

Data File : VL034793.D
Acq On : 5 Mar 2020 12:49
Operator : SY/AP
Sample : QC022420 CAN 10401
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC022420 CAN 10401

Quant Time: Mar 06 03:42:17 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	5.65	49	1114619	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.17	114	2284007	10.00	ppbv	-0.04
55) Chlorobenzene-d5	12.11	117	2202495	10.00	ppbv	-0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	1854731	10.10	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.00%

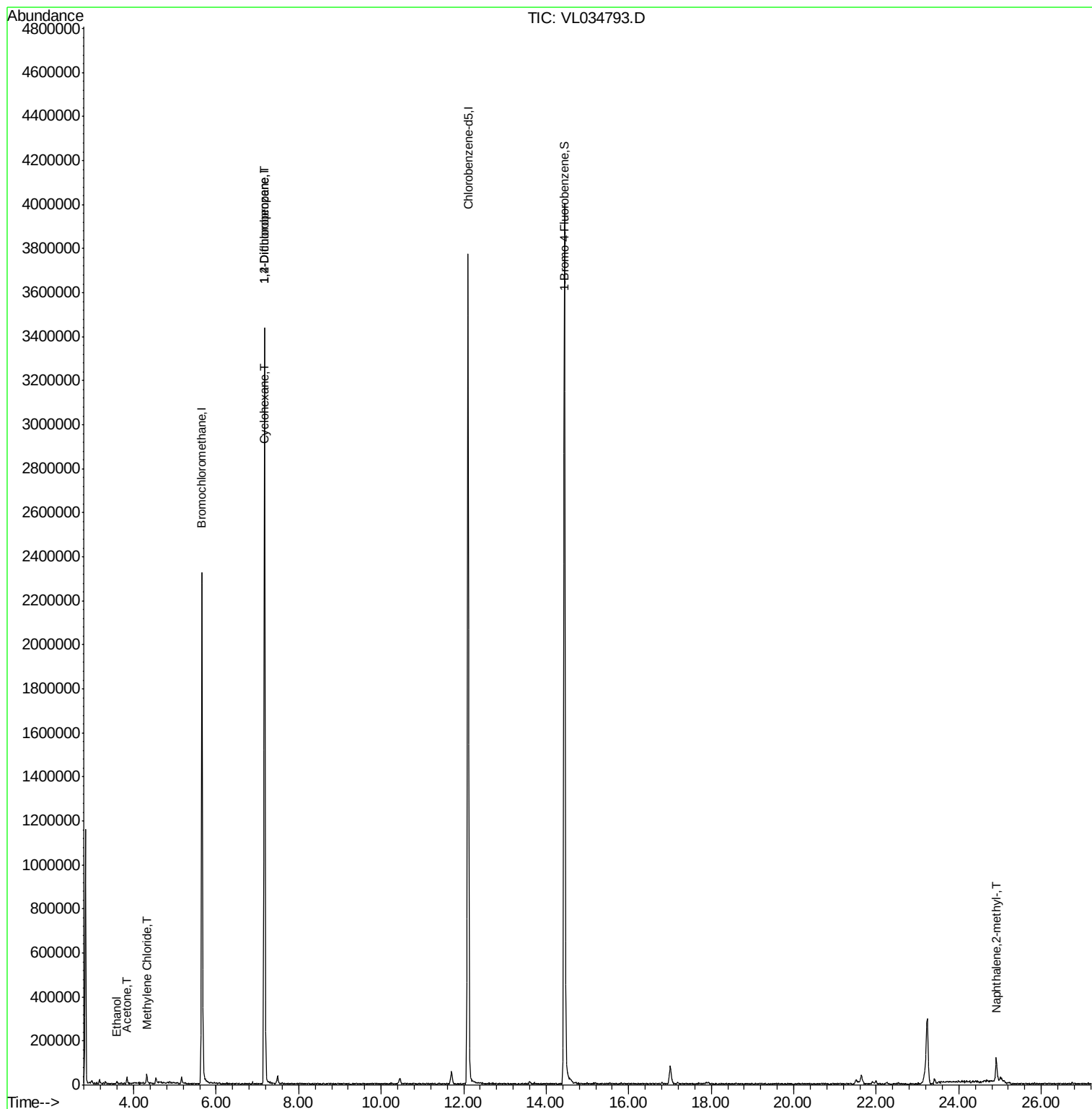
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Ethanol	3.58	45	2244	0.131	ppbv #	1
15) Acetone	3.83	43	23601	0.177	ppbv #	54
20) Methylene Chloride	4.32	84	4701	0.099	ppbv #	37
30) Cyclohexane	7.15	84	3260	0.042	ppbv #	1
39) 1,2-Dichloropropane	7.17	63	652060	8.279	ppbv #	23
80) Naphthalene,2-methyl-	24.90	142	62246	1.257	ppbv	98

