

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030620\
Quantitation Report (Not Reviewed)

Data File : VL034822.D
Acq On : 6 Mar 2020 19:53
Operator : SY/AP
Sample : QC030520 CAN 10268
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC030520 CAN 10268

Quant Time: Mar 07 03:18:01 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030420AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Mar 04 06:36:39 2020
QLast Update : Wed Mar 04 06:36:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	852846	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.19	114	1923206	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.11	117	1878149	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	1457045	9.30	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.00%

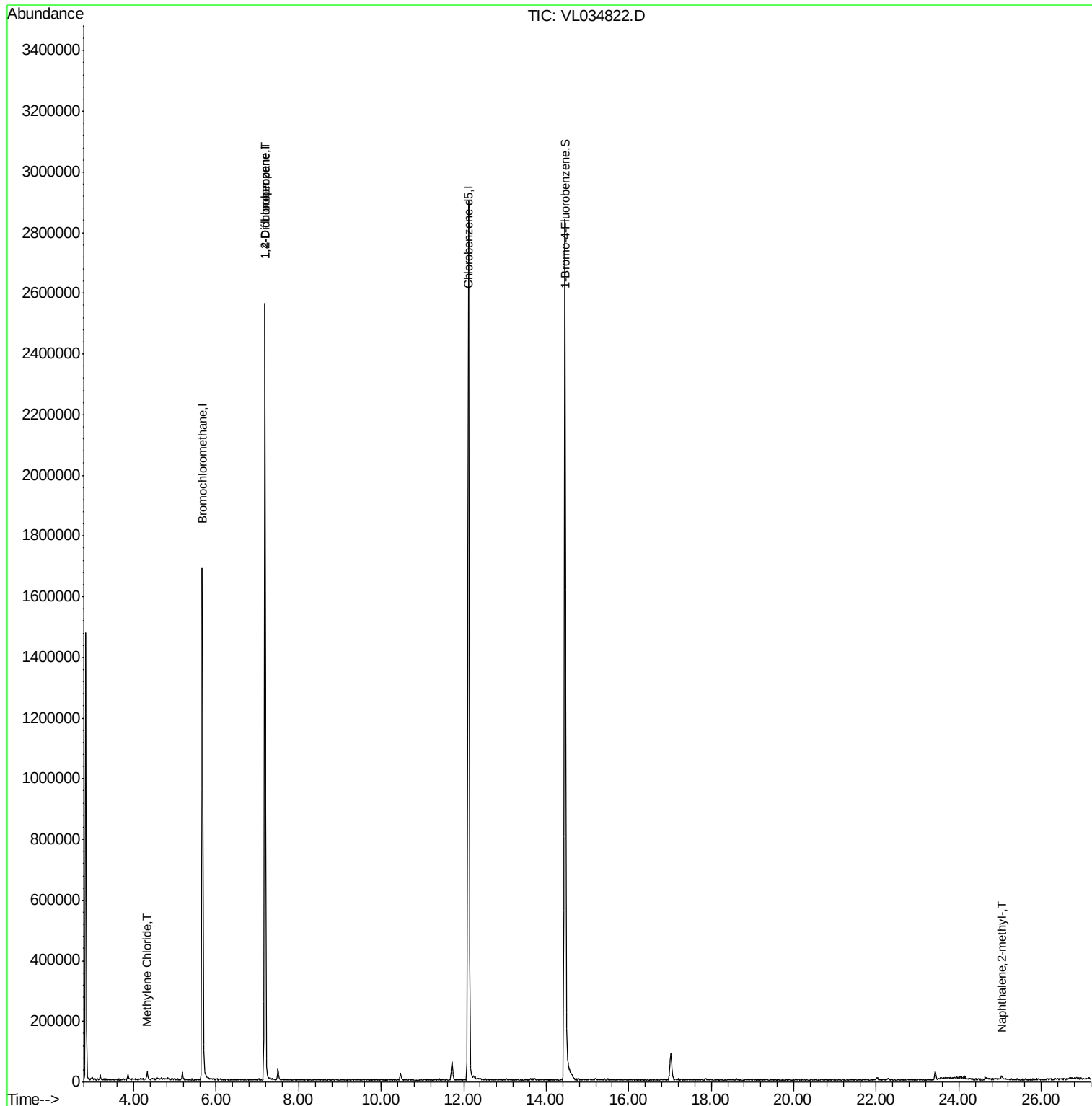
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.33	84	7535	0.207	ppbv	91
39) 1,2-Dichloropropane	7.18	63	496425	7.485	ppbv #	23
80) Naphthalene,2-methyl-	25.05	142	8142	0.193	ppbv #	83

