

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL072715\
 Data File : VL025773.D
 Acq On : 28 Jul 2015 4:20
 Operator : SY/MD
 Sample : G3040-05DL 1200X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ERD45-MIDPOINT-072215DL

Quant Time: Jul 28 07:25:21 2015
 Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL070715AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LWed 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	632870	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	8.32	114	1649085	10.00	ppbv	0.00
55) Chlorobenzene-d5	13.74	117	2066810	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	16.29	95	1774210	10.18	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.80%

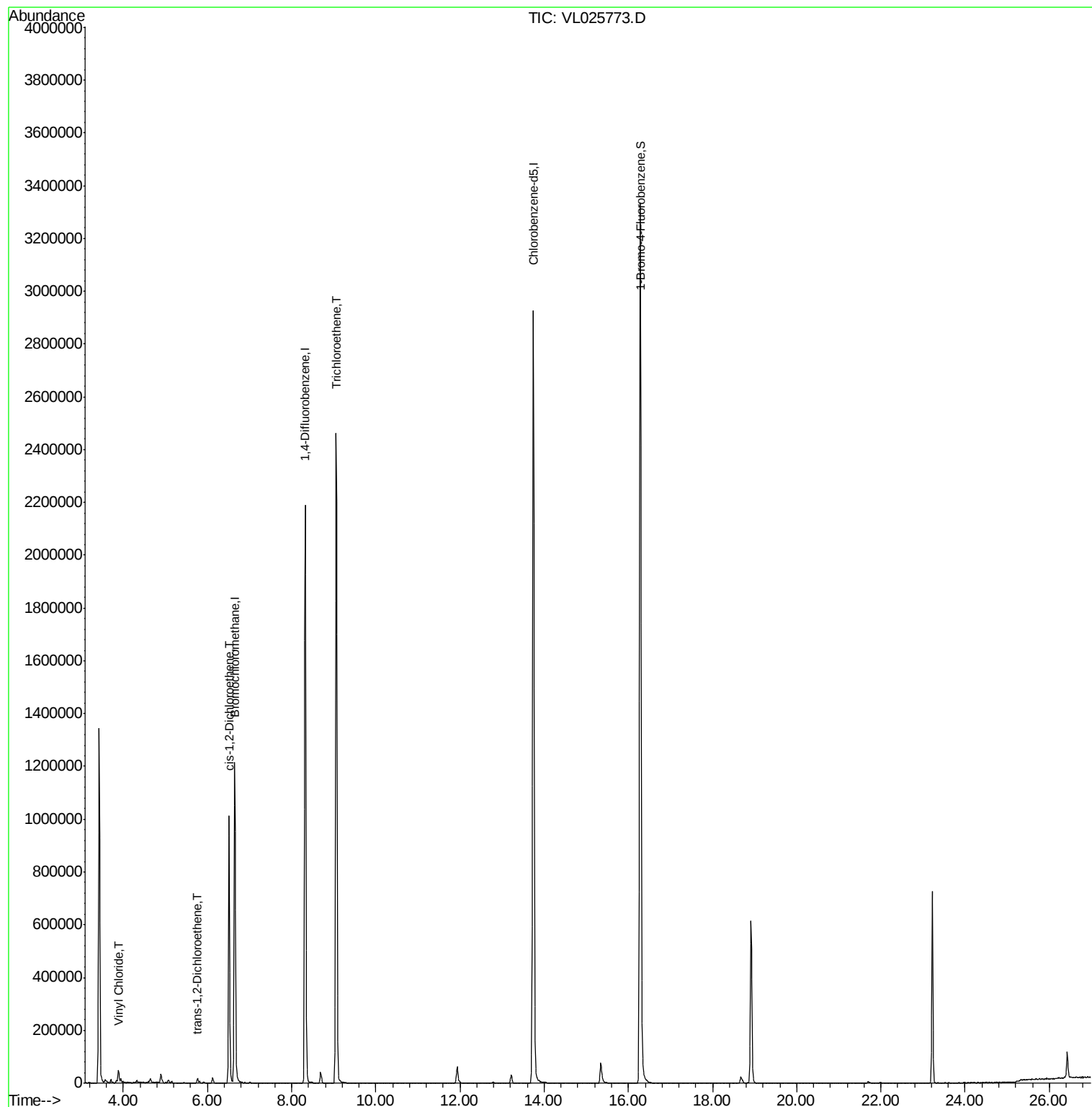
Target Compounds						Qvalue
5) Vinyl Chloride	3.89	62	49937	1.14	ppbv	98
22) trans-1,2-Dichloroethene	5.77	96	6081	0.13	ppbv	94
31) cis-1,2-Dichloroethene	6.51	61	661456	8.36	ppbv	98
38) Trichloroethene	9.06	130	818613	11.15	ppbv	98

