

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL062918\
 Data File : VL032155.D
 Acq On : 30 Jun 2018 4:34
 Operator : SY/AP
 Sample : QC061218 CAN 10282
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC061218 CAN 10282

Quant Time: Jun 30 05:27:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062918AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Jun 29 22:27:58 2018
 QLast Update : Fri Jun 29 22:27:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.85	49	1674619	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.38	114	4196475	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.34	117	3814556	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.67	95	2907191	9.97	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.70%

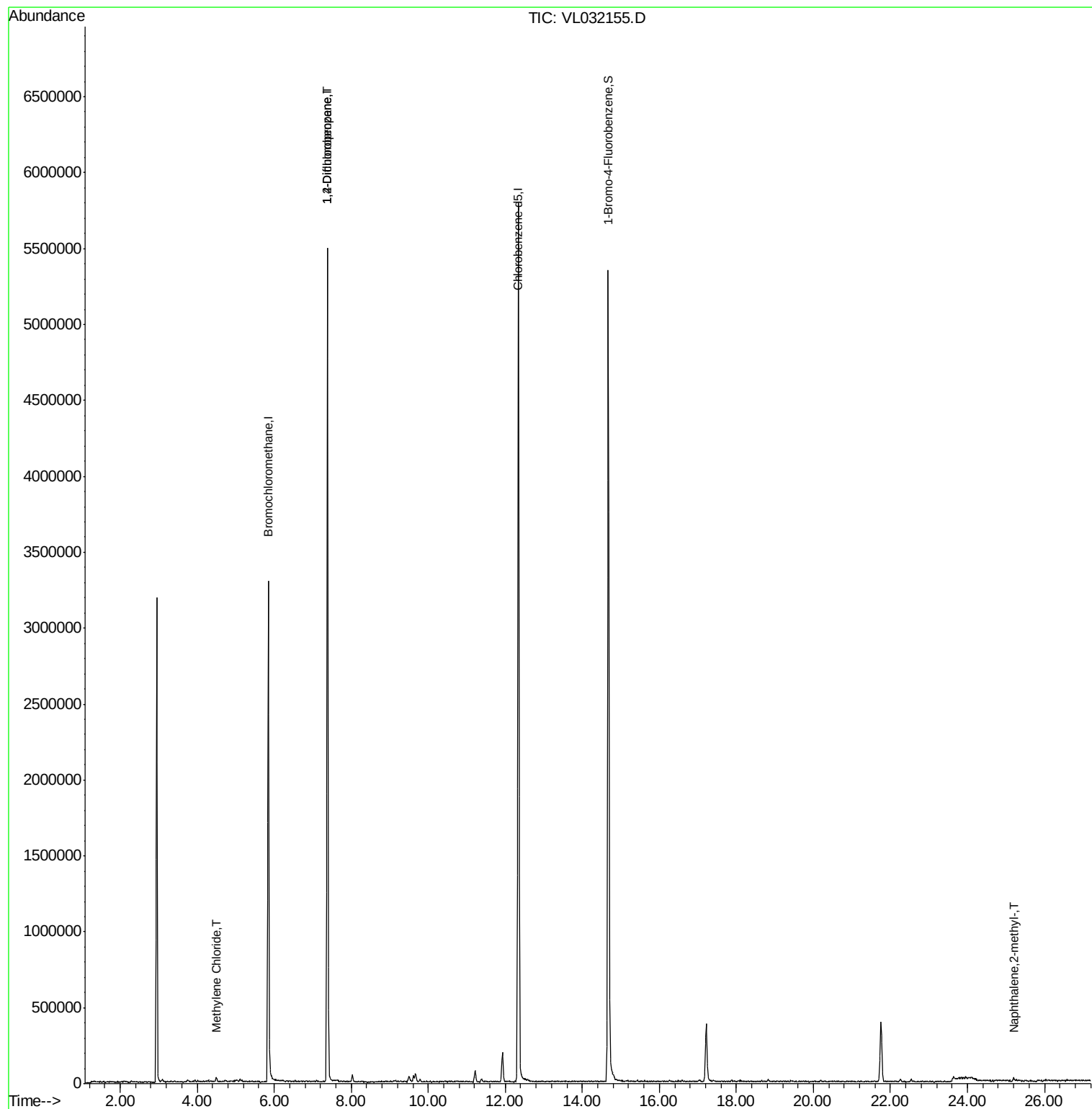
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.49	84	3127	0.044	ppbv #	71
39) 1,2-Dichloropropane	7.38	63	1076737	6.722	ppbv #	26
80) Naphthalene,2-methyl-	25.20	142	12589	0.064	ppbv #	75

