

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030619\
Quantitation Report (Not Reviewed)

Data File : VL033248.D
Acq On : 6 Mar 2019 8:30
Operator : SY/AP
Sample : VL0306ABL01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 07 04:16:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030619AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Mar 06 08:43:44 2019
QLast Update : Wed Mar 06 08:43:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	989131	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2226237	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	2145079	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	1709514	10.50	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.00%

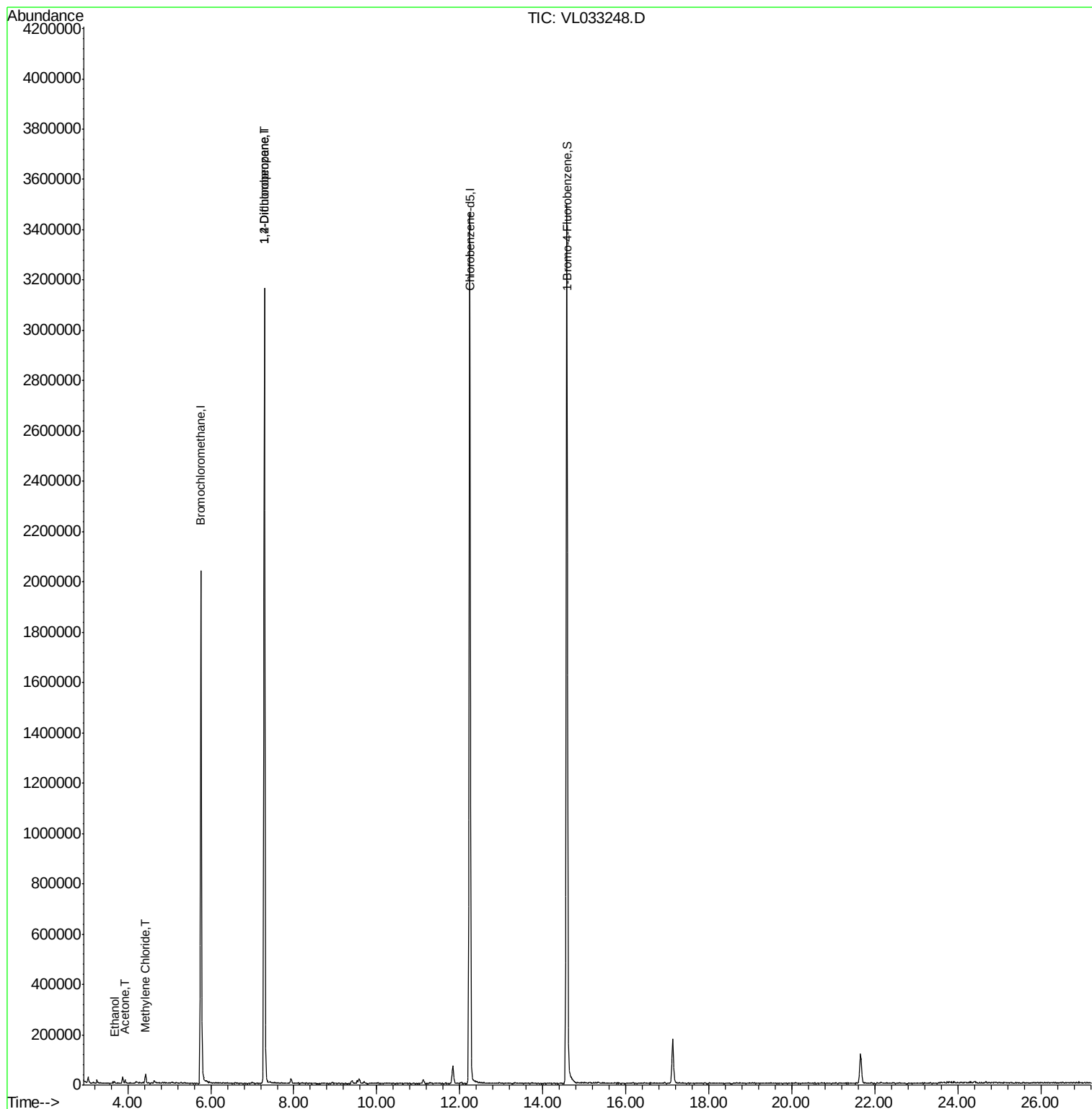
Target Compounds					Qvalue	
13) Ethanol	3.68	45	858	0.057	ppbv	66
15) Acetone	3.93	43	15816	0.124	ppbv #	89
20) Methylene Chloride	4.41	84	2465	0.051	ppbv #	78
39) 1,2-Dichloropropane	7.29	63	597976	7.330	ppbv #	24

