

Data File : VL033566.D
Acq On : 10 Apr 2019 16:17
Operator : SY/AP
Sample : QC040319 CAN 10284
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC040319 CAN 10284

Quant Time: Apr 11 03:44:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Mar 26 16:00:50 2019
QLast Update : Tue Mar 26 16:00:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	931891	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2324996	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	2262843	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	1773996	10.00	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.00%

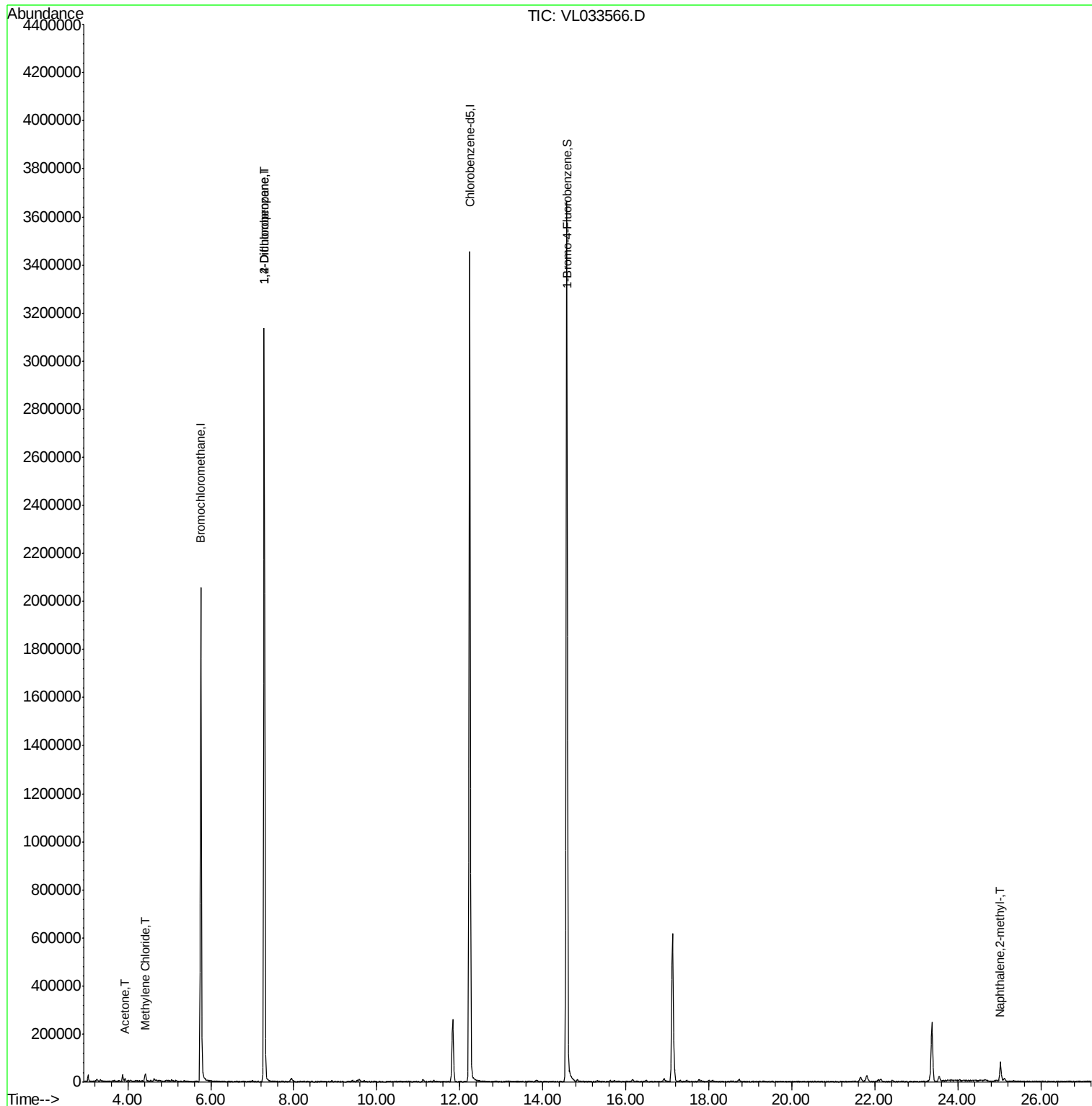
Target Compounds					Qvalue
15) Acetone	3.93	43	10992	0.098 ppbv #	89
20) Methylene Chloride	4.41	84	2839	0.060 ppbv	87
39) 1,2-Dichloropropane	7.29	63	569792	7.456 ppbv #	24
80) Naphthalene,2-methyl-	25.03	142	43835	0.507 ppbv	96