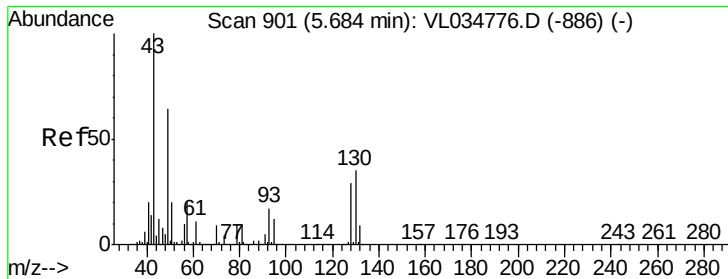
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 894

Delta R.T. -0.02 min

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MSVOA_L

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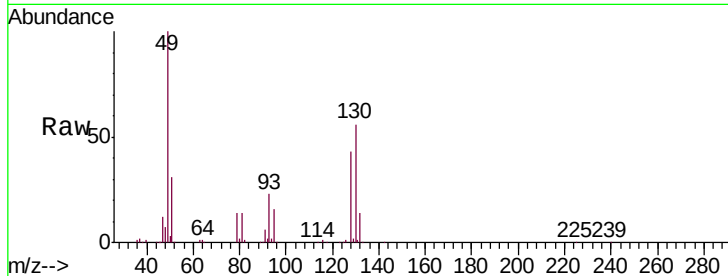
Tgt Ion: 49 Resp: 852846

Ion Ratio Lower Upper

49 100

128 47.4 21.6 64.6

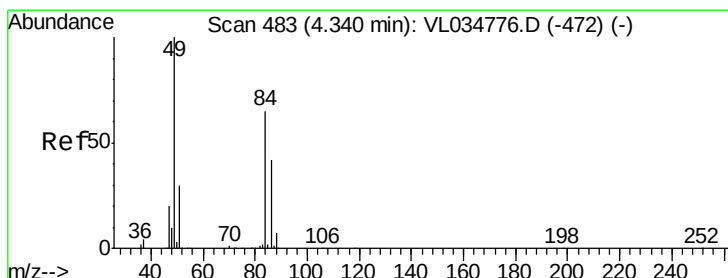
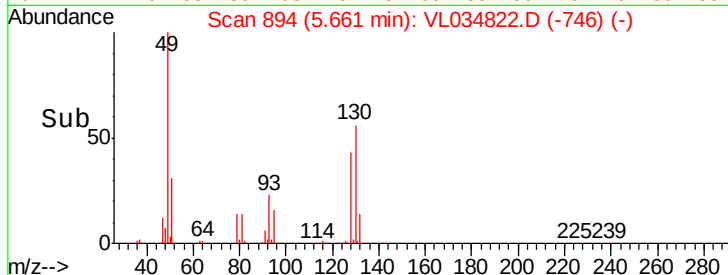
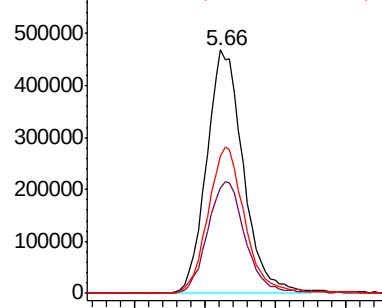
130 60.6 27.4 82.2