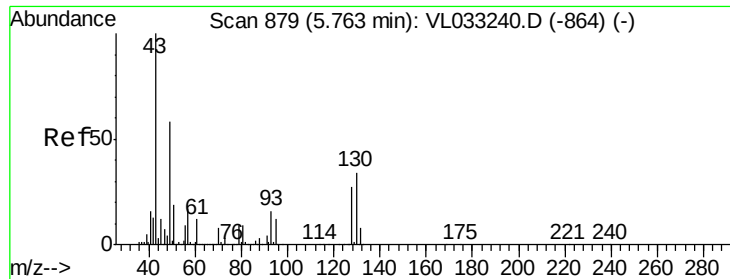
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.76 min Scan# 879

Delta R.T. 0.00 min

Lab File: VL033248.D

Acq: 6 Mar 2019 8:30

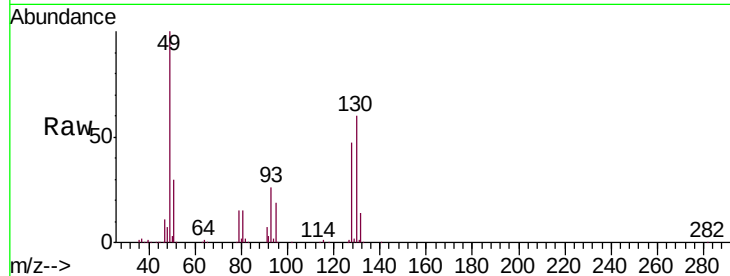
Tgt Ion: 49 Resp: 989131

Ion Ratio Lower Upper

49 100

128 46.5 22.9 68.8

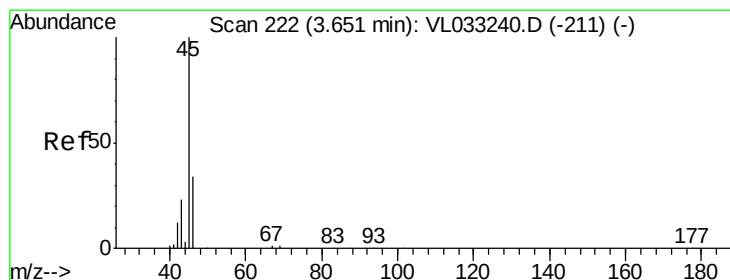
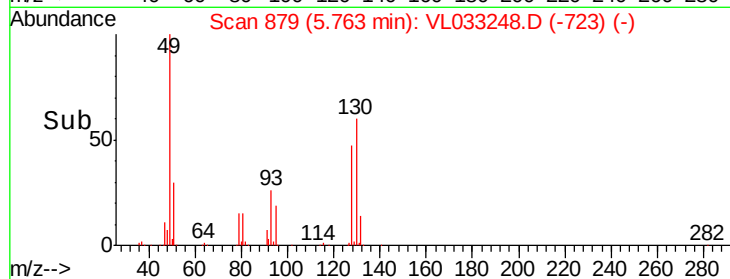
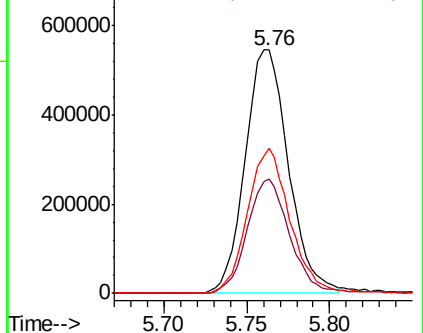
130 59.4 29.3 88.0