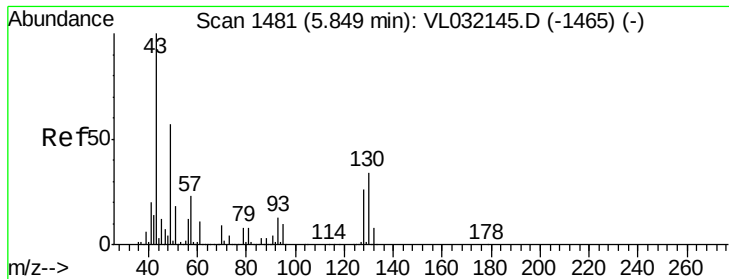
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 29 22:27:58 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.85 min Scan# 1480

Delta R.T. -0.02 min

Lab File: VL032155.D

Acq: 30 Jun 2018 4:34

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MSVOA_L

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QC061218 CAN 10282

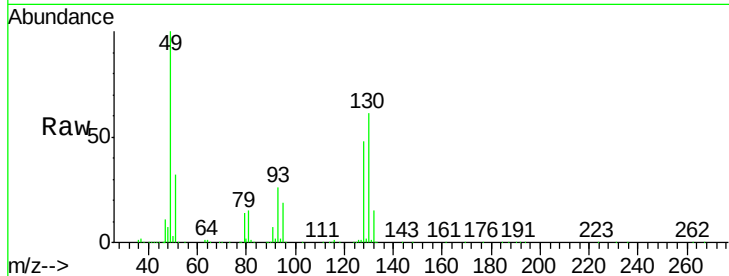
Tgt Ion: 49 Resp: 1674619

Ion Ratio Lower Upper

49 100

128 46.1 23.4 70.0

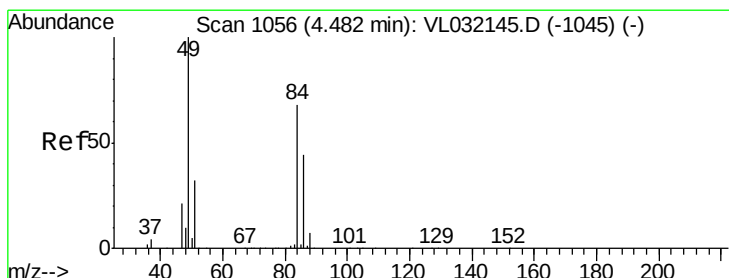
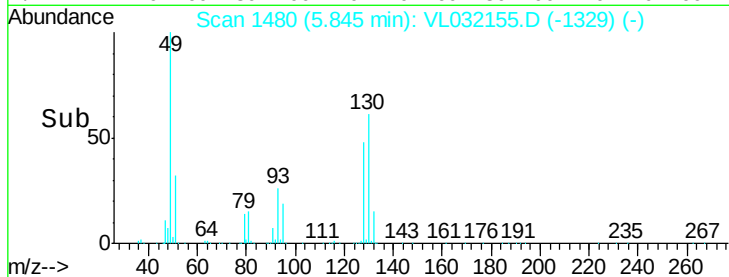
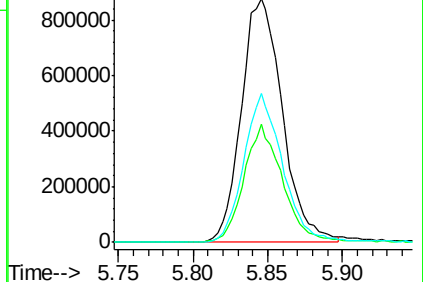
130 58.8 30.3 90.9