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: 0.207 ppbv

RT: 4.33 min Scan# 479

Delta R.T. -0.01 min

Lab File: VL034822.D

Acq: 6 Mar 2020 19:53

Tgt Ion: 84 Resp: 7535

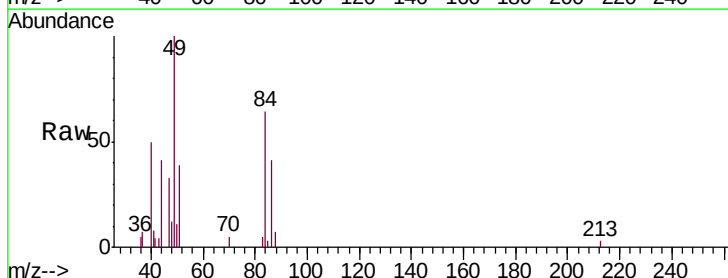
Ion Ratio Lower Upper

84 100

49 167.4 123.2 184.8

51 55.2 37.4 56.2

86 63.4 51.6 77.4

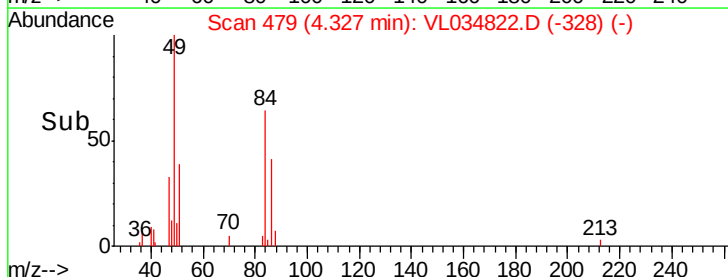
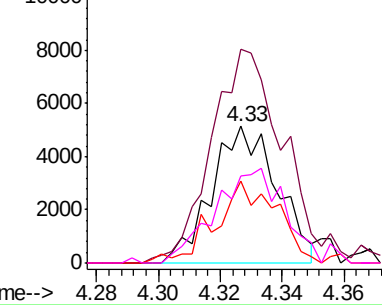


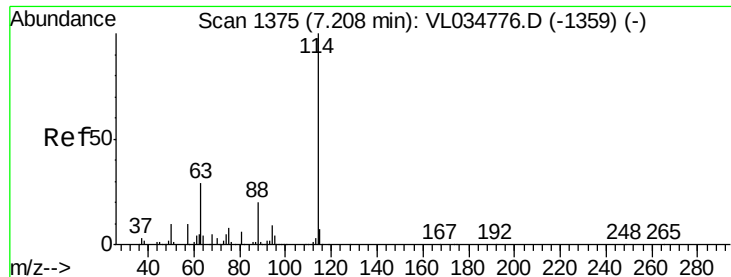
Abundance Ion 84.00 (83.70 to 84.70): VL0