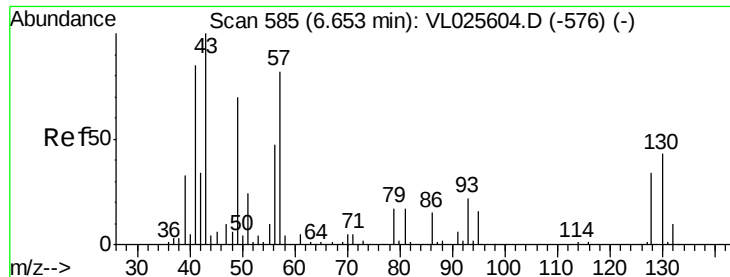
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VL025773.D

Acq: 28 Jul 2015 4:20

Instrument :

MSVOA_L

ClientSampleId :

ERD45-MIDPOINT-072215DL

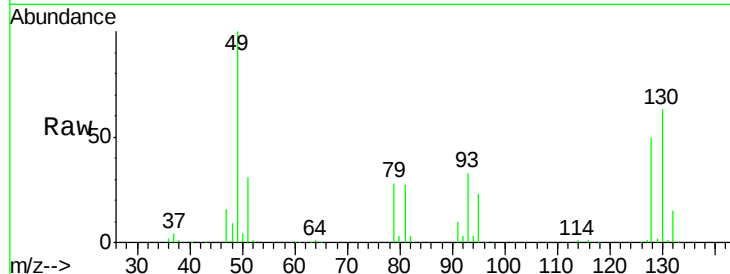
Tgt Ion: 49 Resp: 632870

Ion Ratio Lower Upper

49 100

128 51.8 25.4 76.0

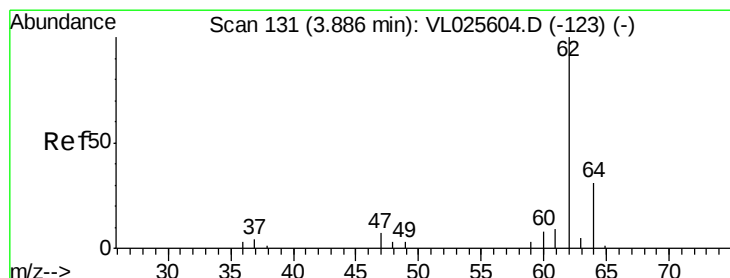
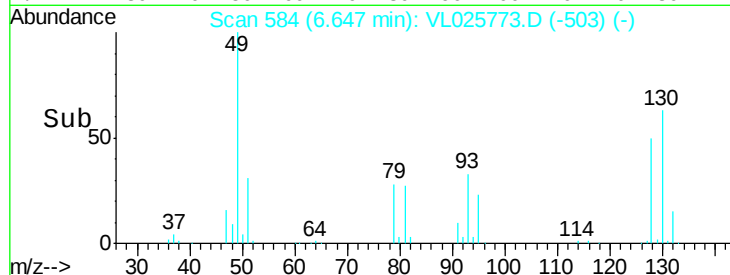
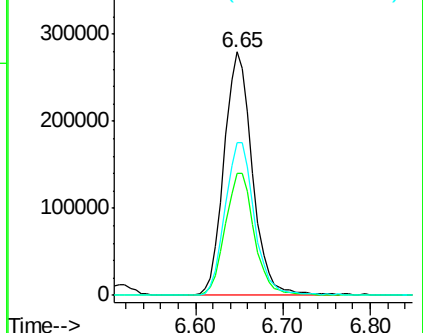
130 65.3 31.9 95.9