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



#13

Ethanol

Concen: 0.057 ppbv

RT: 3.68 min Scan# 231

Delta R.T. 0.03 min

Lab File: VL033248.D

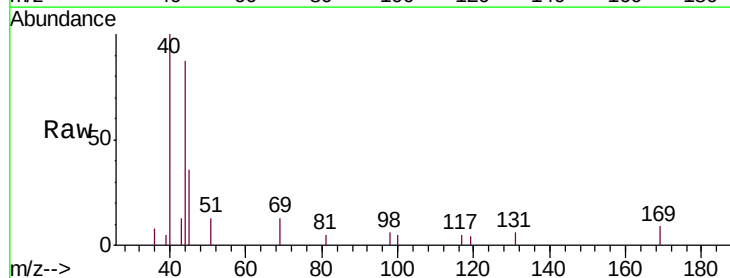
Acq: 6 Mar 2019 8:30

Tgt Ion: 45 Resp: 858

Ion Ratio Lower Upper

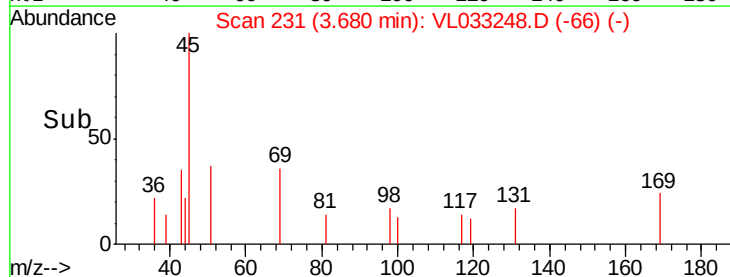
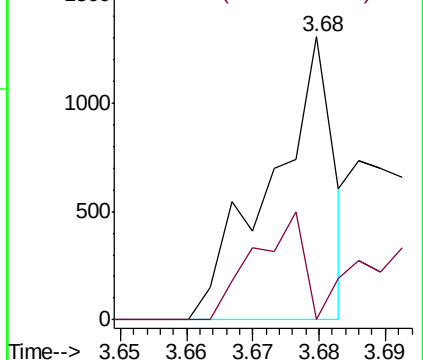
45 100

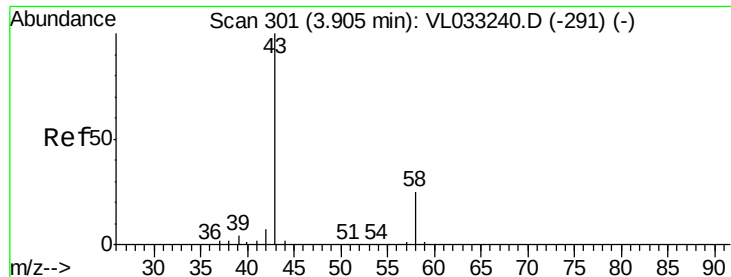
46 58.9 15.3 61.3



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





#15

Acetone

Concen: 0.124 ppbv

RT: 3.93 min Scan# 310

Delta R.T. 0.03 min

Lab File: VL033248.D

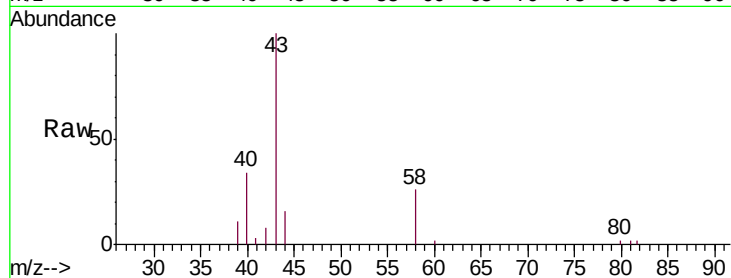
Acq: 6 Mar 2019 8:30

Tgt Ion: 43 Resp: 15816

Ion Ratio Lower Upper

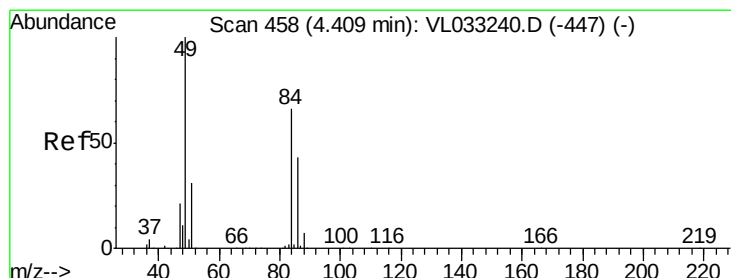
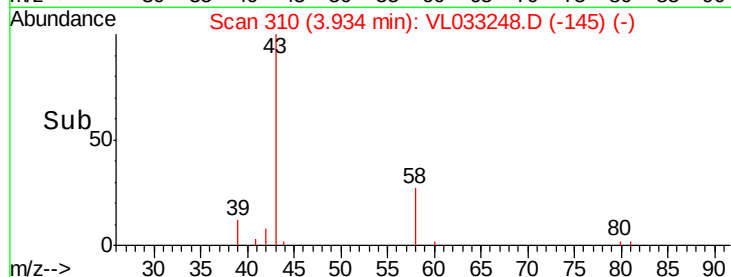
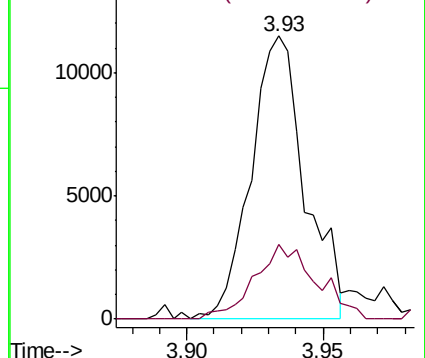
43 100

