

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL111919\
 Data File : VL034384.D
 Acq On : 19 Nov 2019 18:11
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Nov 20 04:05:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111919AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Nov 20 03:30:54 2019
 QLast Update : Wed Nov 20 03:30:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1033159	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.20	114	2027186	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.14	117	1958214	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.47	95	1691694	10.27	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.70%

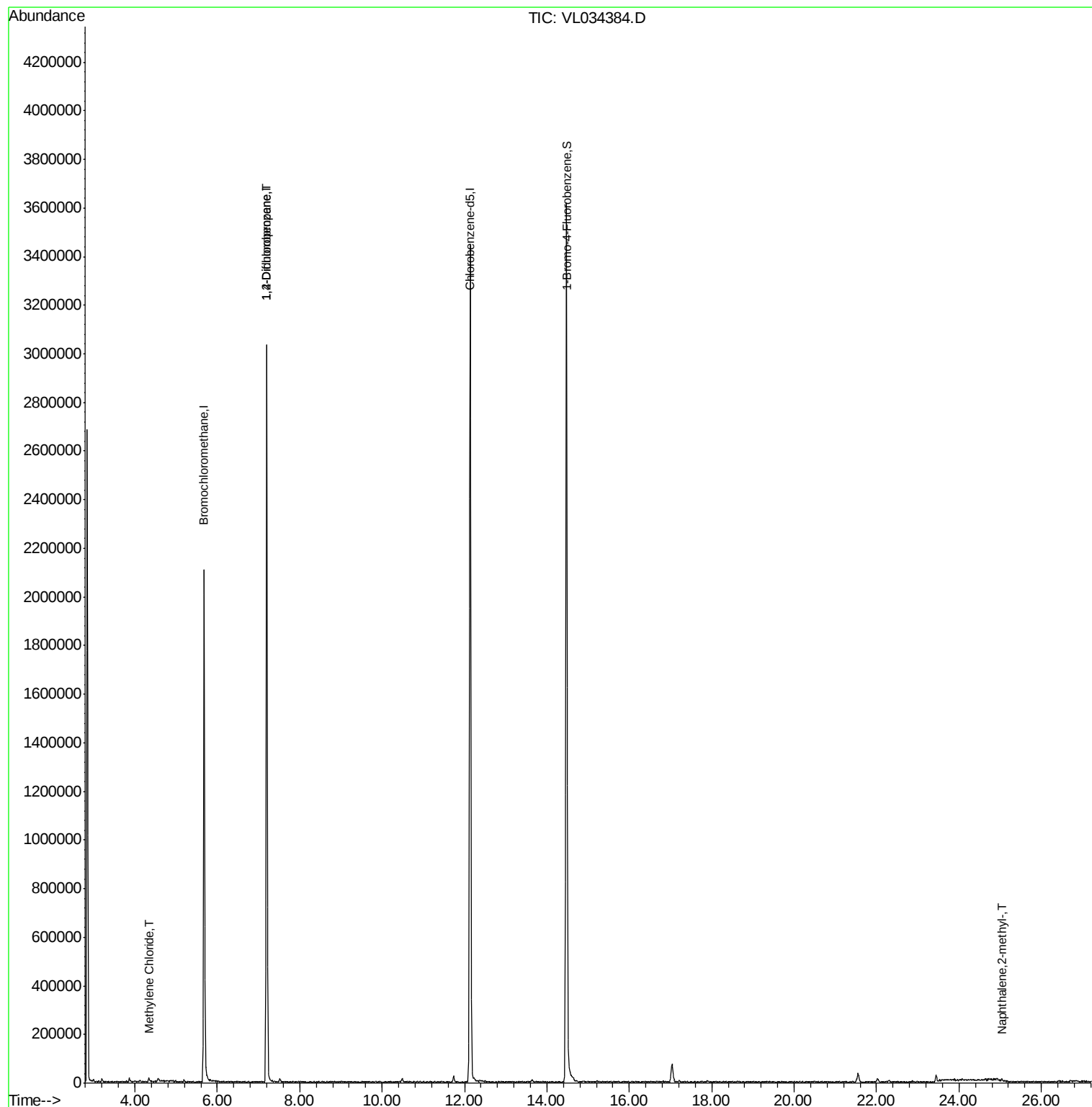
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.34	84	1576	0.030	ppbv #	35
39) 1,2-Dichloropropane	7.20	63	598328	6.965	ppbv #	24
80) Naphthalene,2-methyl-	25.04	142	6216	0.051	ppbv	91