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



#5

Vinyl Chloride

Concen: 1.14 ppbv

RT: 3.89 min Scan# 131

Delta R.T. -0.00 min

Lab File: VL025773.D

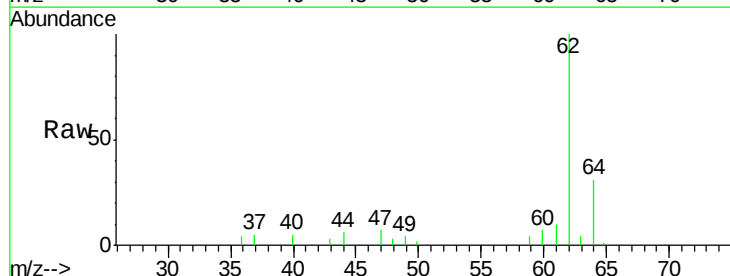
Acq: 28 Jul 2015 4:20

Tgt Ion: 62 Resp: 49937

Ion Ratio Lower Upper

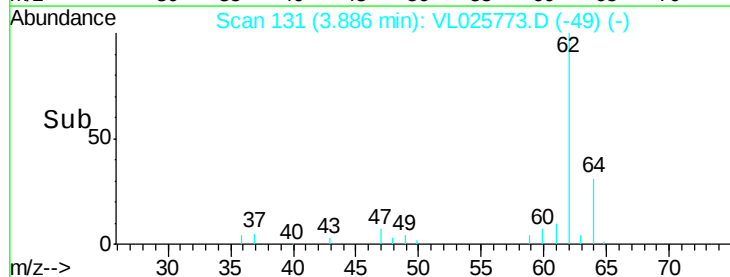
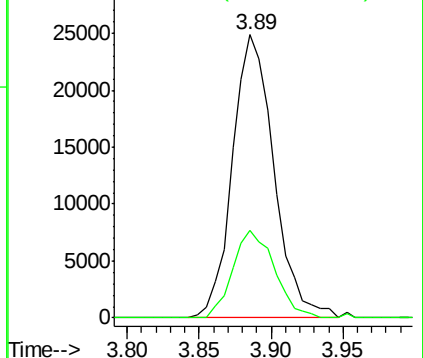
62 100

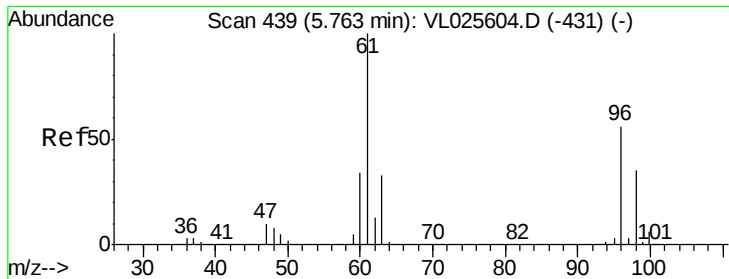
64 32.3 25.0 37.6



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0





#22

trans-1,2-Dichloroethene

Concen: 0.13 ppbv

RT: 5.77 min Scan# 440

Delta R.T. 0.01 min

Lab File: VL025773.D

Acq: 28 Jul 2015 4:20

Instrument :

MSVOA_L

ClientSampleId :

ERD45-MIDPOINT-072215DL

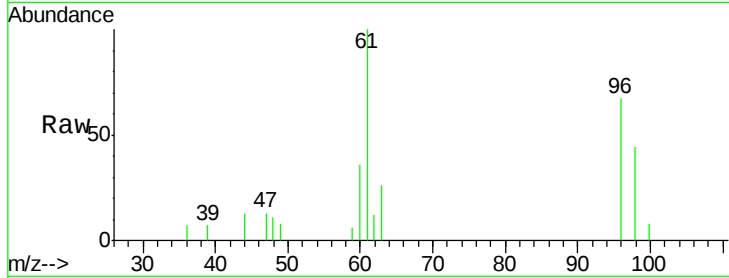
Tgt Ion: 96 Resp: 6081

Ion Ratio Lower Upper

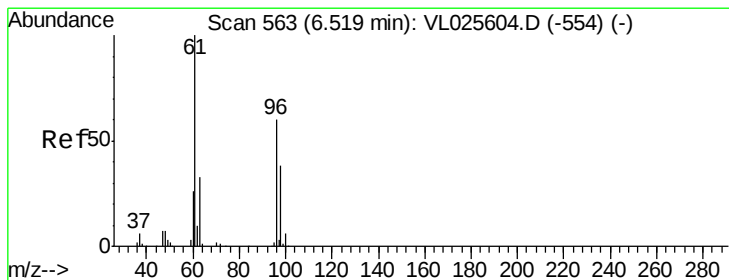
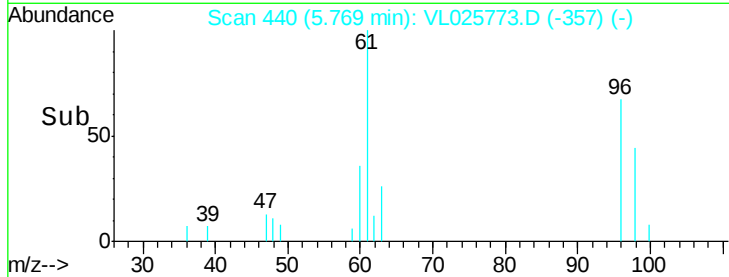
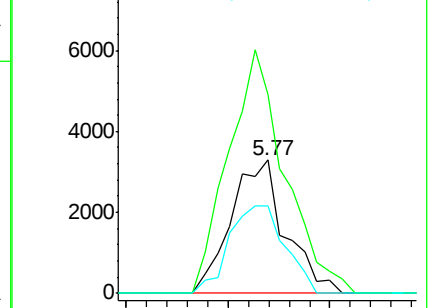
96 100