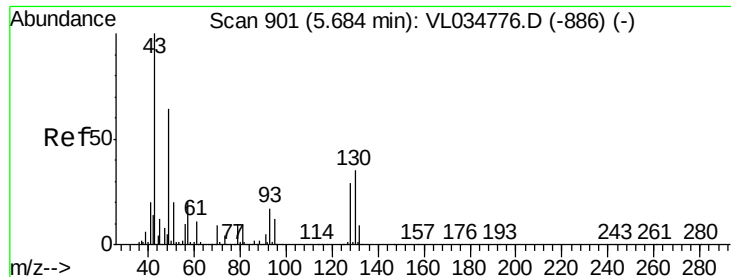
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VL034793.D
Acq On : 5 Mar 2020 12:49
Operator : SY/AP
Sample : QC022420 CAN 10401
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC022420 CAN 10401

Quant Time: Mar 06 03:42:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030420AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Mar 04 06:36:39 2020
QLast Update : Wed Mar 04 06:36:39 2020
Response via : Initial Calibration

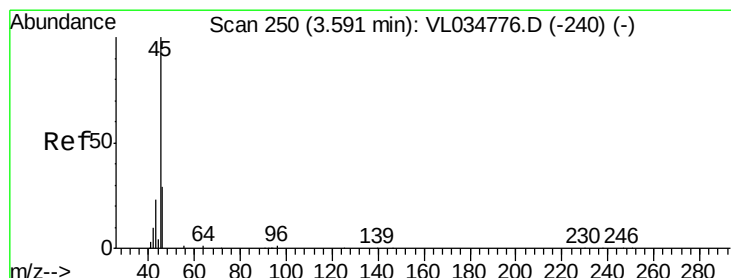
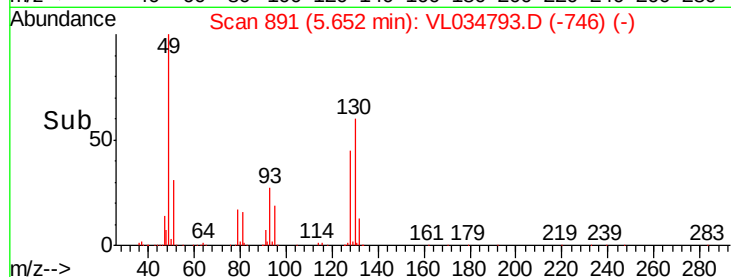
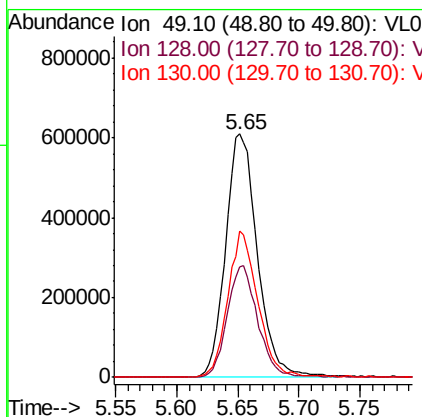
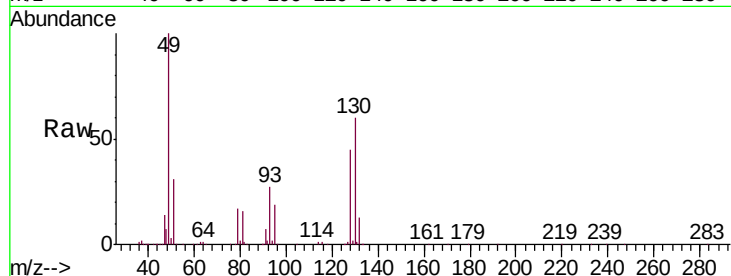




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.65 min Scan# 891
 Delta R.T. -0.03 min
 Lab File: VL034793.D
 Acq: 5 Mar 2020 12:49