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

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.76 min Scan# 878

Delta R.T. -0.00 min

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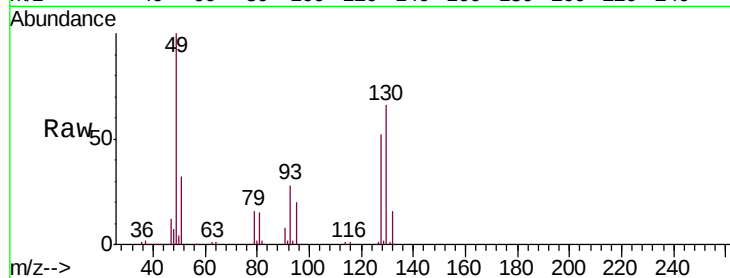
Tgt Ion: 49 Resp: 931891

Ion Ratio Lower Upper

49 100

128 51.3 24.0 72.0

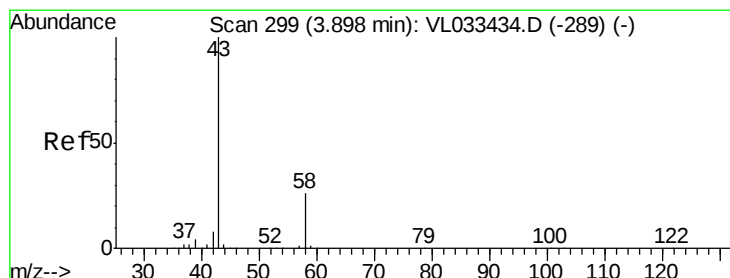
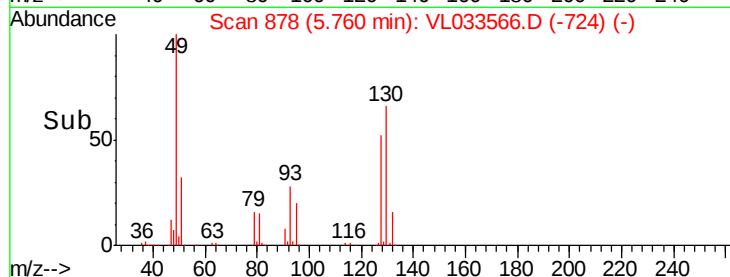
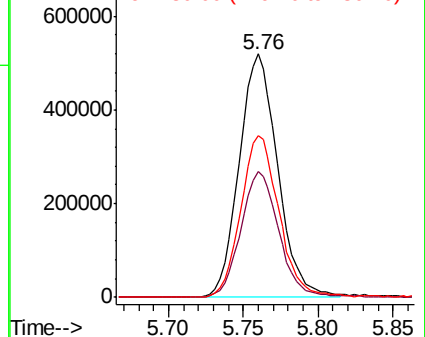
130 66.1 31.2 93.6