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



#20

Methylene Chloride

Concen: 0.044 ppbv

RT: 4.49 min Scan# 1057

Delta R.T. -0.01 min

Lab File: VL032155.D

Acq: 30 Jun 2018 4:34

Tgt Ion: 84 Resp: 3127

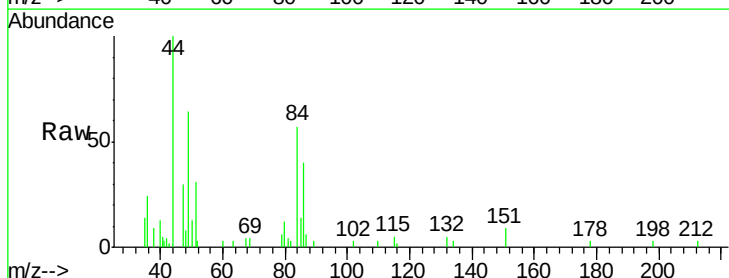
Ion Ratio Lower Upper

84 100

49 93.9 119.6 179.4#

51 54.5 36.3 54.5

86 59.4 49.7 74.5

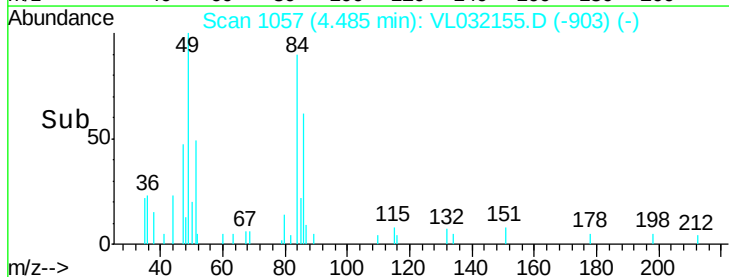
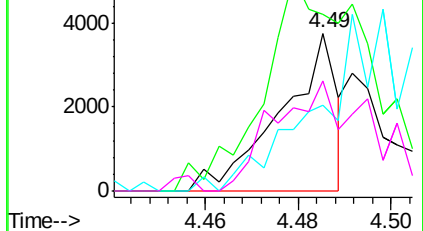


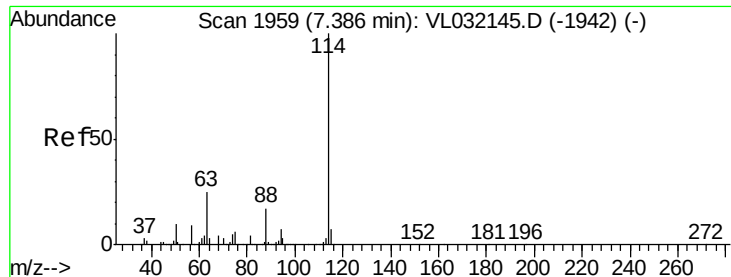
Abundance Ion 84.00 (83.70 to 84.70): VL0

