

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL091719\
Quantitation Report (Not Reviewed)

Data File : VL034178.D
Acq On : 17 Sep 2019 10:09
Operator : SY/AP
Sample : VL0917ABL01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0917ABL01

Quant Time: Sep 19 07:25:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Sep 18 12:53:31 2019
QLast Update : Wed Sep 18 12:53:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.69	49	1259832	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.22	114	2110403	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.16	117	2119763	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.50	95	1869654	10.15	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.50%

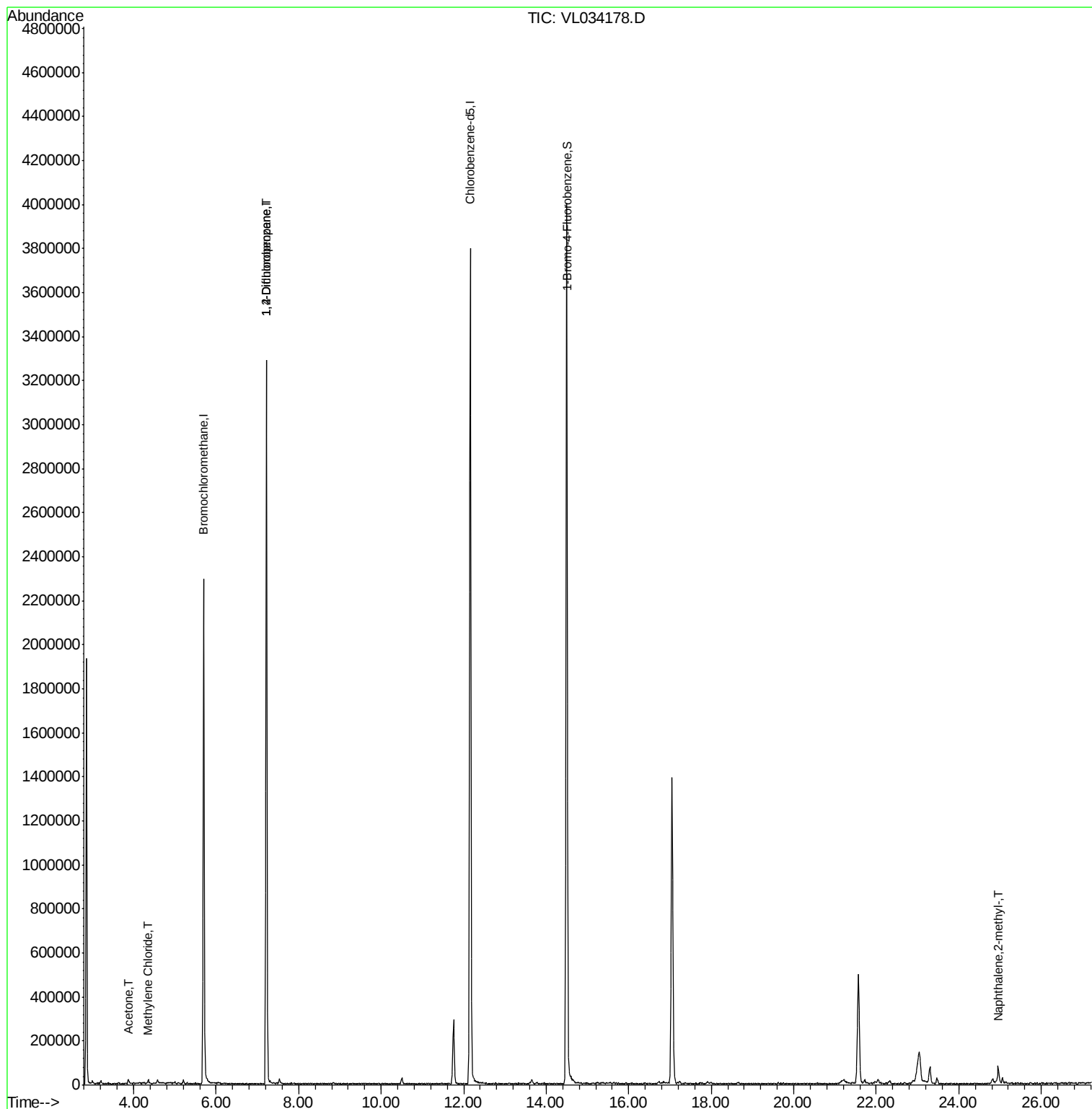
Target Compounds					Qvalue
15) Acetone	3.87	43	6840	0.041 ppbv #	49
20) Methylene Chloride	4.34	84	1631	0.034 ppbv #	37
39) 1,2-Dichloropropane	7.22	63	692892	6.616 ppbv #	20
80) Naphthalene,2-methyl-	24.96	142	51039	0.380 ppbv	99

