

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL092418\
 Data File : VL032524.D
 Acq On : 25 Sep 2018 00:58
 Operator : SY/AP
 Sample : QC091118 CAN 10289
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC091118 CAN 10289

Quant Time: Sep 25 05:35:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL092418AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Tue Sep 25 05:17:15 2018
 QLast Update : Tue Sep 25 05:17:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.79	49	1541056	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.32	114	3353070	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.27	117	3258576	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.61	95	2447872	9.96	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.60%

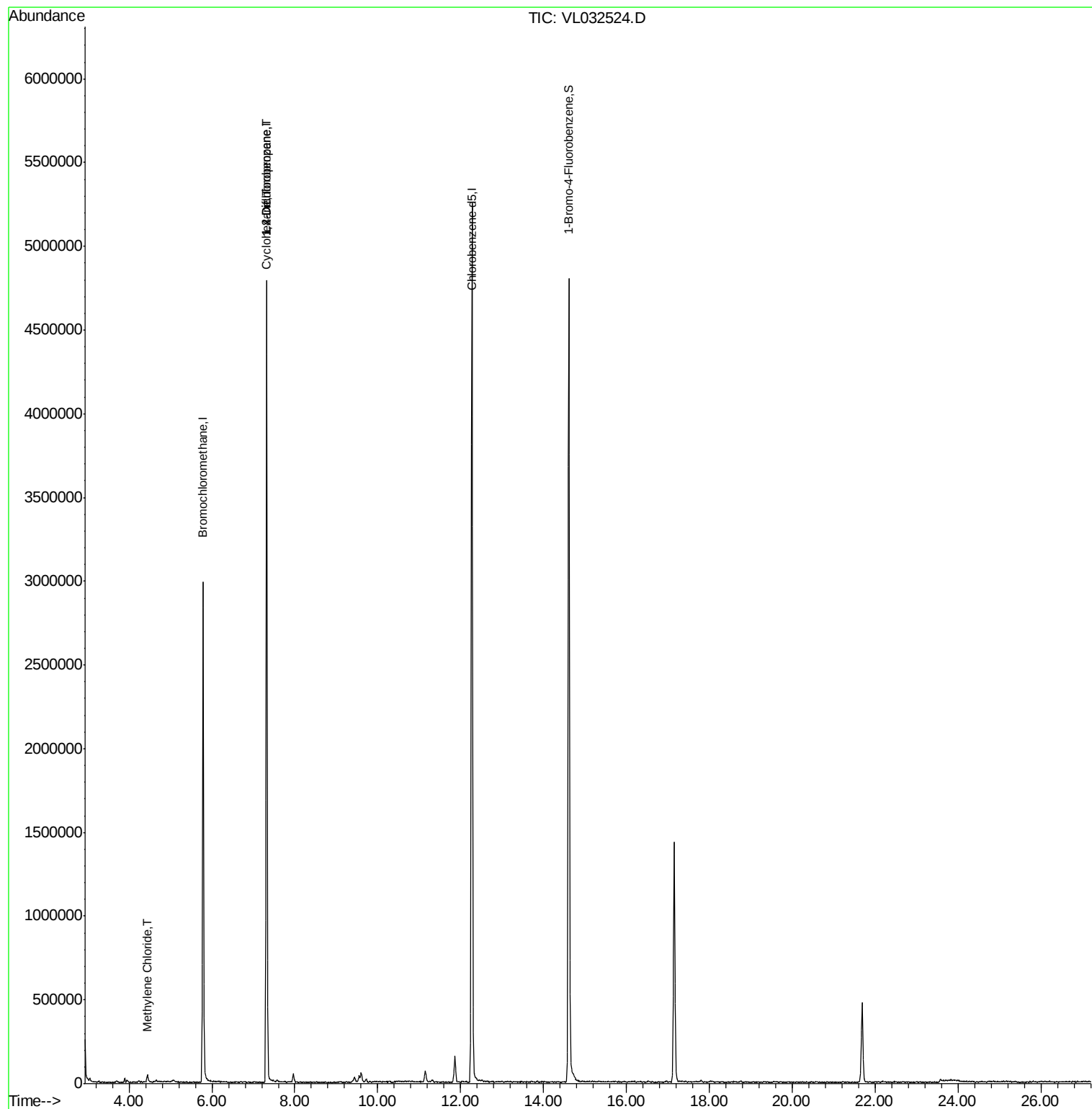
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.43	84	5439	0.083	ppbv #	82
30) Cyclohexane	7.30	84	5394	0.045	ppbv #	1
39) 1,2-Dichloropropane	7.32	63	913360	7.479	ppbv #	24