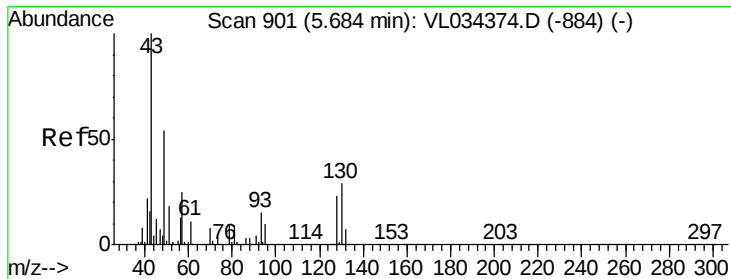
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 899

Delta R.T. -0.01 min

Lab File: VL034384.D

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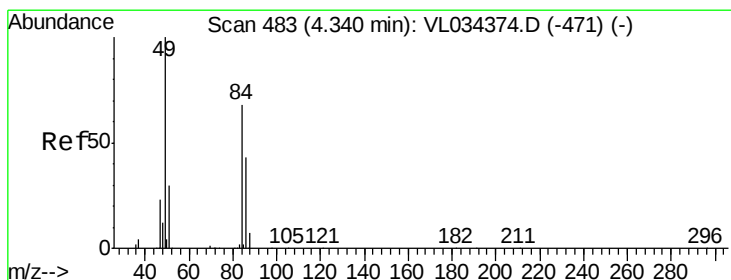
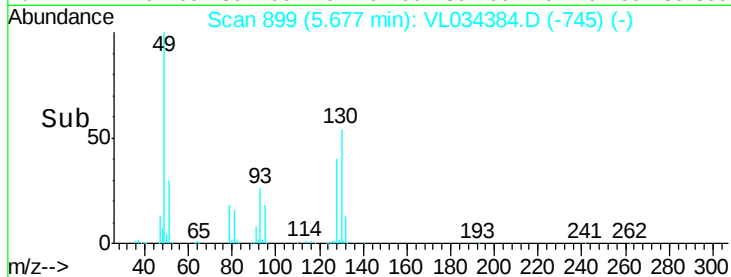
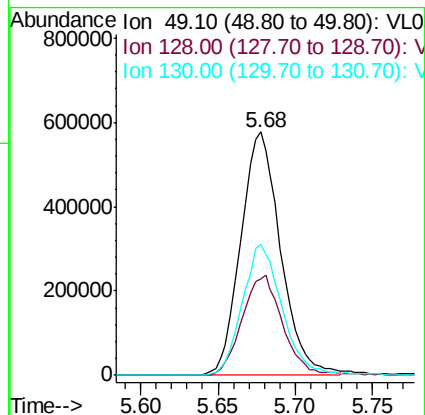
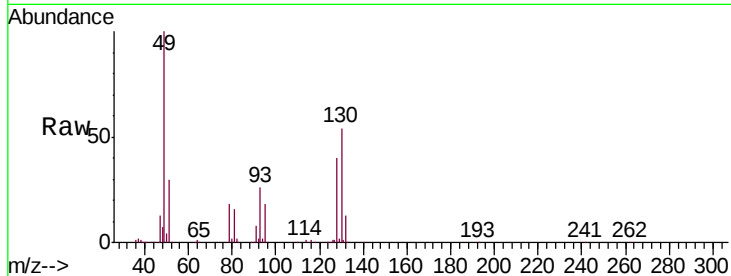
Tgt Ion: 49 Resp: 1033159