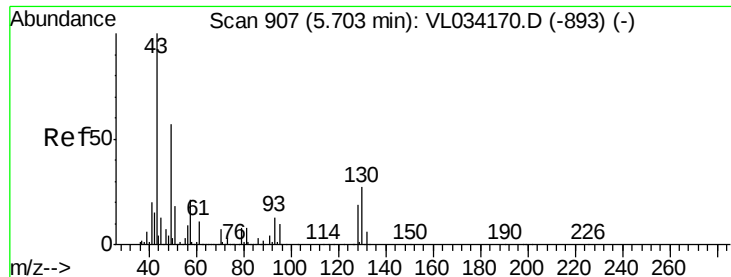
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.69 min Scan# 904

Delta R.T. -0.01 min

Lab File: VL034178.D

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Instrument :

MSVOA_L

ClientSampleId :

VL0917ABL01

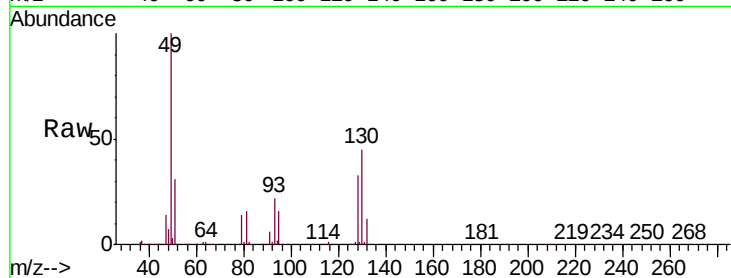
Tgt Ion: 49 Resp: 1259832

Ion Ratio Lower Upper

49 100

128 35.3 17.6 52.9

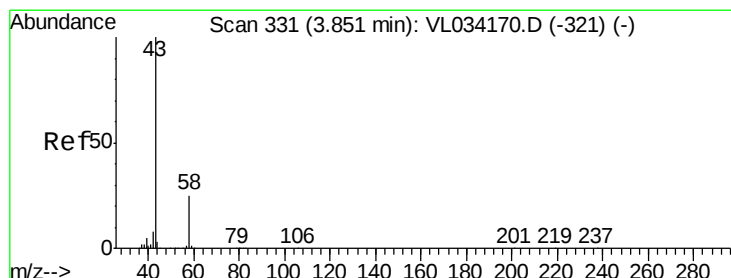
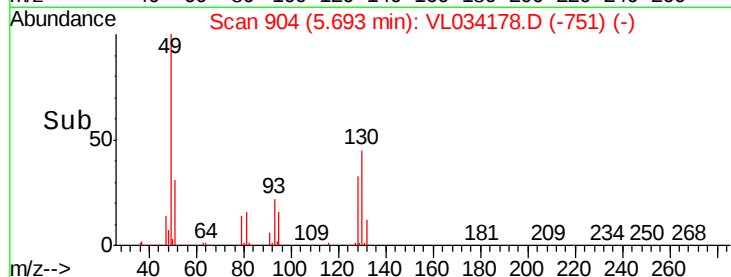
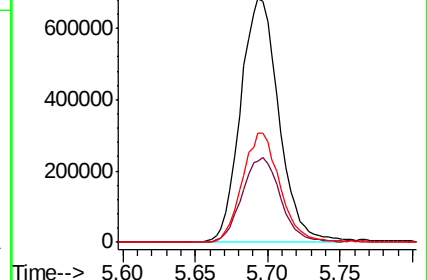
130 44.5 22.3 66.9