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: 0.098 ppbv

RT: 3.93 min Scan# 309

Delta R.T. 0.03 min

Lab File: VL033566.D

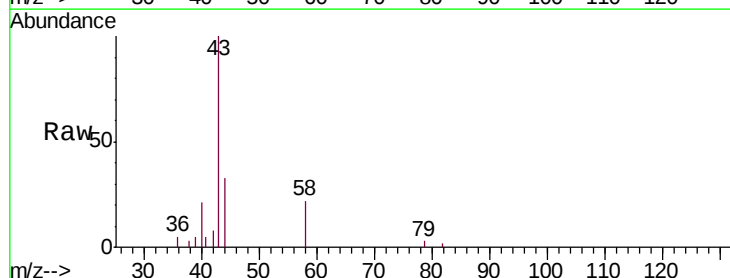
Acq: 10 Apr 2019 16:17

Tgt Ion: 43 Resp: 10992

Ion Ratio Lower Upper

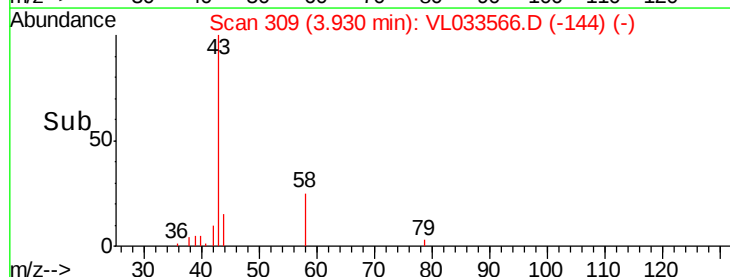
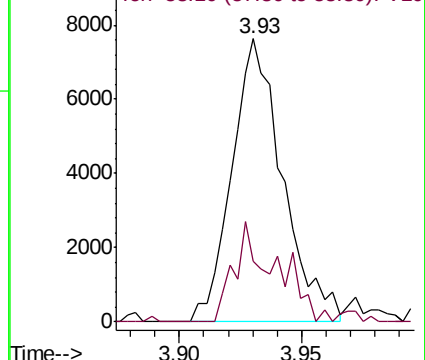
43 100

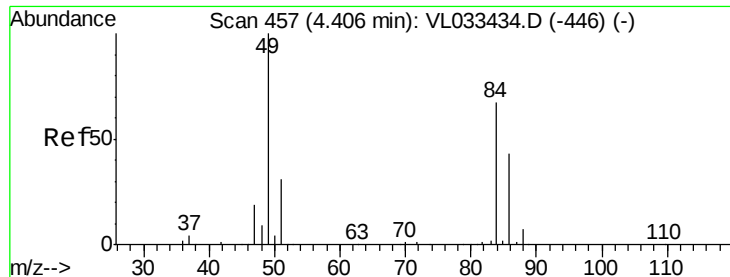
58 31.4 20.5 30.7#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

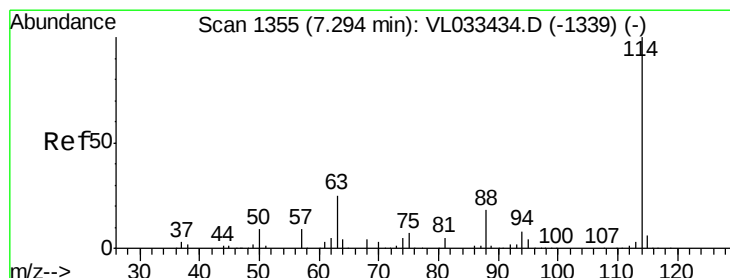
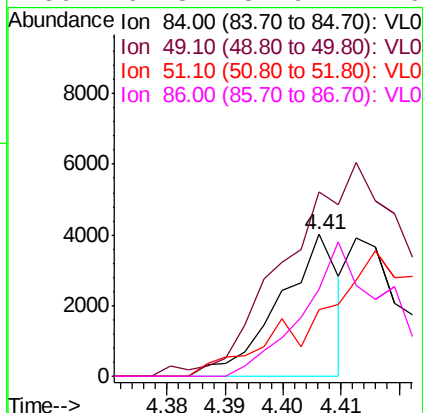
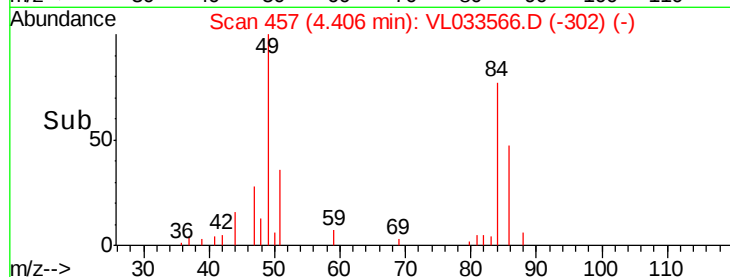
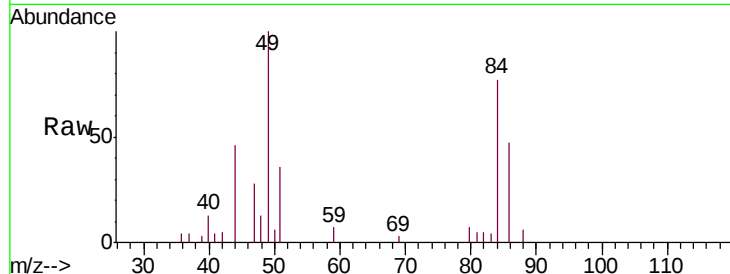




#20
Methylene Chloride
Concen: 0.060 ppbv
RT: 4.41 min Scan# 457
Delta R.T. -0.00 min
Lab File: VL033566.D
Acq: 10 Apr 2019 16:17