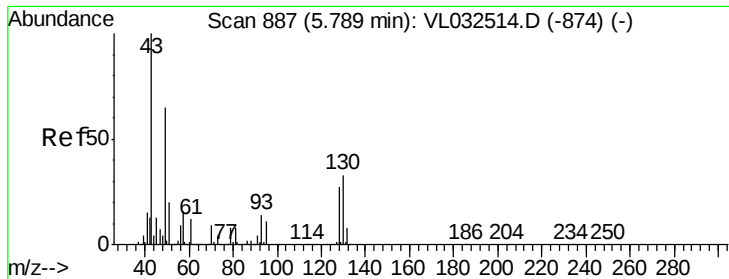
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.79 min Scan# 886

Delta R.T. -0.02 min

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Instrument :

MSVOA_L

ClientSampleId :

QC091118 CAN 10289

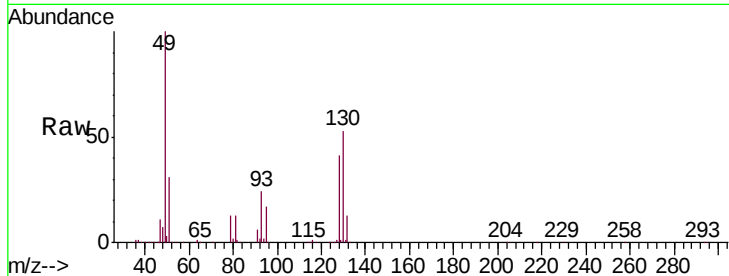
Tgt Ion: 49 Resp: 1541056

Ion Ratio Lower Upper

49 100

128 42.1 20.7 62.1

130 54.1 26.6 79.7

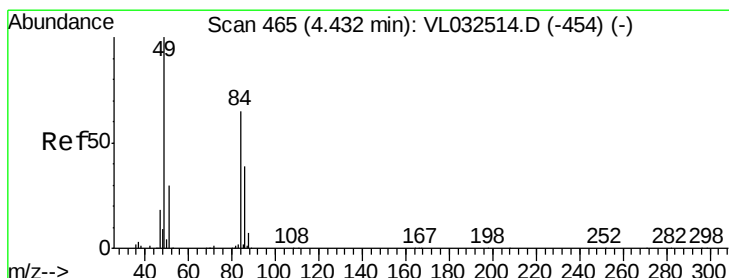
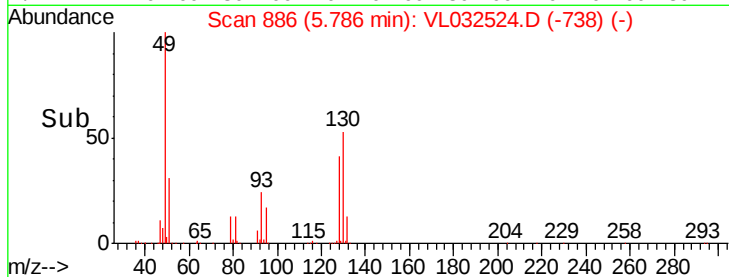
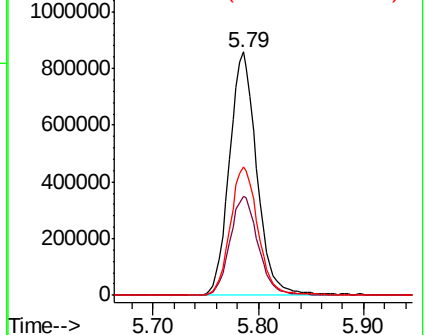