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



#15

Acetone

Concen: 0.041 ppbv

RT: 3.87 min Scan# 336

Delta R.T. 0.02 min

Lab File: VL034178.D

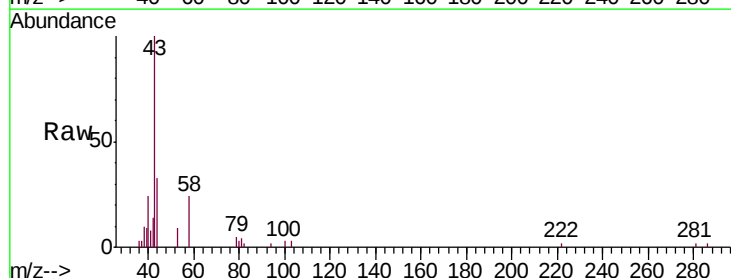
Acq: 17 Sep 2019 10:09

Tgt Ion: 43 Resp: 6840

Ion Ratio Lower Upper

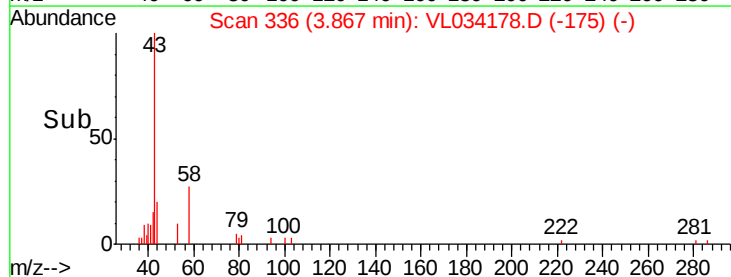
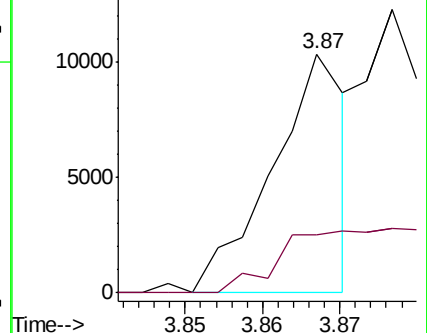
43 100

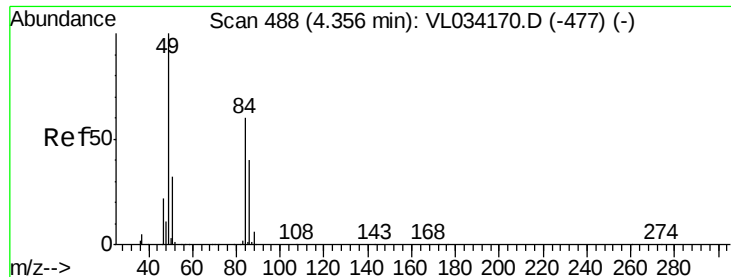
58 0.0 20.5 30.7#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

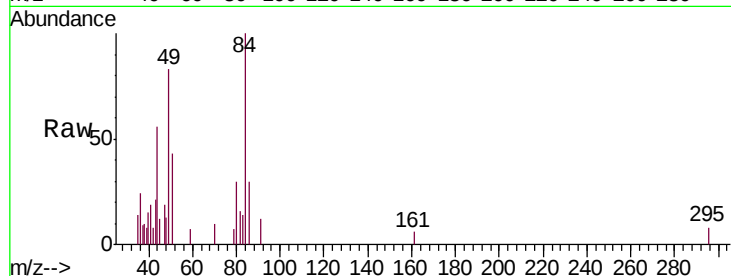




#20
Methylene Chloride
Concen: 0.034 ppbv
RT: 4.34 min Scan# 484
Delta R.T. -0.01 min
Lab File: VL034178.D
Acq: 17 Sep 2019 10:09

Instrument :
MSVOA_L
ClientSampleId :
VL0917ABL01

Tgt Ion:	84	Resp:	1631
Ion	Ratio	Lower	Upper
84	100		
49	67.7	133.8	200.8#
51	25.0	43.6	65.4#
86	22.4	53.1	79.7#



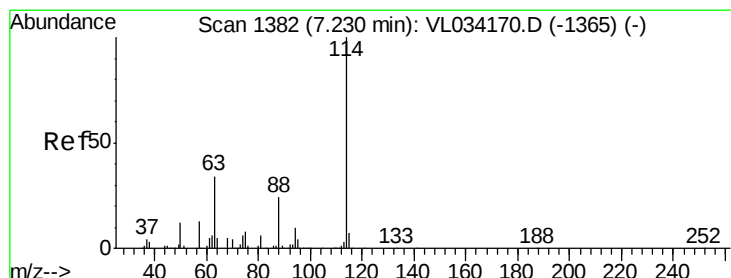
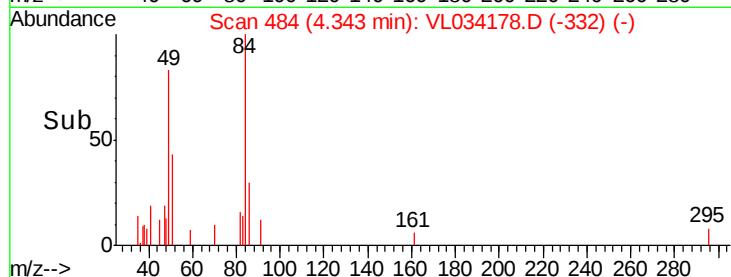
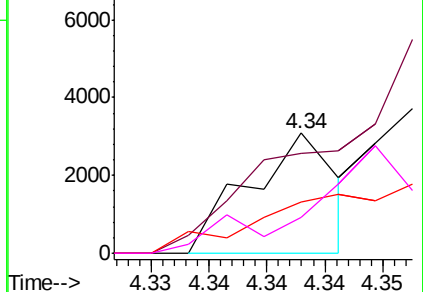
Abundance

Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

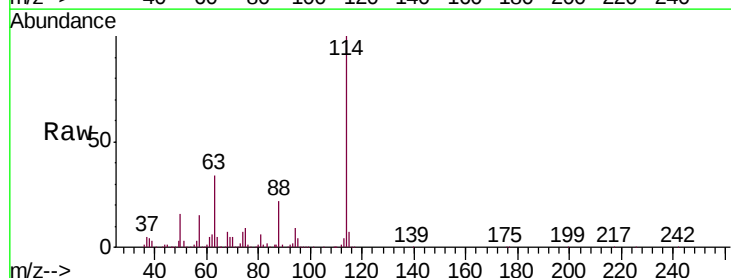
Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.22 min Scan# 1378
Delta R.T. -0.01 min
Lab File: VL034178.D
Acq: 17 Sep 2019 10:09

Tgt Ion:	114	Resp:	2110403
Ion	Ratio	Lower	Upper
114	100		
63	33.1	27.8	41.6
88	20.7	17.1	25.7

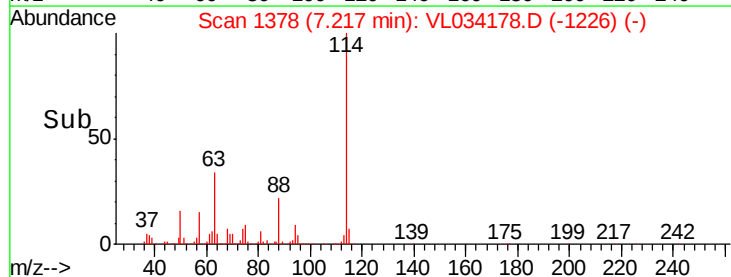
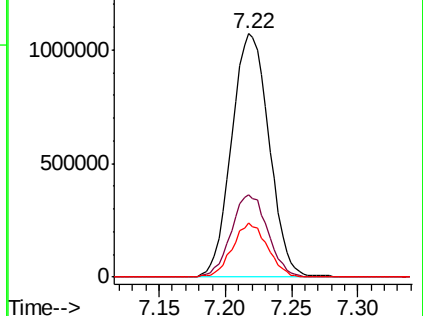