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

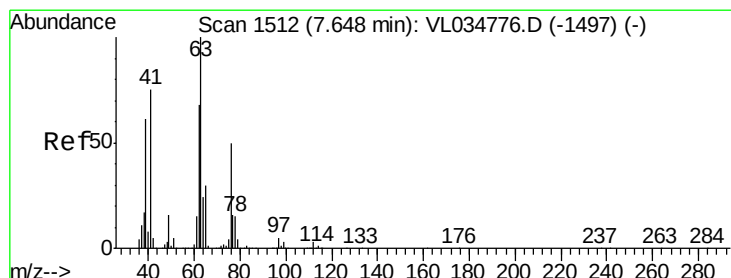
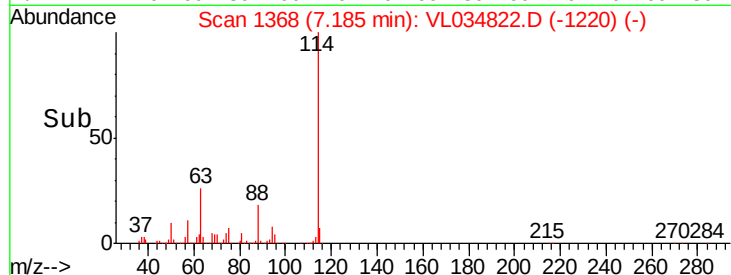
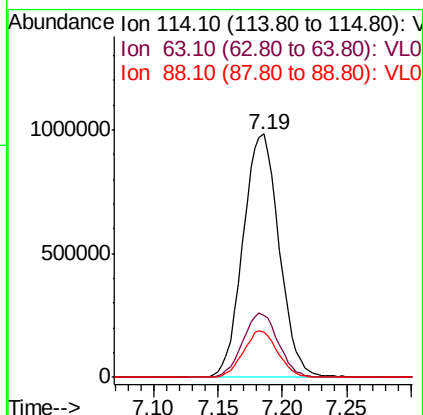
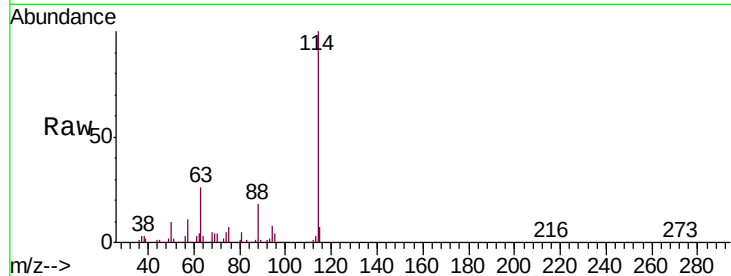




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min Scan# 1368
 Delta R.T. -0.02 min
 Lab File: VL034822.D
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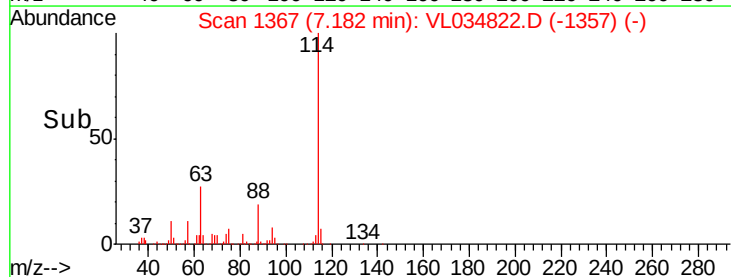
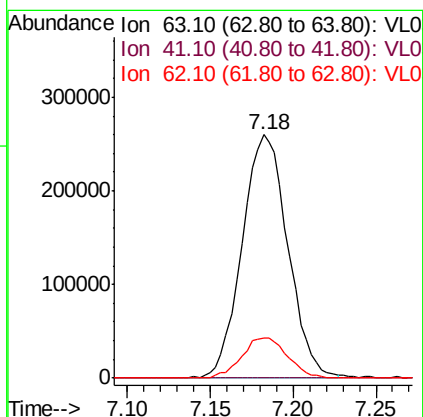
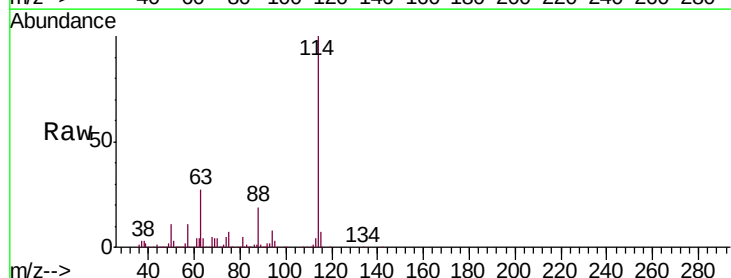
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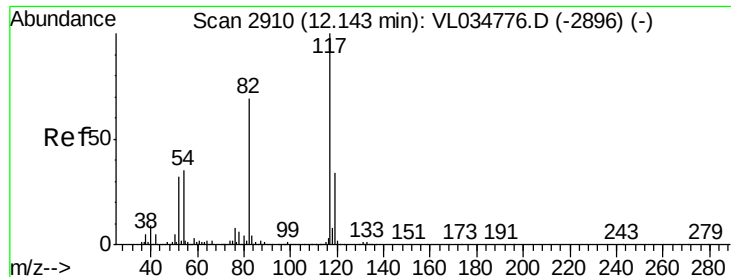
Tgt Ion:114 Resp: 1923206
 Ion Ratio Lower Upper
 114 100
 63 25.9 23.6 35.4
 88 18.2 15.8 23.8