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

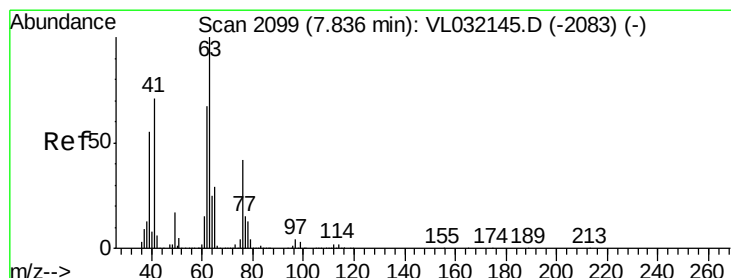
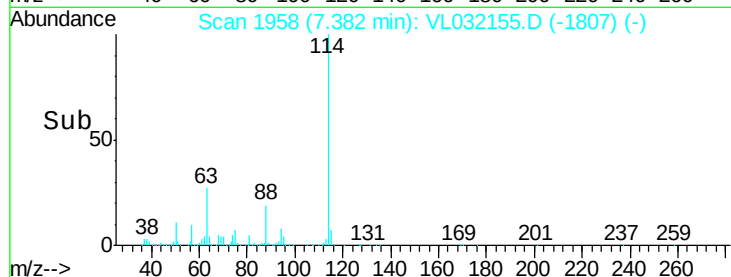
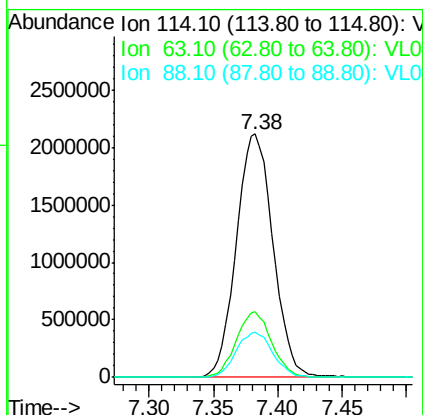
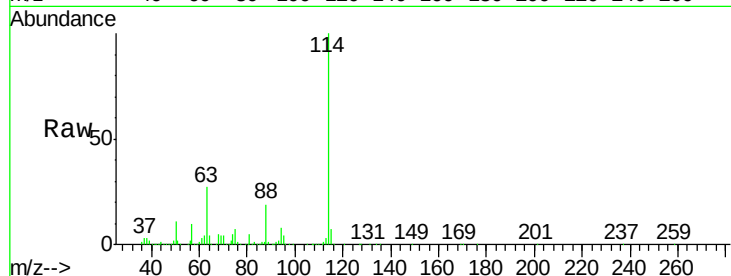




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.38 min Scan# 1958
 Delta R.T. -0.02 min
 Lab File: VL032155.D
 Acq: 30 Jun 2018 4:34

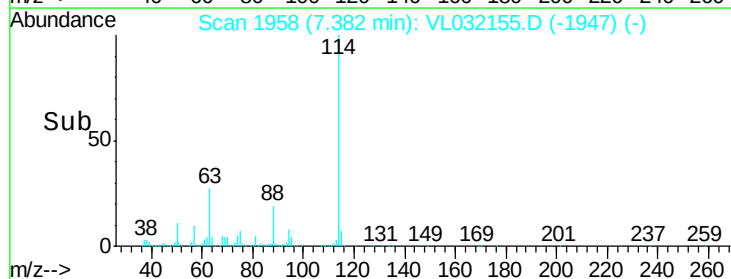
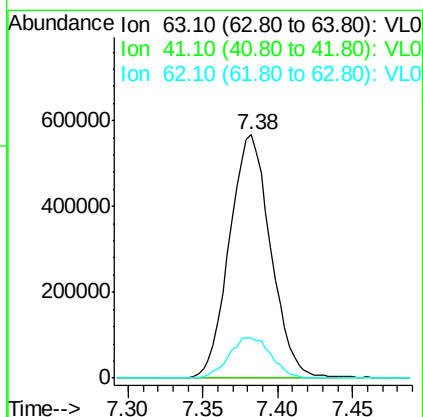
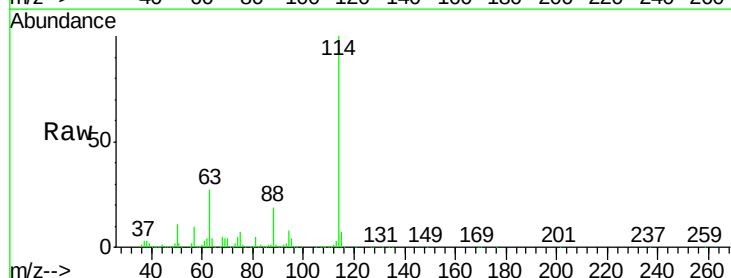
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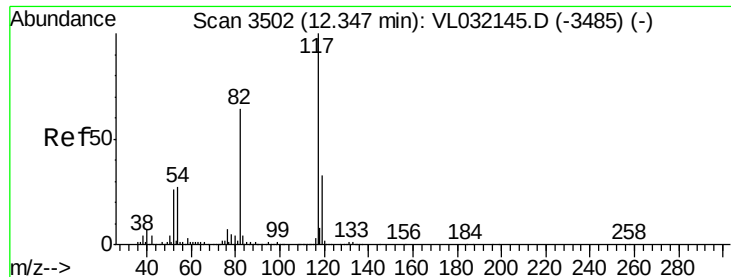
Tgt Ion: 114 Resp: 4196475
 Ion Ratio Lower Upper
 114 100
 63 26.1 19.1 28.7
 88 18.6 13.9 20.9