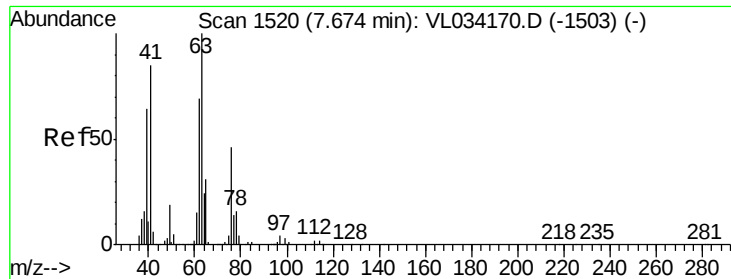
Abundance

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

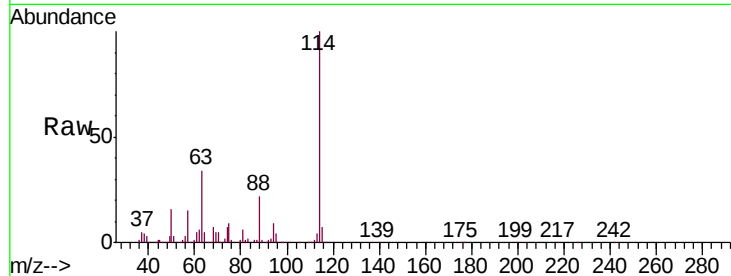




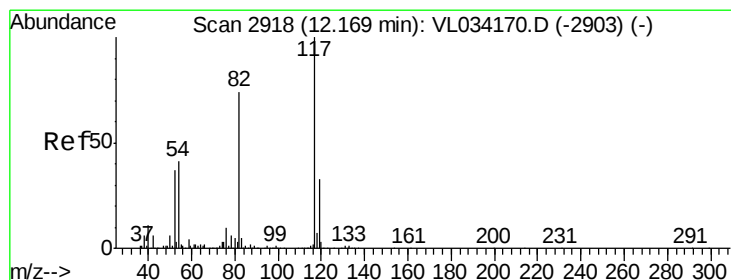
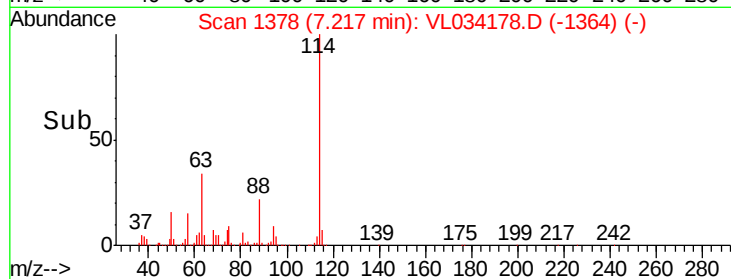
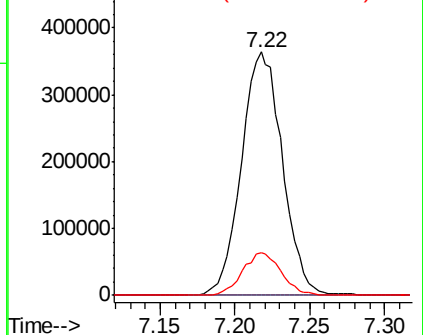
#39
 1,2-Dichloropropane
 Concen: 6.616 ppbv
 RT: 7.22 min Scan# 1378
 Delta R.T. -0.46 min
 Lab File: VL034178.D
 Acq: 17 Sep 2019 10:09

Instrument :
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Tgt Ion: 63 Resp: 692892
 Ion Ratio Lower Upper
 63 100
 41 0.0 68.4 102.6#
 62 17.7 55.4 83.2#

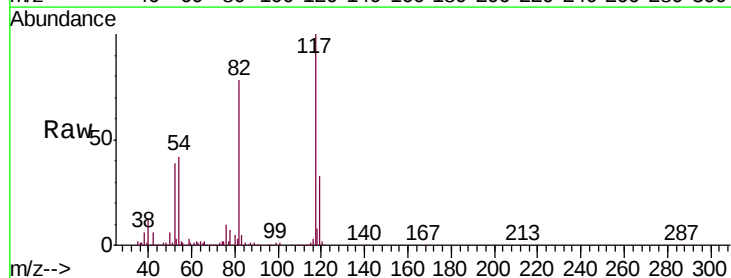


Abundance Ion 63.10 (62.80 to 63.80): VL0
 Ion 41.10 (40.80 to 41.80): VL0
 Ion 62.10 (61.80 to 62.80): VL0

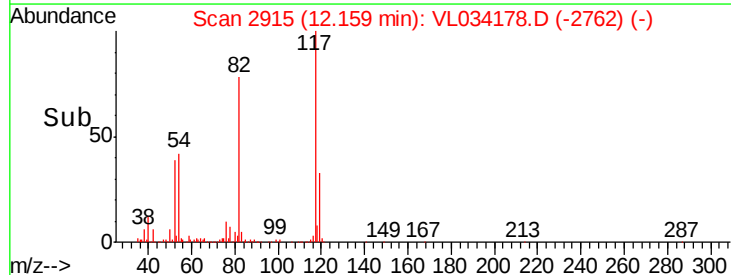
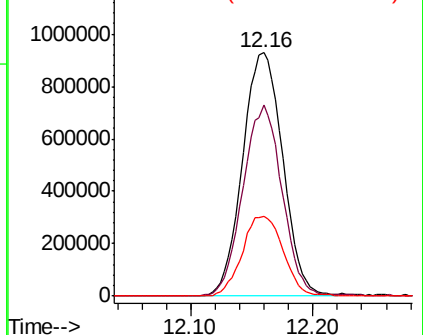