Ion Ratio Lower Upper

49 100

128 42.4 21.8 65.3

130 54.4 28.0 84.0



#20

Methylene Chloride

Concen: 0.030 ppbv

RT: 4.34 min Scan# 483

Delta R.T. 0.00 min

Lab File: VL034384.D

Acq: 19 Nov 2019 18:11

Tgt Ion: 84 Resp: 1576

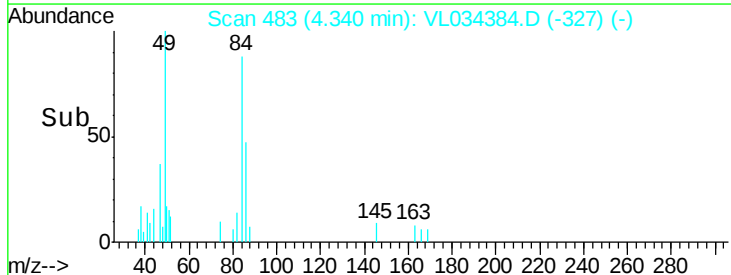
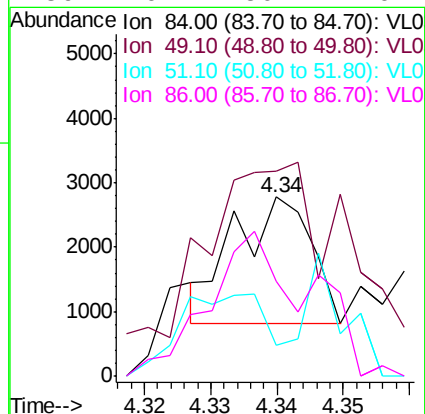
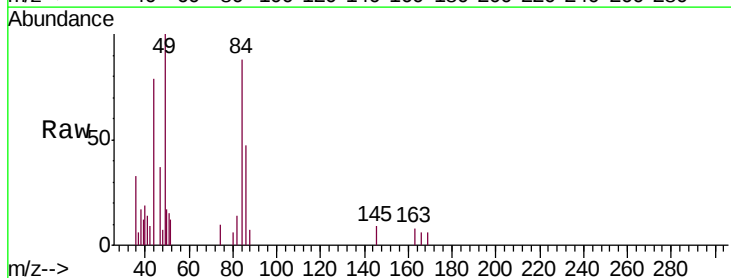
Ion Ratio Lower Upper