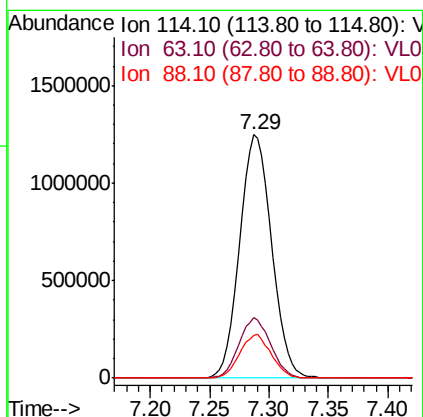
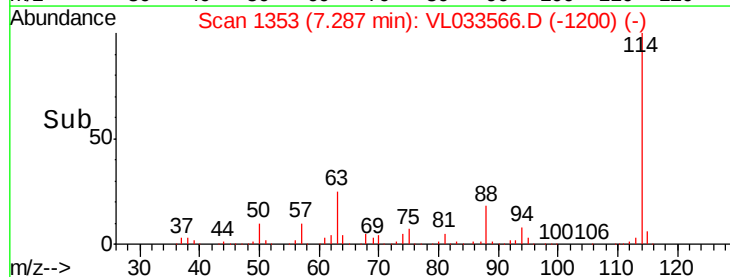
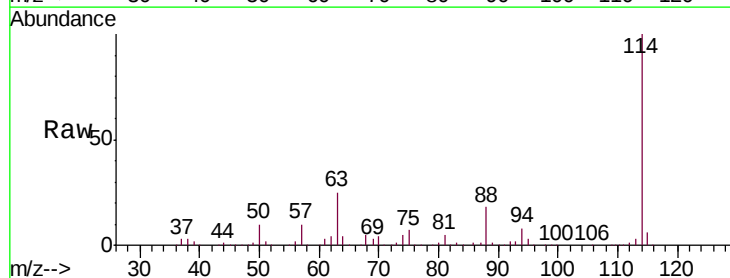
Instrument :
MSVOA_L
ClientSampleId :
QC040319 CAN 10284

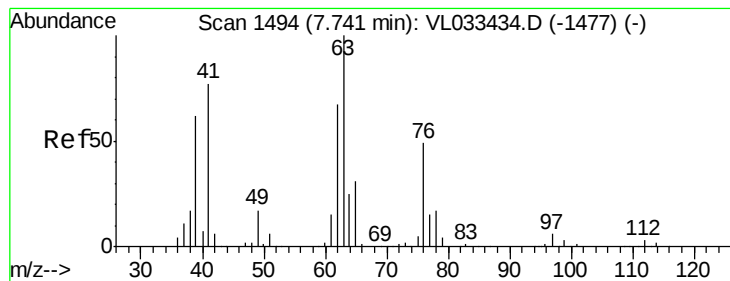
Tgt Ion: 84 Resp: 2839
Ion Ratio Lower Upper
84 100
49 125.4 120.0 180.0
51 47.4 36.7 55.1
86 61.3 51.9 77.9



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1353
Delta R.T. -0.01 min
Lab File: VL033566.D
Acq: 10 Apr 2019 16:17

Tgt Ion: 114 Resp: 2324996
Ion Ratio Lower Upper
114 100
63 24.7 21.5 32.3
88 17.6 14.5 21.7





#39

1,2-Dichloropropane

Concen: 7.456 ppbv

RT: 7.29 min Scan# 1353

Delta R.T. -0.45 min

Lab File: VL033566.D

Acq: 10 Apr 2019 16:17

Instrument :

MSVOA_L

ClientSampleId :