#39
 1,2-Dichloropropane
 Concen: 7.485 ppbv
 RT: 7.18 min Scan# 1367
 Delta R.T. -0.47 min
 Lab File: VL034822.D
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Tgt Ion: 63 Resp: 496425
 Ion Ratio Lower Upper
 63 100
 41 0.0 60.3 90.5#
 62 16.2 54.5 81.7#

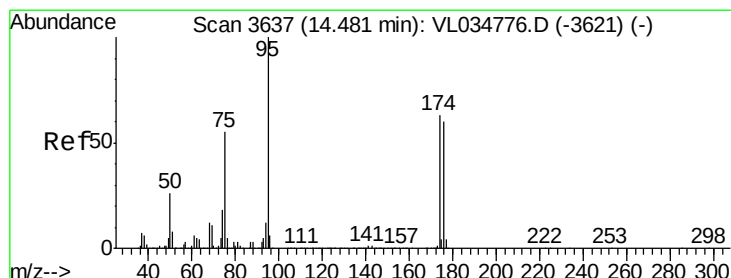
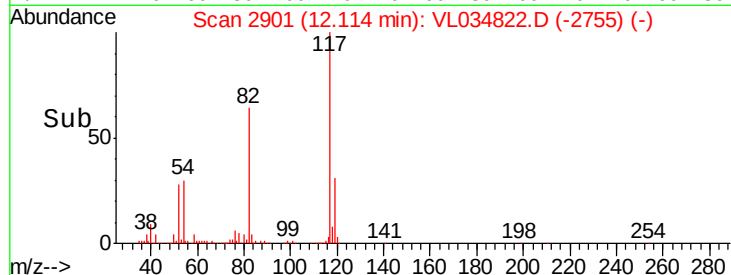
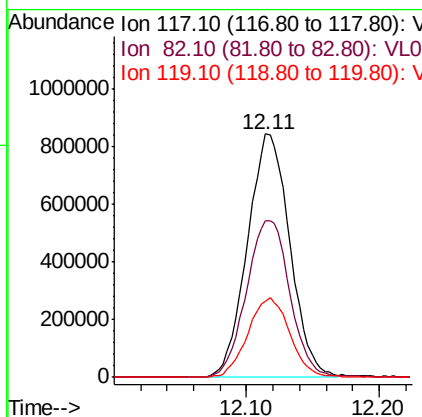
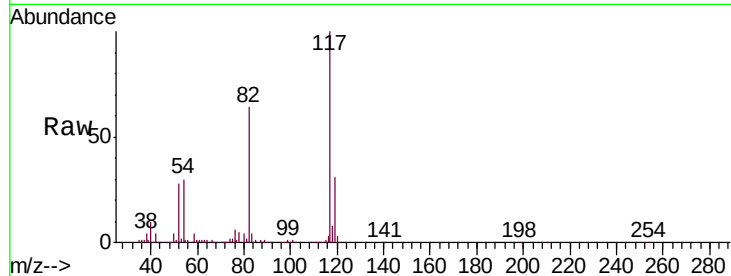