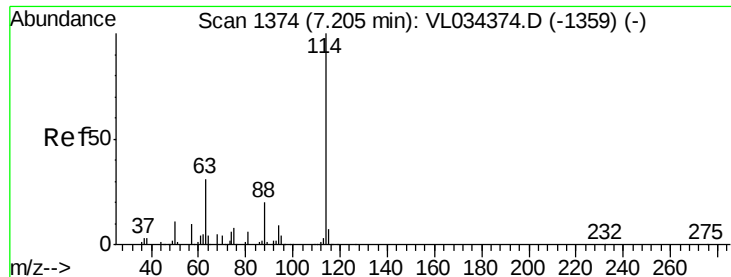
84 100

49 51.9 116.8 175.2#

51 9.3 35.6 53.4#

86 26.7 50.7 76.1#

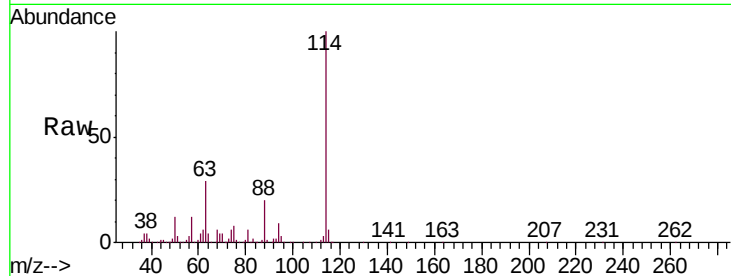




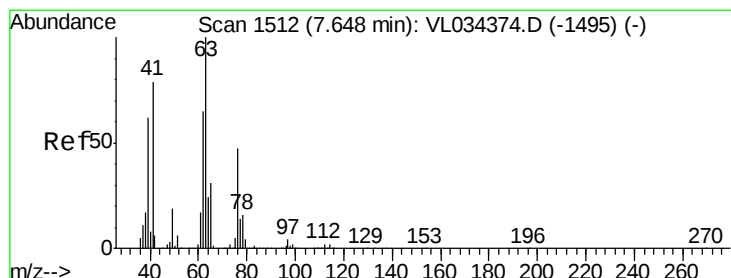
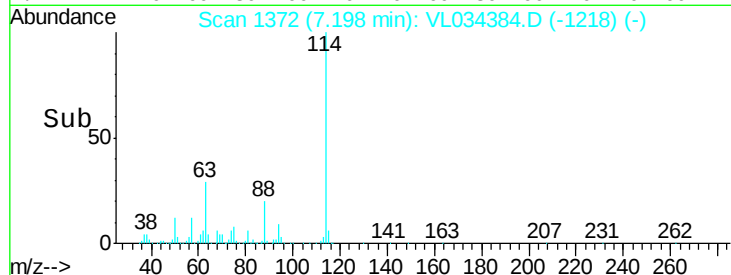
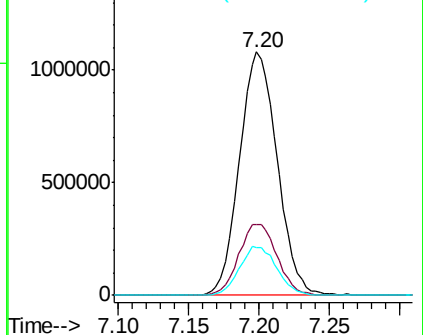
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.20 min Scan# 1372
 Delta R.T. -0.01 min
 Lab File: VL034384.D
 Acq: 19 Nov 2019 18:11

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Tgt Ion: 114 Resp: 2027186
 Ion Ratio Lower Upper
 114 100
 63 29.7 24.2 36.4
 88 20.0 15.9 23.9

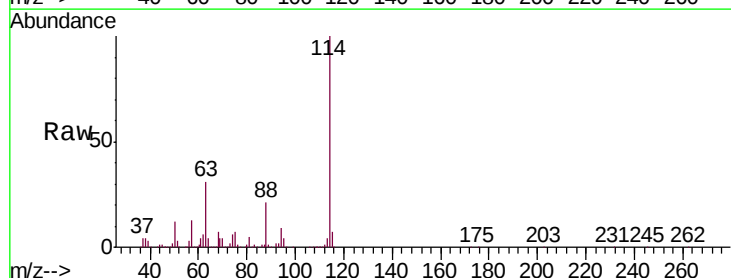


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

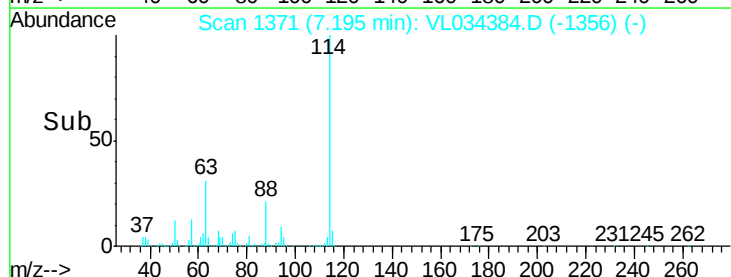
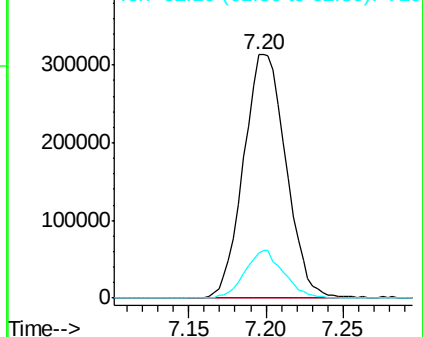


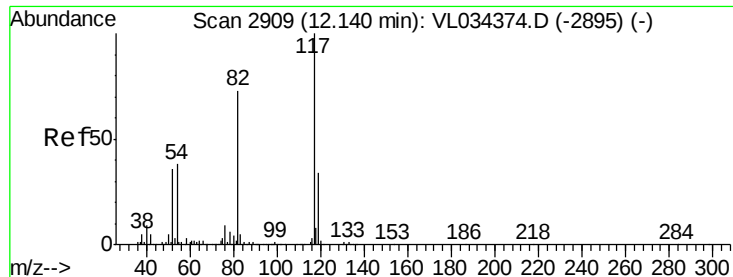
#39
 1,2-Dichloropropane
 Concen: 6.965 ppbv
 RT: 7.20 min Scan# 1371
 Delta R.T. -0.45 min
 Lab File: VL034384.D
 Acq: 19 Nov 2019 18:11