Abundance

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: 0.083 ppbv

RT: 4.43 min Scan# 464

Delta R.T. -0.02 min

Lab File: VL032524.D

Acq: 25 Sep 2018 00:58

Tgt Ion: 84 Resp: 5439

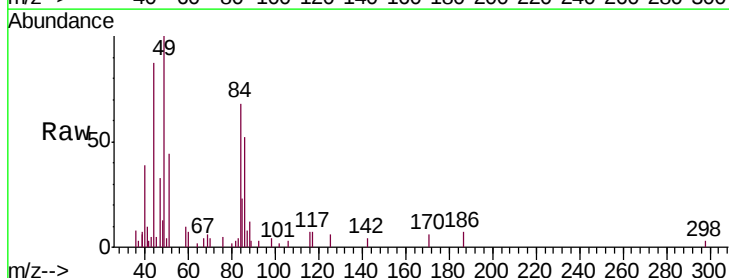
Ion Ratio Lower Upper

84 100

49 125.6 119.1 178.7

51 21.3 35.2 52.8#

86 65.0 49.4 74.2



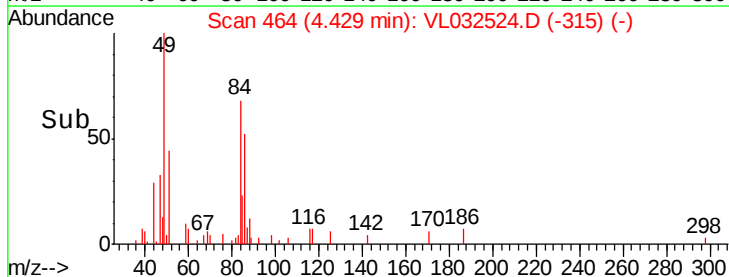
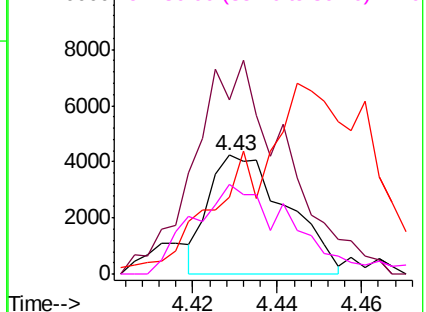
Abundance