QC040319 CAN 10284

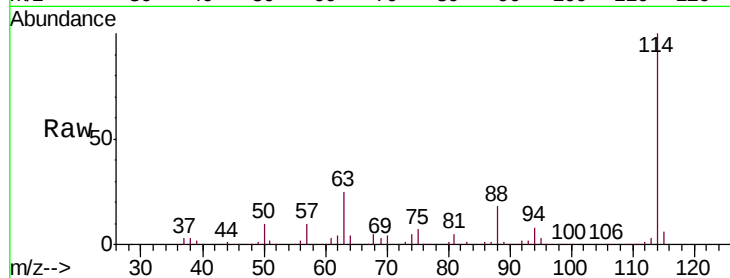
Tgt Ion: 63 Resp: 569792

Ion Ratio Lower Upper

63 100

41 0.0 61.2 91.8#

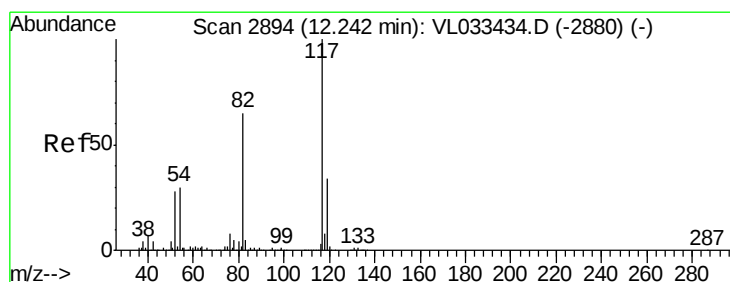
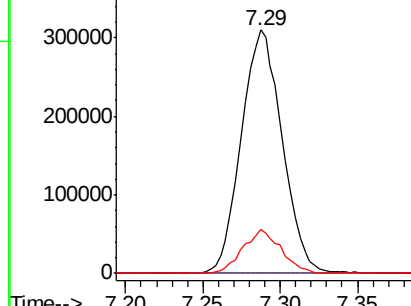
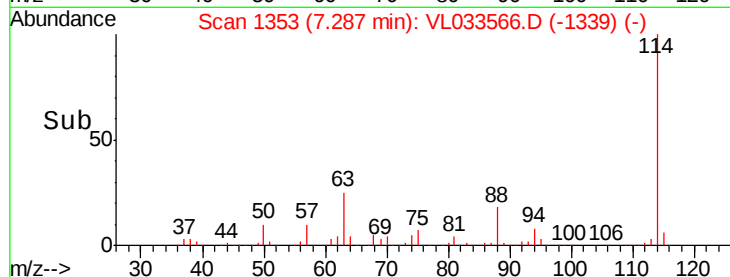
62 17.9 54.0 81.0#



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# 2892

Delta R.T. -0.01 min

Lab File: VL033566.D

Acq: 10 Apr 2019 16:17

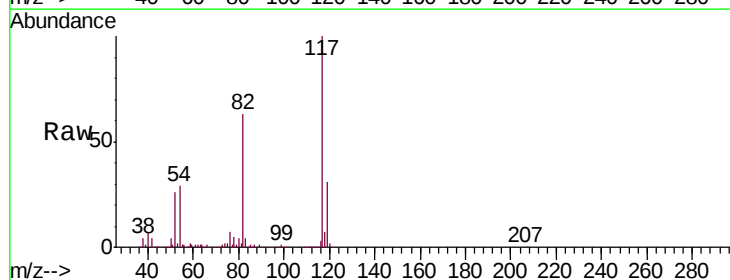
Tgt Ion: 117 Resp: 2262843

Ion Ratio Lower Upper

117 100

82 64.1 51.5 77.3

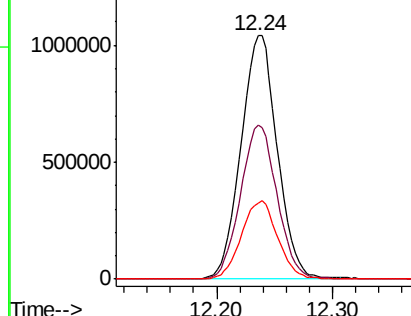
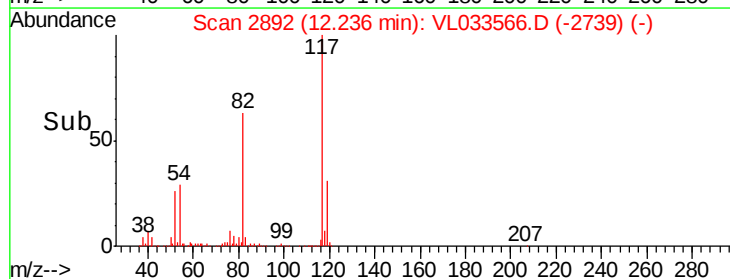
119 32.4 25.5 38.3