Tgt Ion: 63 Resp: 598328
 Ion Ratio Lower Upper
 63 100
 41 0.0 63.1 94.7#
 62 18.4 52.3 78.5#



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

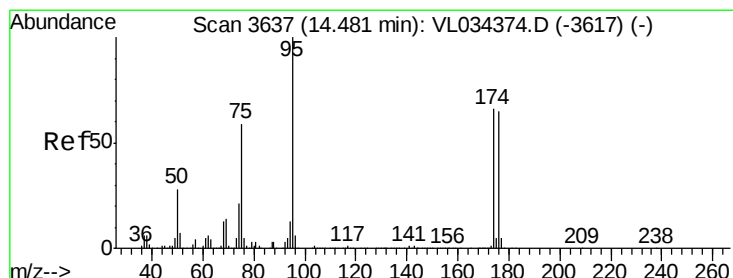
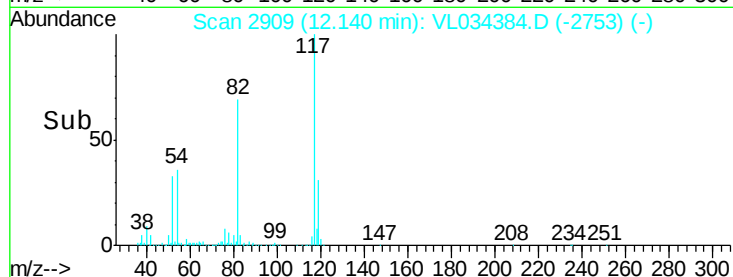
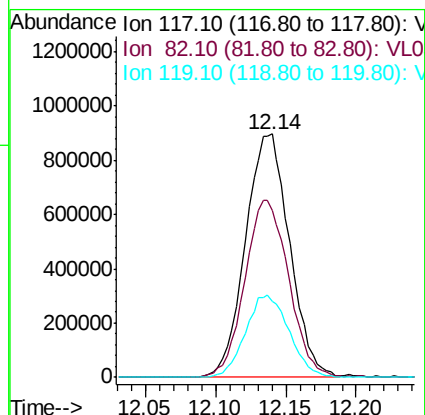
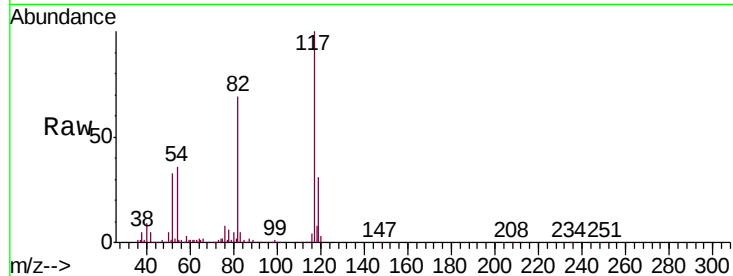




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.14 min Scan# 2909
Delta R.T. 0.00 min
Lab File: VL034384.D
Acq: 19 Nov 2019 18:11