#39
 1,2-Dichloropropane
 Concen: 6.722 ppbv
 RT: 7.38 min Scan# 1958
 Delta R.T. -0.47 min
 Lab File: VL032155.D
 Acq: 30 Jun 2018 4:34

Tgt Ion: 63 Resp: 1076737
 Ion Ratio Lower Upper
 63 100
 41 0.0 53.3 79.9#
 62 16.3 54.8 82.2#

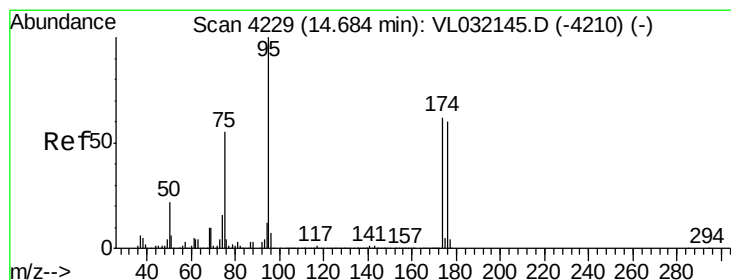
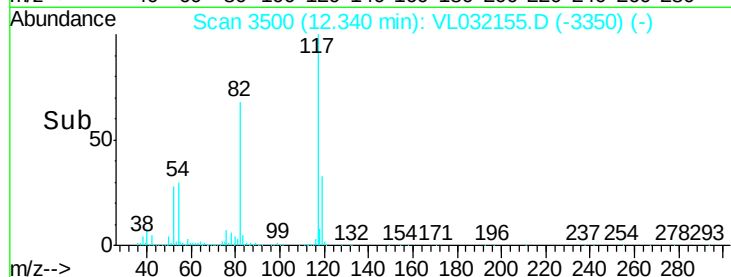
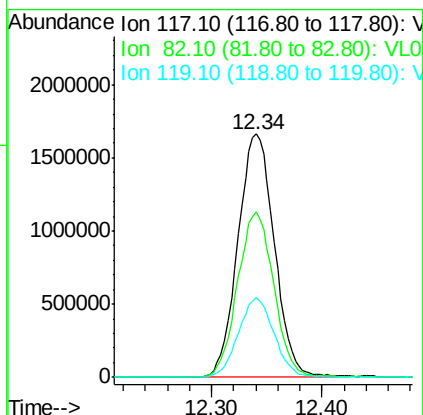
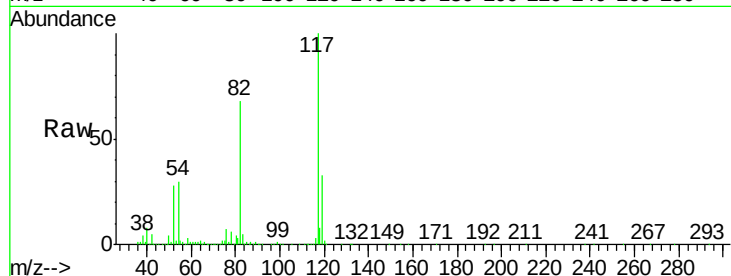




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.34 min Scan# 3500
Delta R.T. -0.02 min
Lab File: VL032155.D
Acq: 30 Jun 2018 4:34