61 167.7 141.8 212.6

98 65.3 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: 8.36 ppbv

RT: 6.51 min Scan# 562

Delta R.T. -0.01 min

Lab File: VL025773.D

Acq: 28 Jul 2015 4:20

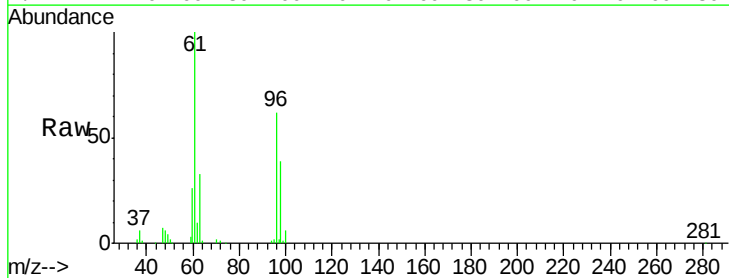
Tgt Ion: 61 Resp: 661456

Ion Ratio Lower Upper

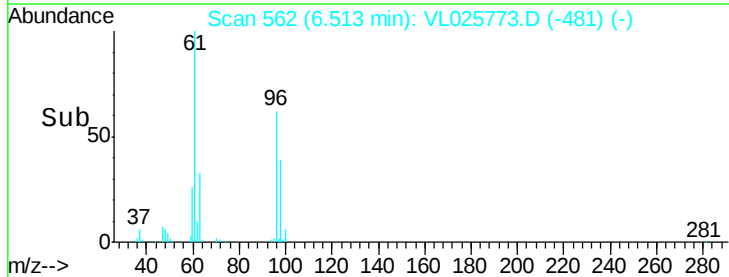
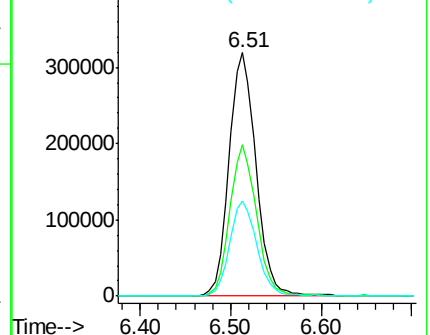
61 100