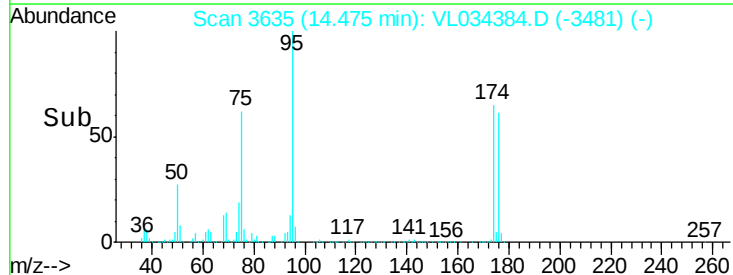
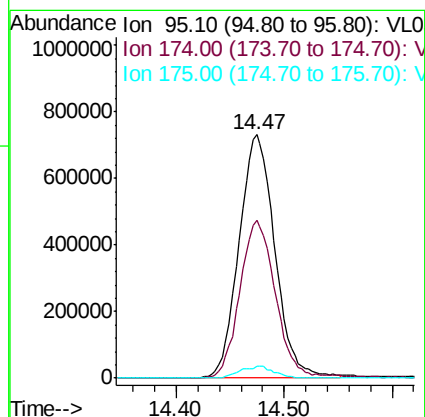
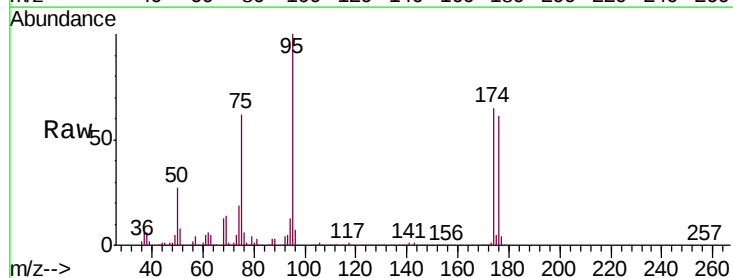
Instrument :
MSVOA_L
ClientSampleId :
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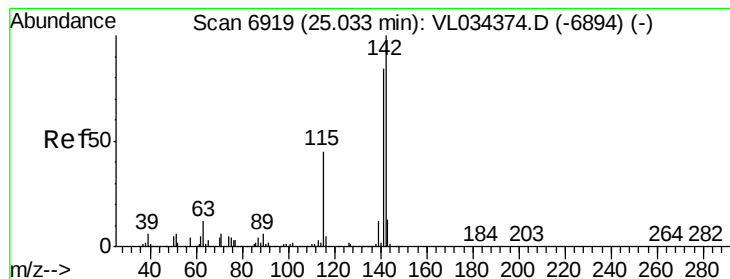
Tgt Ion: 117 Resp: 1958214
Ion Ratio Lower Upper
117 100
82 73.2 57.5 86.3
119 33.5 25.4 38.2



#68
1-Bromo-4-Fluorobenzene
Concen: 10.269 ppbv
RT: 14.47 min Scan# 3635
Delta R.T. -0.01 min
Lab File: VL034384.D
Acq: 19 Nov 2019 18:11

Tgt Ion: 95 Resp: 1691694
Ion Ratio Lower Upper
95 100
174 65.2 52.2 78.2
175 4.7 3.8 5.8





#80

Naphthalene, 2-methyl-

Concen: 0.051 ppbv

RT: 25.04 min Scan# 6922

Delta R.T. 0.01 min

Lab File: VL034384.D

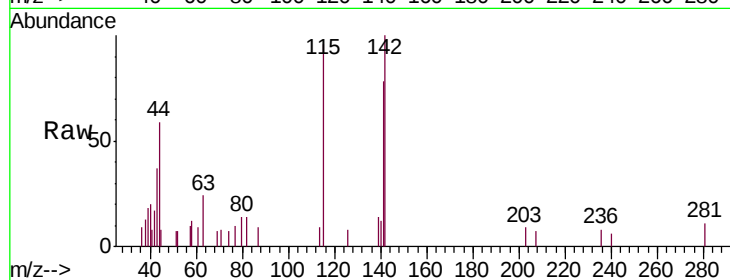
Acq: 19 Nov 2019 18:11

Instrument :

MSVOA_L

ClientSampleId :

VIBLK



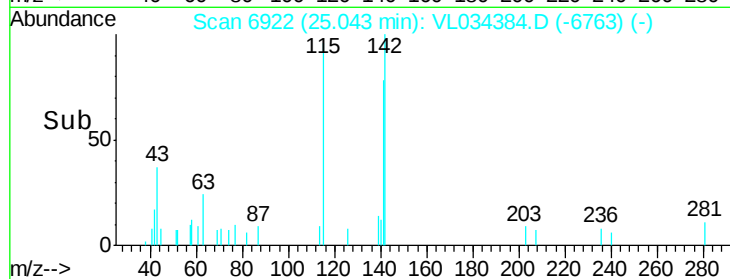
Tgt Ion:142 Resp: 6216

Ion Ratio Lower Upper

142 100

141 92.3 67.1 100.7

115 39.6 36.6 54.8



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