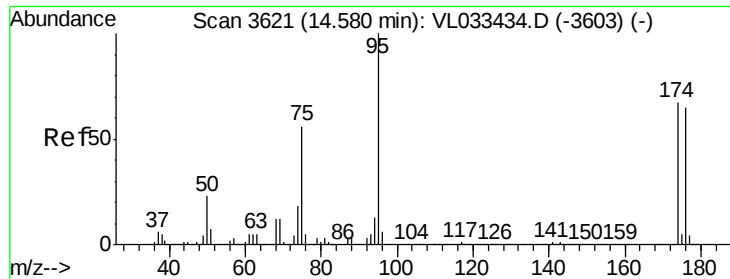


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V

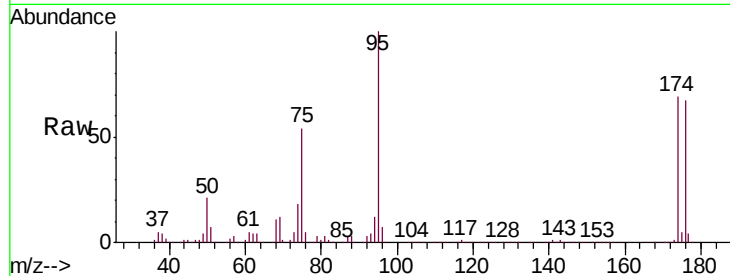




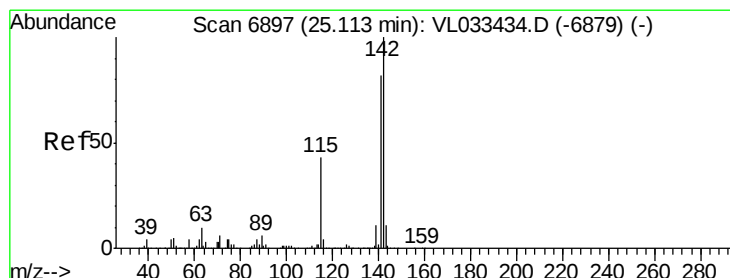
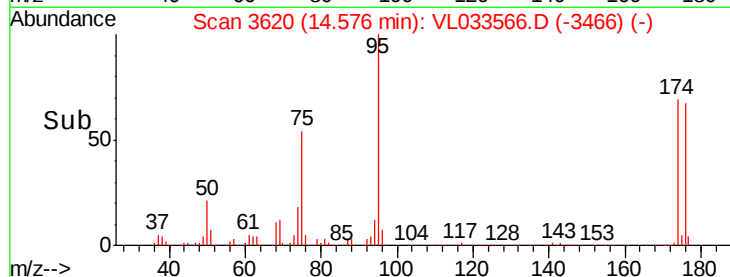
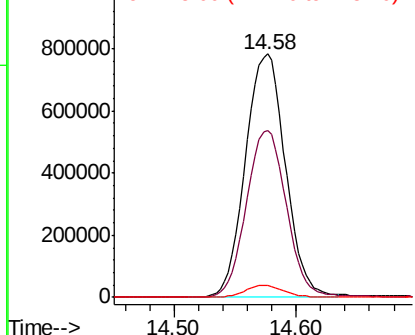
#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.000 ppbv
 RT: 14.58 min Scan# 3620
 Delta R.T. -0.00 min
 Lab File: VL033566.D
 Acq: 10 Apr 2019 16:17

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Tgt Ion: 95 Resp: 1773996
 Ion Ratio Lower Upper
 95 100
 174 69.8 52.9 79.3
 175 4.9 3.8 5.6

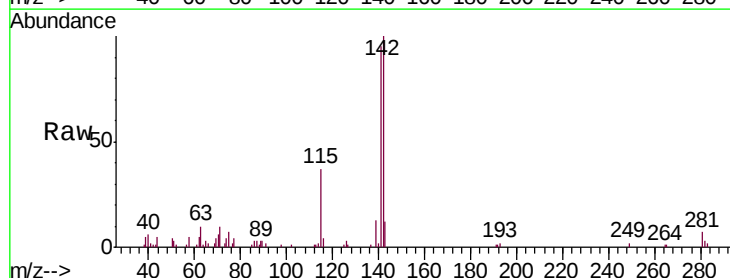


Abundance Ion 95.10 (94.80 to 95.80): VL0
 Ion 174.00 (173.70 to 174.70): V
 Ion 175.00 (174.70 to 175.70): V



#80
 Naphthalene, 2-methyl-
 Concen: 0.507 ppbv
 RT: 25.03 min Scan# 6870
 Delta R.T. -0.09 min
 Lab File: VL033566.D
 Acq: 10 Apr 2019 16:17

Tgt Ion: 142 Resp: 43835
 Ion Ratio Lower Upper
 142 100
 141 88.6 66.6 99.8
 115 42.7 34.4 51.6



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