58 30.6 20.2 30.4#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#20

Methylene Chloride

Concen: 0.051 ppbv

RT: 4.41 min Scan# 458

Delta R.T. 0.00 min

Lab File: VL033248.D

Acq: 6 Mar 2019 8:30

Tgt Ion: 84 Resp: 2465

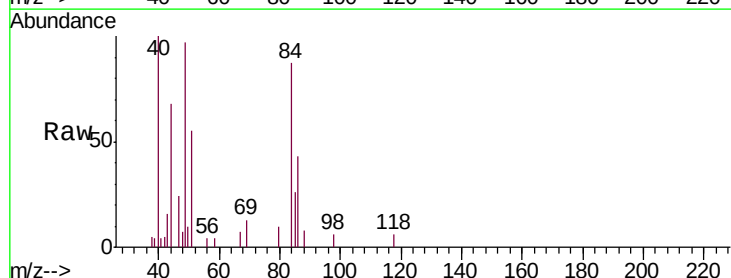
Ion Ratio Lower Upper

84 100

49 122.7 120.4 180.6

51 63.3 36.7 55.1#

86 49.3 51.8 77.8#

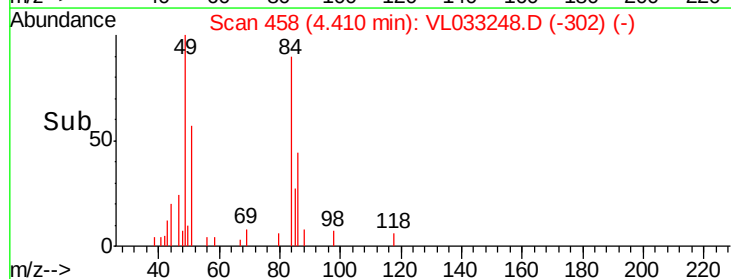
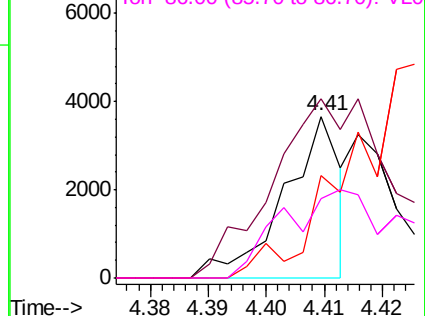


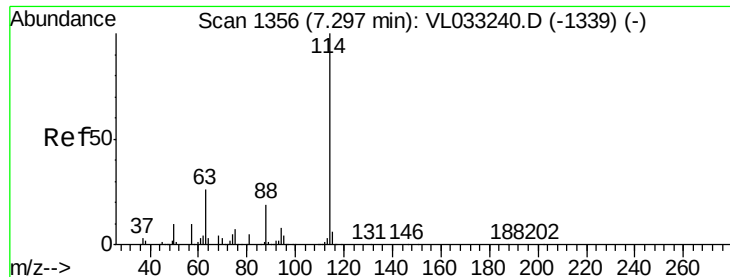
Abundance Ion 84.00 (83.70 to 84.70): VL0