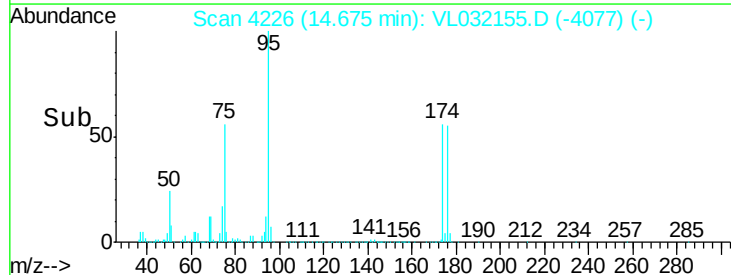
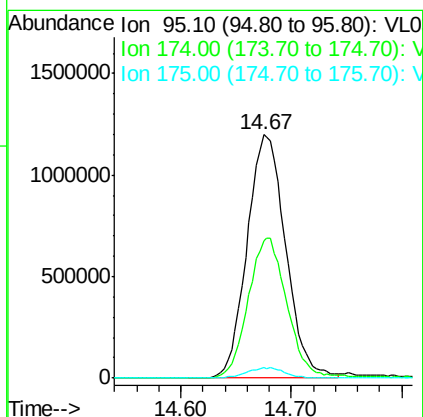
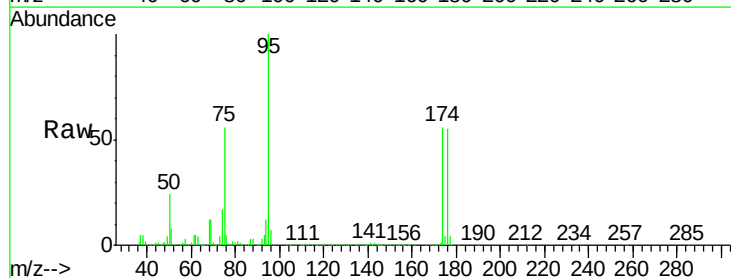
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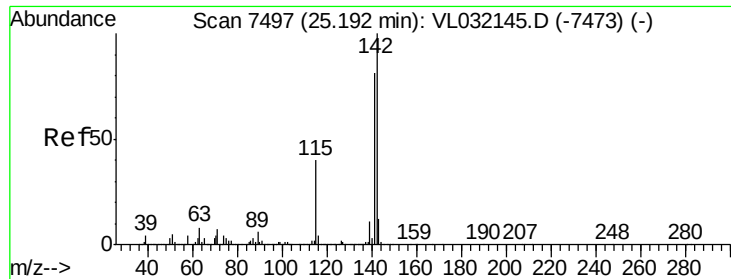
Tgt Ion: 117 Resp: 3814556
Ion Ratio Lower Upper
117 100
82 68.5 47.8 71.8
119 32.2 43.3 64.9#



#68
1-Bromo-4-Fluorobenzene
Concen: 9.970 ppbv
RT: 14.67 min Scan# 4226
Delta R.T. -0.02 min
Lab File: VL032155.D
Acq: 30 Jun 2018 4:34

Tgt Ion: 95 Resp: 2907191
Ion Ratio Lower Upper
95 100
174 58.1 52.1 78.1
175 4.3 4.0 6.0





#80

Naphthalene, 2-methyl-

Concen: 0.064 ppbv

RT: 25.20 min Scan# 7499

Delta R.T. -0.01 min

Lab File: VL032155.D

Acq: 30 Jun 2018 4:34

Instrument :

MSVOA_L

ClientSampleId :

QC061218 CAN 10282

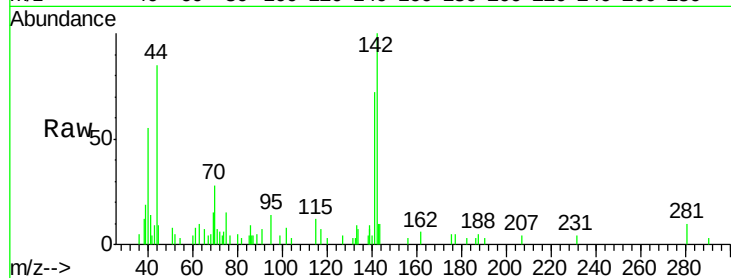
Tgt Ion:142 Resp: 12589

Ion Ratio Lower Upper

142 100

141 102.5 65.8 98.6#

115 54.6 29.4 44.0#



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 141.00 (140.70 to 141.70): V

Ion 115.00 (114.70 to 115.70): V