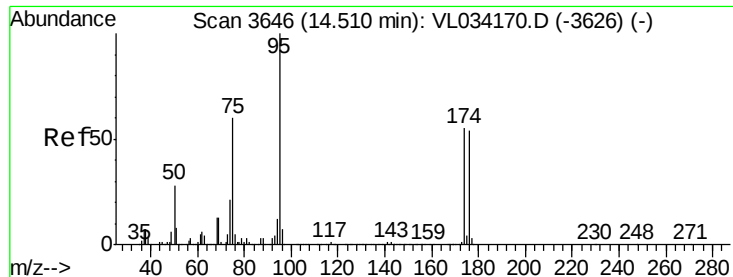
#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.16 min Scan# 2915
 Delta R.T. -0.01 min
 Lab File: VL034178.D
 Acq: 17 Sep 2019 10:09

Tgt Ion: 117 Resp: 2119763
 Ion Ratio Lower Upper
 117 100
 82 76.8 58.2 87.4
 119 33.5 23.7 35.5



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

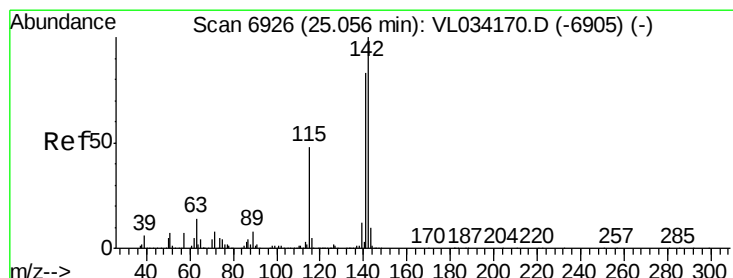
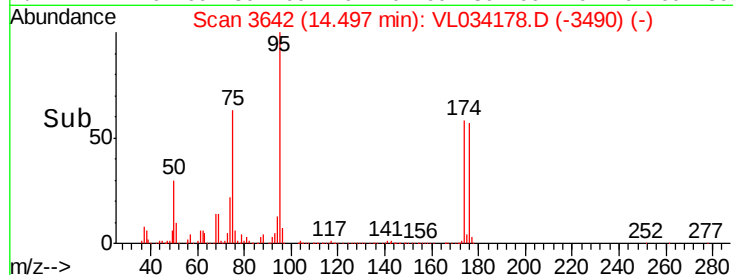
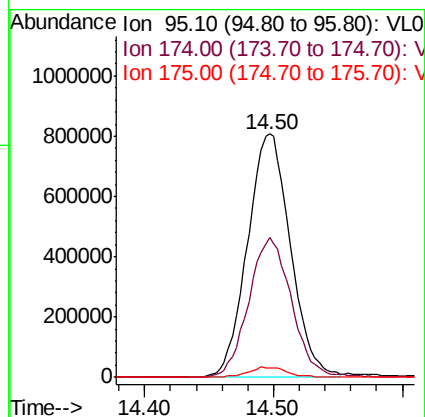
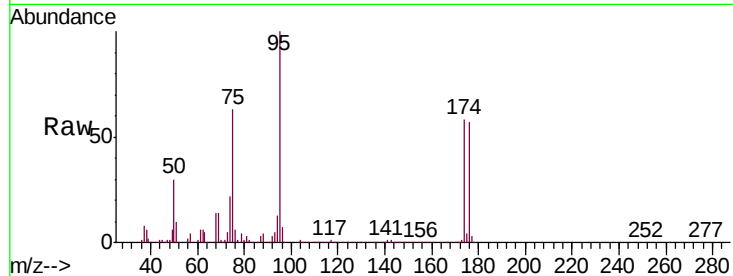




#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.151 ppbv
 RT: 14.50 min Scan# 3642
 Delta R.T. -0.01 min
 Lab File: VL034178.D
 Acq: 17 Sep 2019 10:09

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 MSVOA_L
 ClientSampleId :
 VL0917ABL01

Tgt Ion: 95 Resp: 1869654
 Ion Ratio Lower Upper
 95 100
 174 57.6 45.1 67.7
 175 3.9 3.3 4.9



#80
 Naphthalene, 2-methyl-
 Concen: 0.380 ppbv
 RT: 24.96 min Scan# 6895
 Delta R.T. -0.10 min
 Lab File: VL034178.D
 Acq: 17 Sep 2019 10:09

Tgt Ion: 142 Resp: 51039
 Ion Ratio Lower Upper
 142 100
 141 85.3 67.6 101.4
 115 46.9 36.9 55.3