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2901
Delta R.T. -0.03 min
Lab File: VL034822.D
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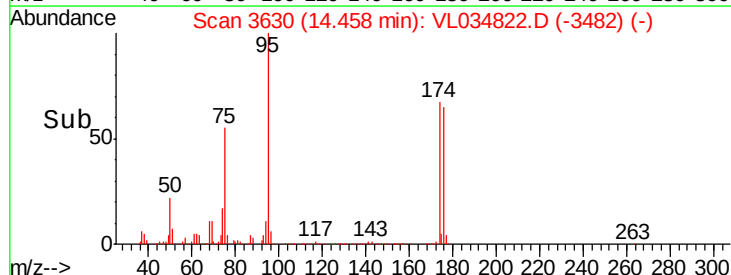
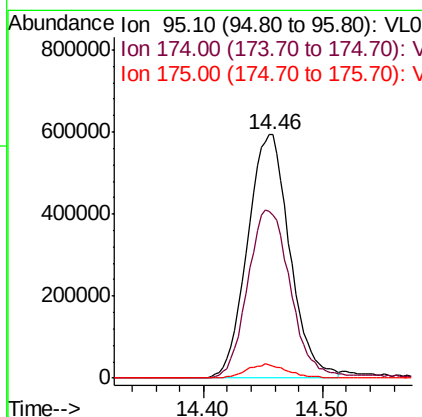
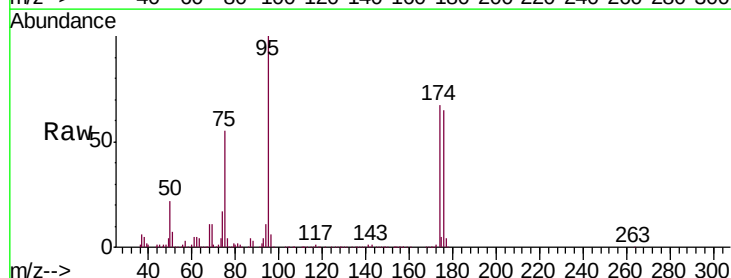
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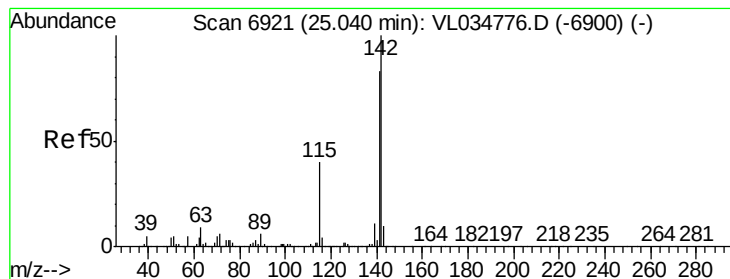
Tgt Ion: 117 Resp: 1878149
Ion Ratio Lower Upper
117 100
82 66.7 53.9 80.9
119 32.5 25.0 37.4



#68
1-Bromo-4-Fluorobenzene
Concen: 9.304 ppbv
RT: 14.46 min Scan# 3630
Delta R.T. -0.02 min
Lab File: VL034822.D
Acq: 6 Mar 2020 19:53

Tgt Ion: 95 Resp: 1457045
Ion Ratio Lower Upper
95 100
174 72.1 50.6 76.0
175 5.7 3.8 5.6#





#80

Naphthalene, 2-methyl-

Concen: 0.193 ppbv

RT: 25.05 min Scan# 6923

Delta R.T. 0.01 min

Lab File: VL034822.D

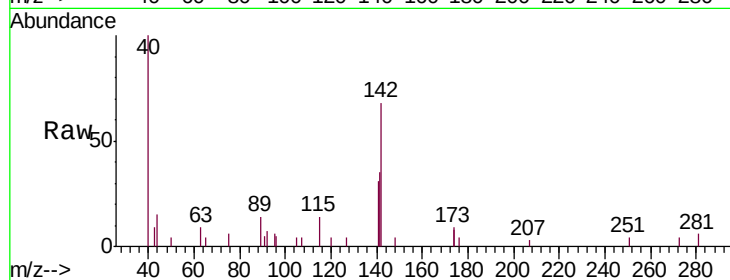
Acq: 6 Mar 2020 19:53

Instrument :

MSVOA_L

ClientSampleId :

QC030520 CAN 10268



Tgt Ion:142 Resp: 8142

Ion Ratio Lower Upper

142 100

141 102.3 67.7 101.5#

115 45.2 30.7 46.1