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: 7.29 min Scan# 1354

Delta R.T. -0.01 min

Lab File: VL033248.D

Acq: 6 Mar 2019 8:30

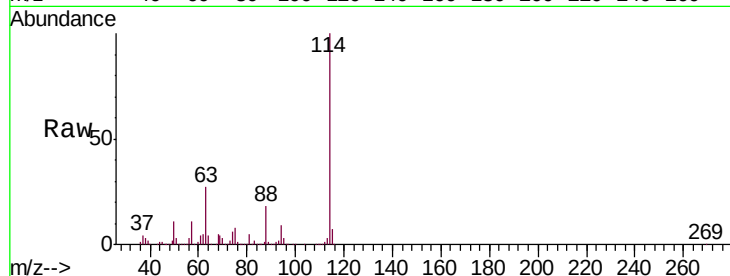
Tgt Ion: 114 Resp: 2226237

Ion Ratio Lower Upper

114 100

63 26.9 22.0 33.0

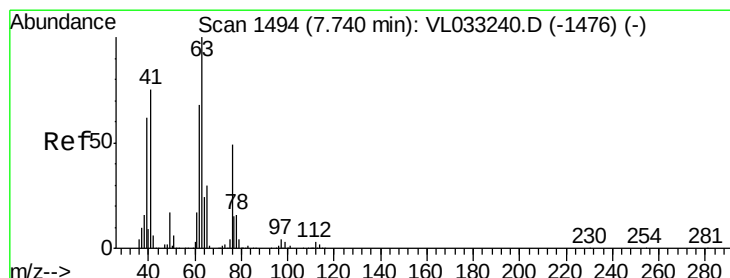
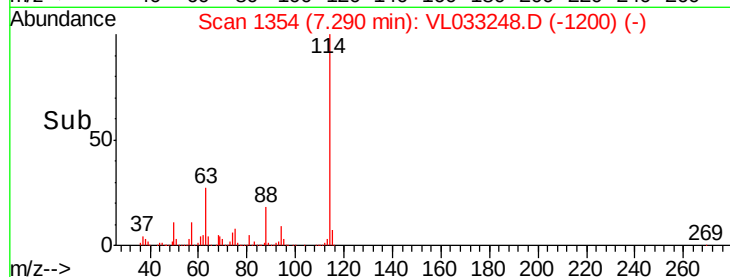
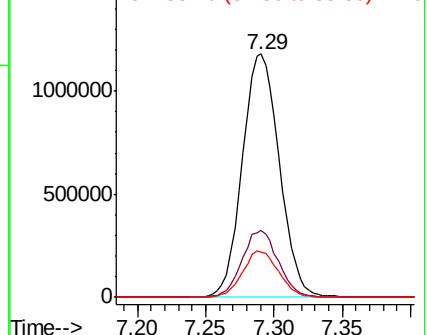
88 18.5 15.0 22.4



Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0



#39

1,2-Dichloropropane

Concen: 7.330 ppbv

RT: 7.29 min Scan# 1354

Delta R.T. -0.45 min

Lab File: VL033248.D

Acq: 6 Mar 2019 8:30

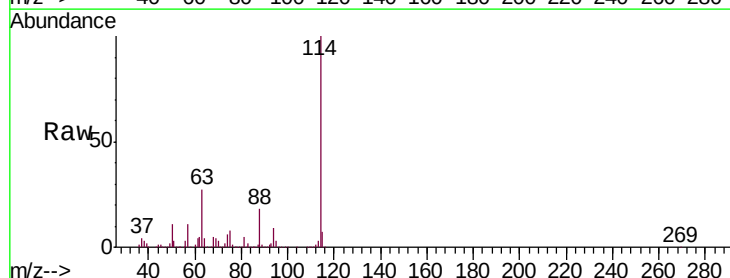
Tgt Ion: 63 Resp: 597976

Ion Ratio Lower Upper

63 100

41 0.0 60.0 90.0#

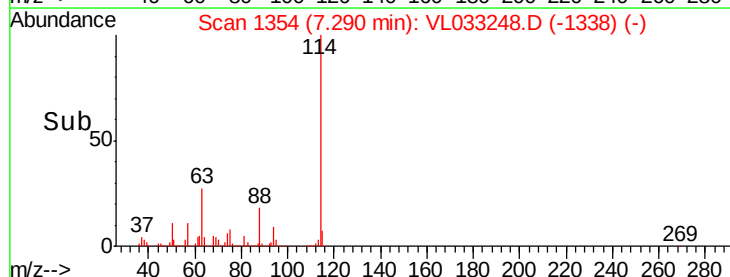
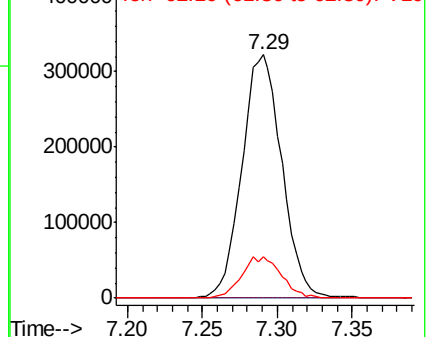
62 17.3 54.2 81.4#