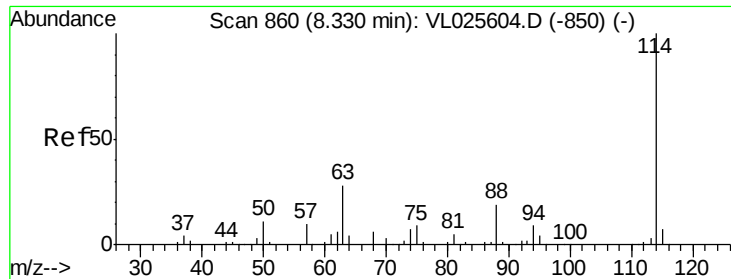
96 62.2 48.1 72.1

98 38.9 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

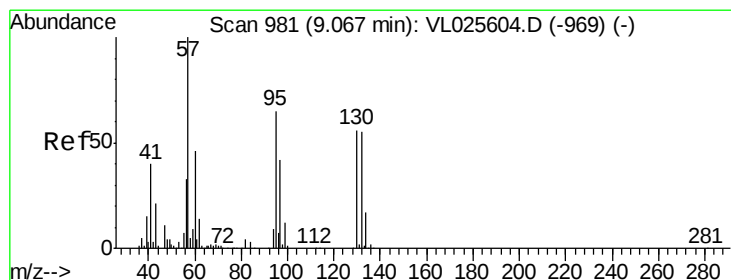
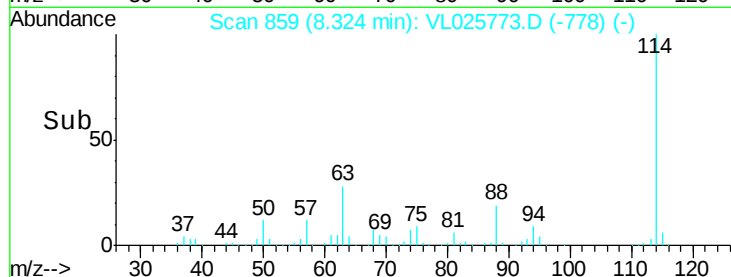
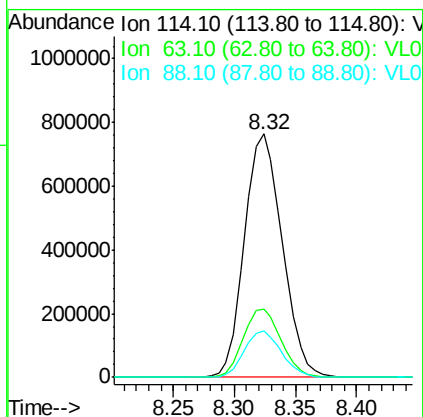
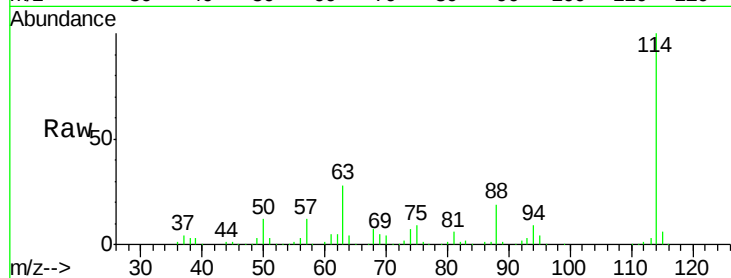




#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 8.32 min Scan# 859
 Delta R.T. -0.01 min
 Lab File: VL025773.D
 Acq: 28 Jul 2015 4:20

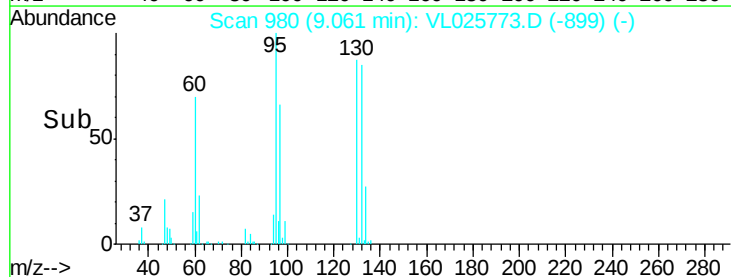
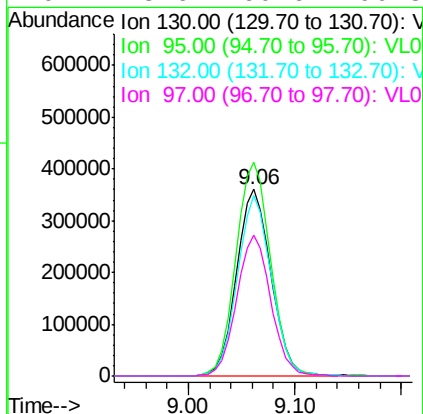
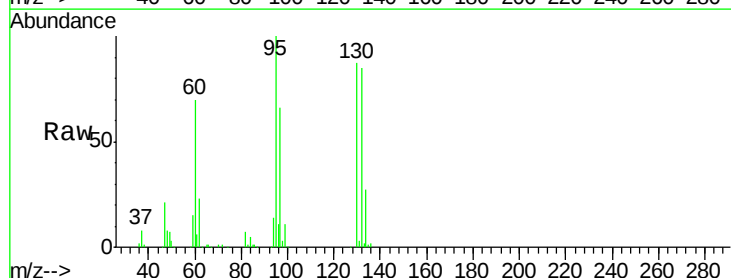
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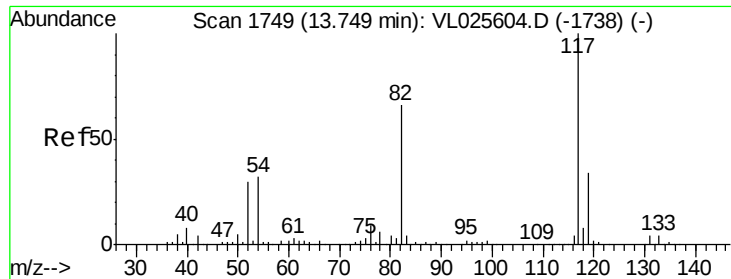
Tgt Ion:114 Resp: 1649085
 Ion Ratio Lower Upper
 114 100
 63 28.1 22.4 33.6
 88 18.9 15.0 22.4