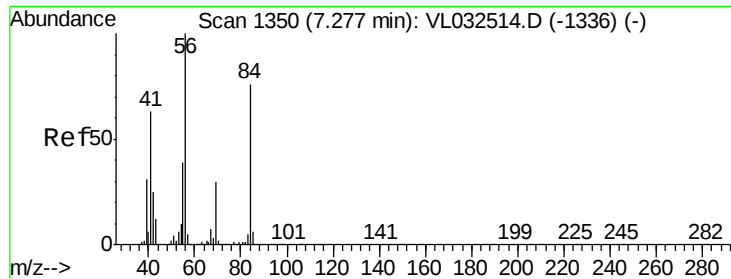
Ion 84.00 (83.70 to 84.70): VL0

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

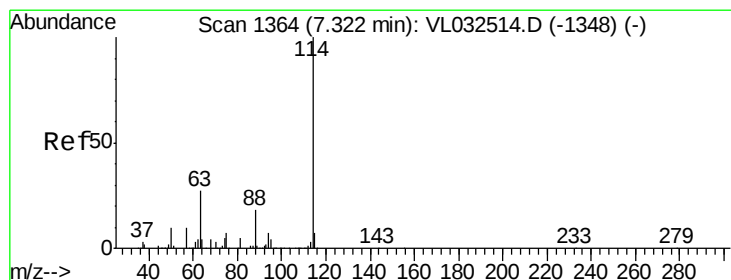
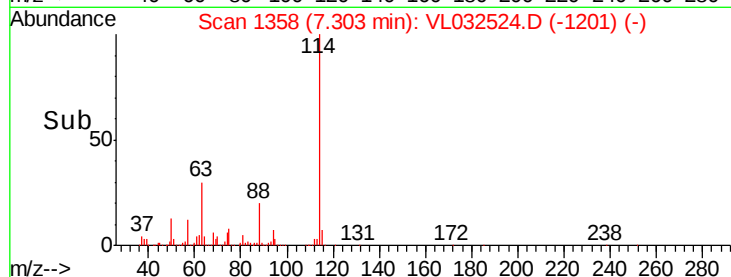
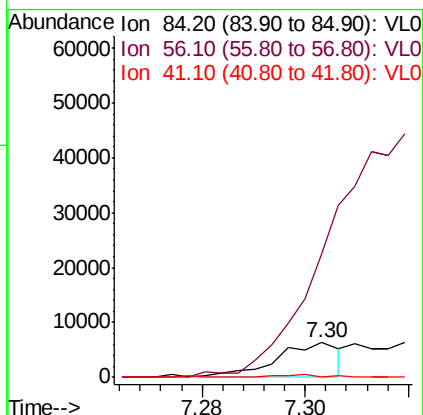
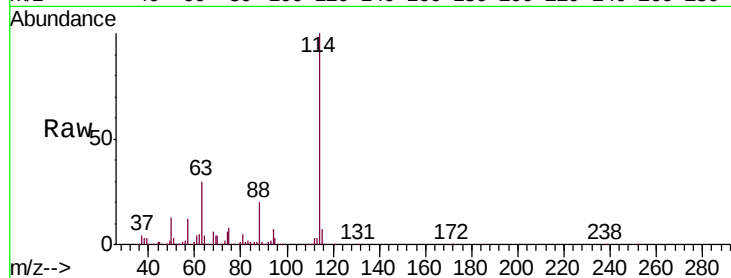




#30
Cyclohexane
Concen: 0.045 ppbv
RT: 7.30 min Scan# 1358
Delta R.T. 0.00 min
Lab File: VL032524.D
Acq: 25 Sep 2018 00:58

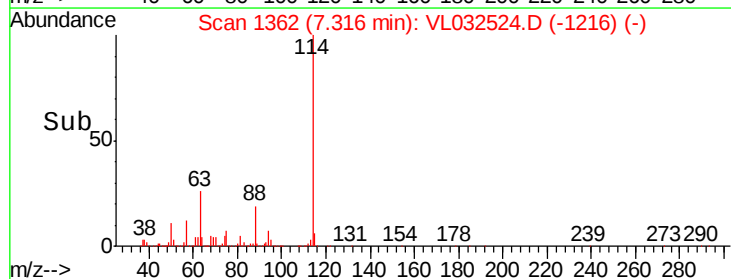
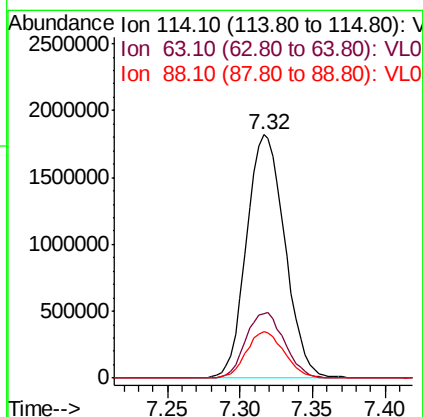
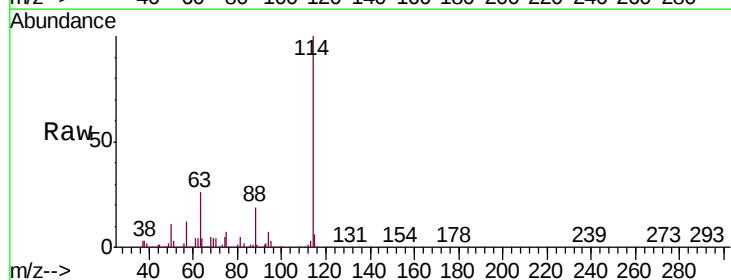
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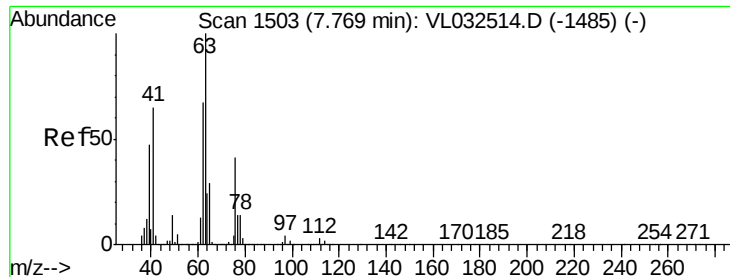
Tgt Ion: 84 Resp: 5394
Ion Ratio Lower Upper
84 100
56 0.0 113.5 170.3#
41 11.1 68.1 102.1#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.32 min Scan# 1362
Delta R.T. -0.03 min
Lab File: VL032524.D
Acq: 25 Sep 2018 00:58