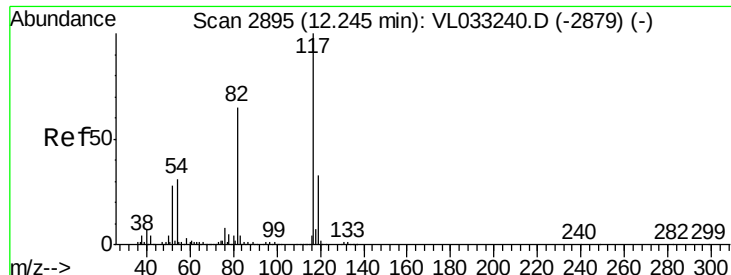


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.24 min Scan# 2894

Delta R.T. -0.00 min

Lab File: VL033248.D

Acq: 6 Mar 2019 8:30

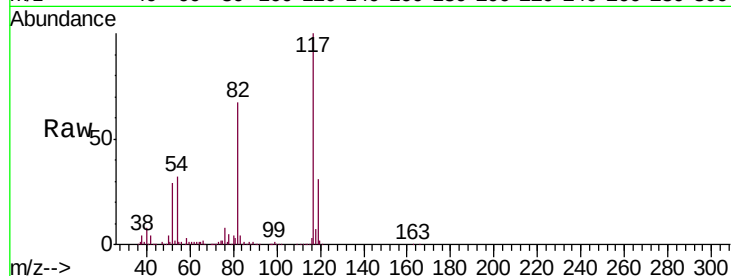
Tgt Ion: 117 Resp: 2145079

Ion Ratio Lower Upper

117 100

82 68.6 51.8 77.8

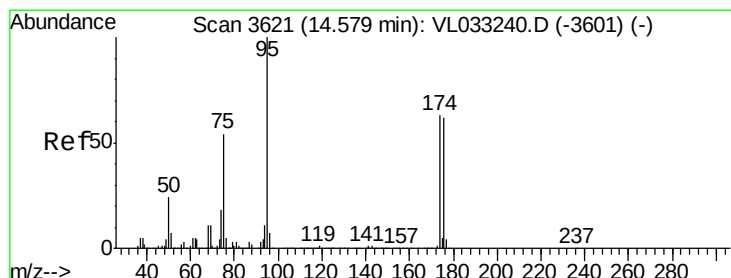
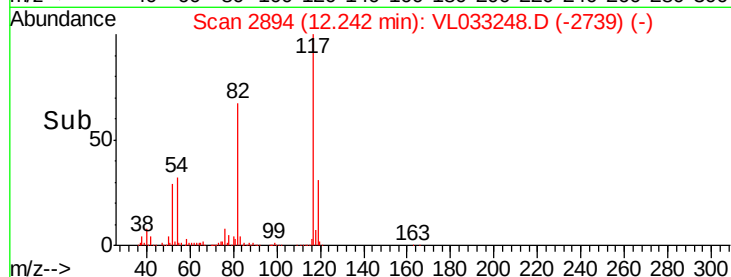
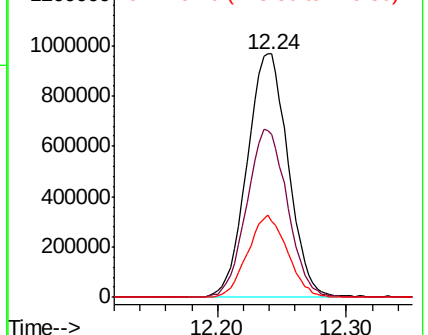
119 32.7 43.6 65.4#



Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V



#68

1-Bromo-4-Fluorobenzene

Concen: 10.503 ppbv

RT: 14.58 min Scan# 3621

Delta R.T. 0.00 min

Lab File: VL033248.D

Acq: 6 Mar 2019 8:30

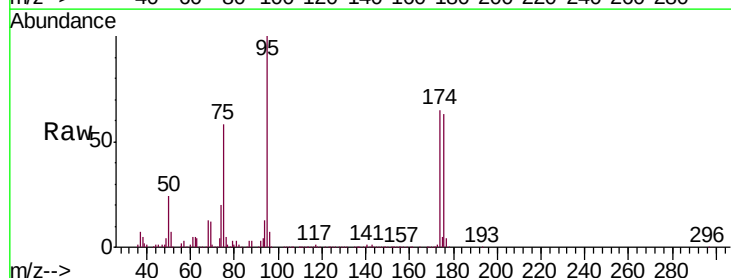
Tgt Ion: 95 Resp: 1709514

Ion Ratio Lower Upper

95 100

174 64.8 51.0 76.4

175 4.6 3.8 5.6



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