#38
 Trichloroethene
 Concen: 11.15 ppbv
 RT: 9.06 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VL025773.D
 Acq: 28 Jul 2015 4:20

Tgt Ion:130 Resp: 818613
 Ion Ratio Lower Upper
 130 100
 95 114.4 94.2 141.4
 132 96.8 78.6 118.0
 97 75.6 60.6 90.8

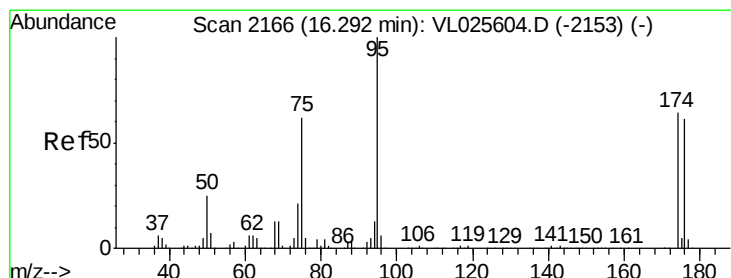
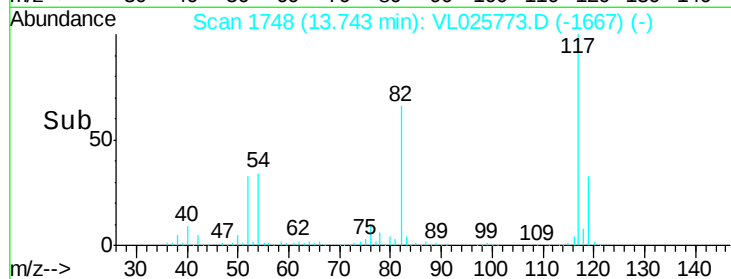
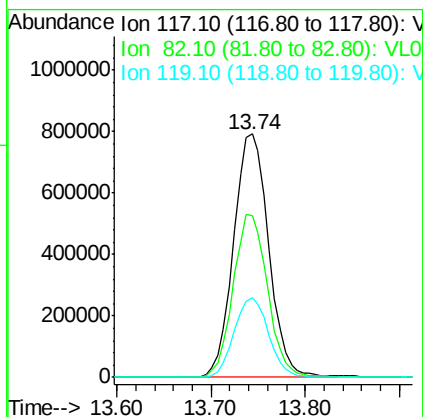
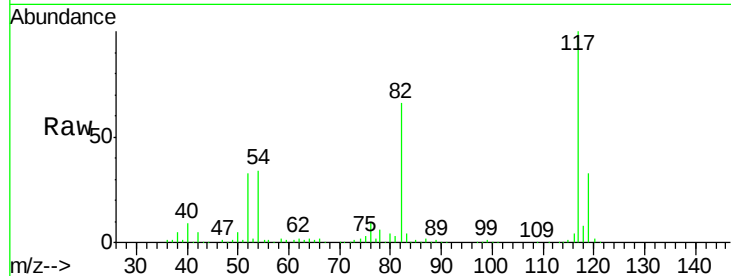




#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 13.74 min Scan# 1748
Delta R.T. -0.01 min
Lab File: VL025773.D
Acq: 28 Jul 2015 4:20

Instrument :
MSVOA_L
ClientSampleId :
ERD45-MIDPOINT-072215DL

Tgt Ion: 117 Resp: 2066810
Ion Ratio Lower Upper
117 100
82 66.1 50.5 75.7
119 32.5 45.1 67.7#



#68
1-Bromo-4-Fluorobenzene
Concen: 10.18 ppbv
RT: 16.29 min Scan# 2165
Delta R.T. -0.01 min
Lab File: VL025773.D
Acq: 28 Jul 2015 4:20

Tgt Ion: 95 Resp: 1774210
Ion Ratio Lower Upper
95 100
174 64.8 52.0 78.0
175 5.0 3.9 5.9