Tgt Ion: 114 Resp: 3353070
Ion Ratio Lower Upper
114 100
63 27.4 22.2 33.4
88 18.9 15.0 22.4

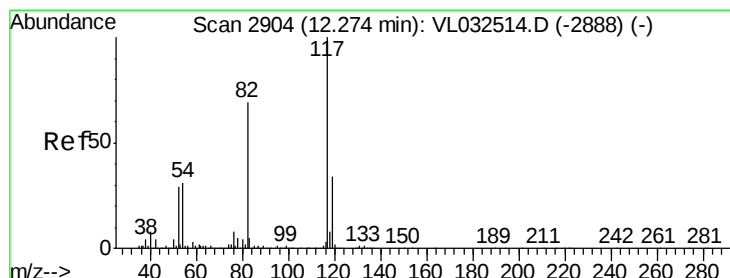
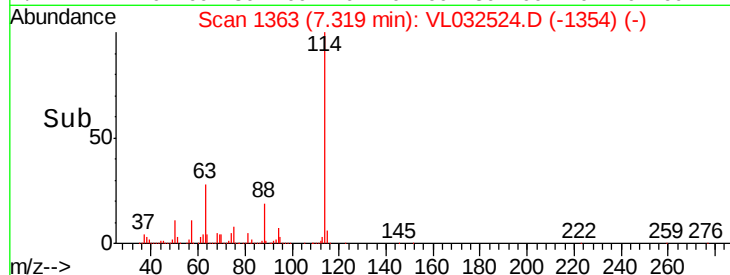
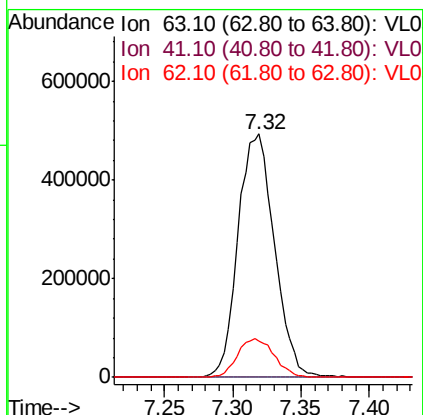
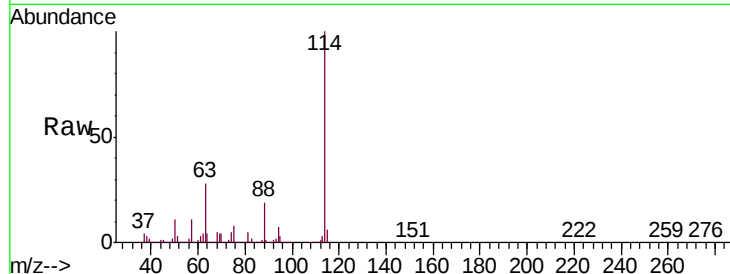




#39
 1,2-Dichloropropane
 Concen: 7.479 ppbv
 RT: 7.32 min Scan# 1363
 Delta R.T. -0.47 min
 Lab File: VL032524.D
 Acq: 25 Sep 2018 00:58

