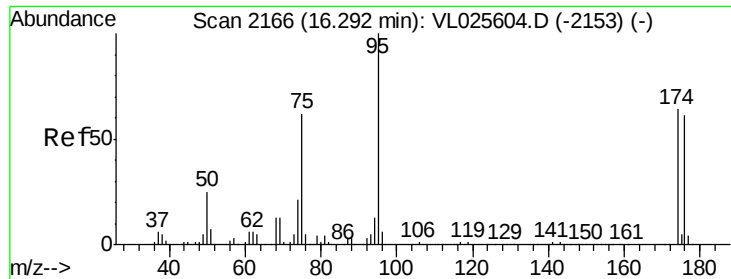
Abundance

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: 10.67 ppbv

RT: 16.28 min Scan# 2164

Delta R.T. -0.01 min

Lab File: VL025779.D

Acq: 28 Jul 2015 8:19

Instrument :

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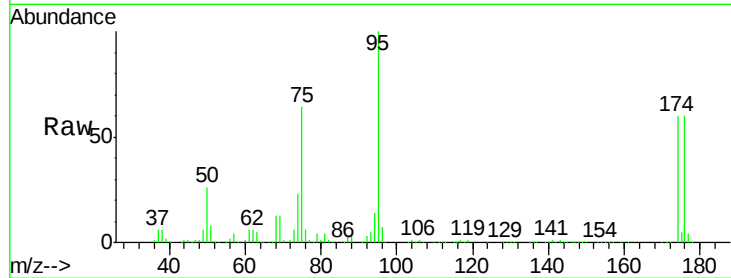
Tgt Ion: 95 Resp: 1685715

Ion Ratio Lower Upper

95 100

174 63.2 52.0 78.0

175 4.7 3.9 5.9



Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