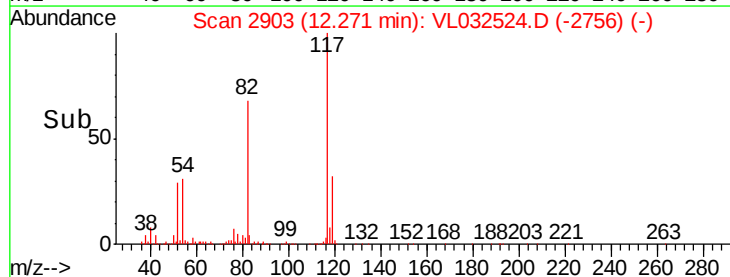
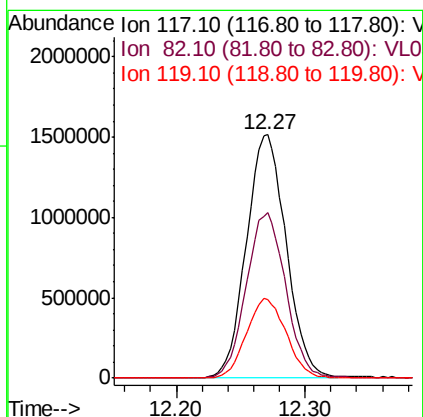
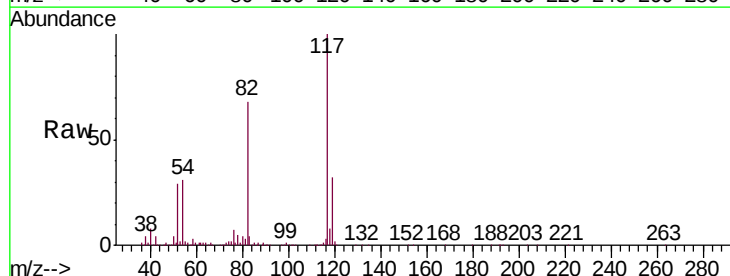
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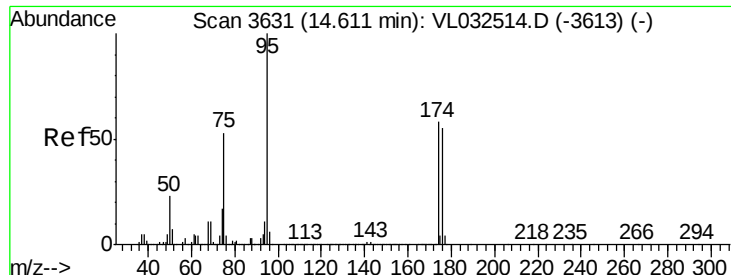
Tgt Ion: 63 Resp: 913360
 Ion Ratio Lower Upper
 63 100
 41 0.1 55.4 83.0#
 62 15.0 55.4 83.0#



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.27 min Scan# 2903
 Delta R.T. -0.03 min
 Lab File: VL032524.D
 Acq: 25 Sep 2018 00:58

Tgt Ion: 117 Resp: 3258576
 Ion Ratio Lower Upper
 117 100
 82 68.0 53.0 79.6
 119 32.8 45.9 68.9#





#68

1-Bromo-4-Fluorobenzene

Concen: 9.961 ppbv

RT: 14.61 min Scan# 3630

Delta R.T. -0.03 min

Lab File: VL032524.D

Acq: 25 Sep 2018 00:58

Instrument :

MSVOA_L

ClientSampleId :

QC091118 CAN 10289

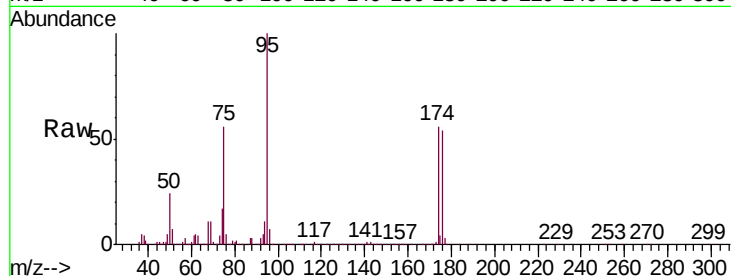
Tgt Ion: 95 Resp: 2447872

Ion Ratio Lower Upper

95 100

174 58.2 46.3 69.5

175 4.2 3.4 5.0



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