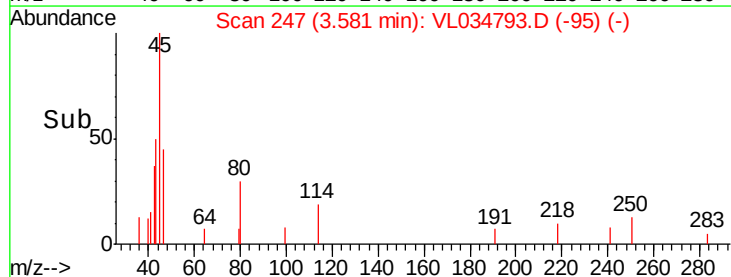
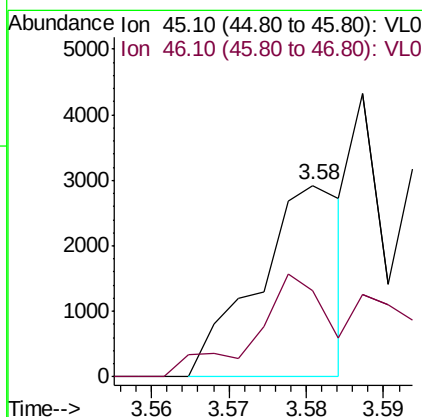
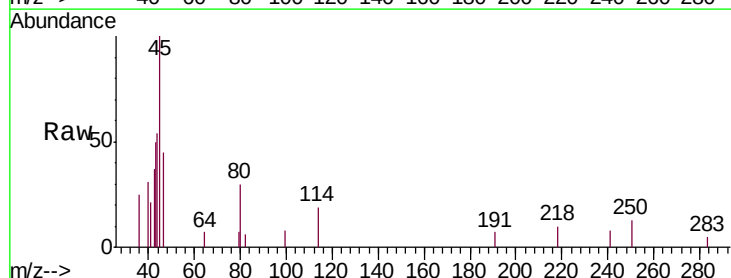
Instrument :
 MSVOA_L
 ClientSampleId :
 QC022420 CAN 10401

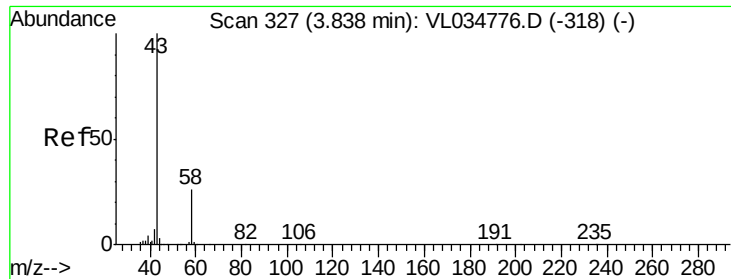
Tgt Ion: 49 Resp: 1114619
 Ion Ratio Lower Upper
 49 100
 128 44.4 21.6 64.6
 130 56.9 27.4 82.2



#13
 Ethanol
 Concen: 0.131 ppbv
 RT: 3.58 min Scan# 247
 Delta R.T. -0.01 min
 Lab File: VL034793.D
 Acq: 5 Mar 2020 12:49

Tgt Ion: 45 Resp: 2244
 Ion Ratio Lower Upper
 45 100
 46 123.4 14.7 58.9#

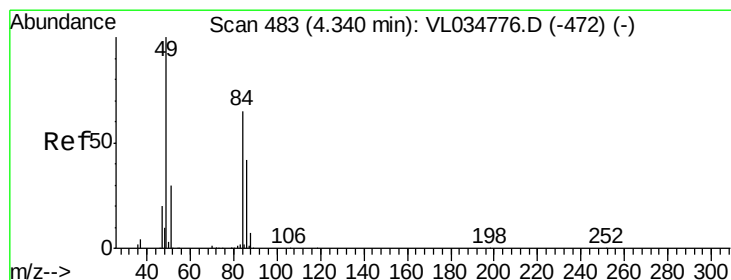
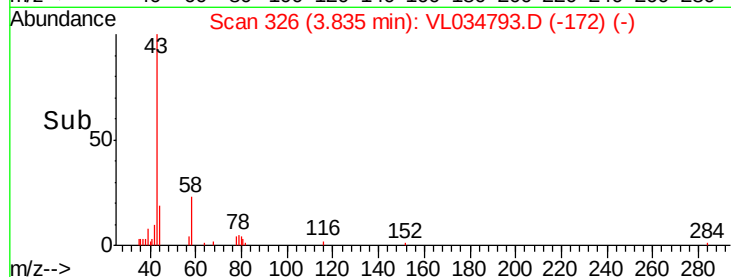
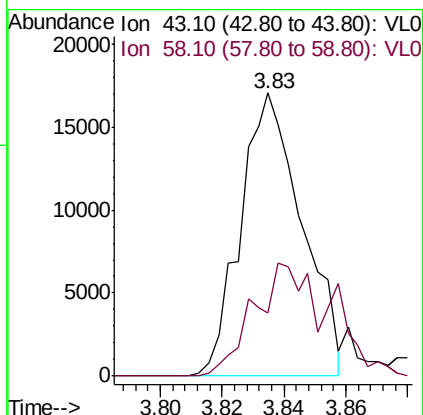
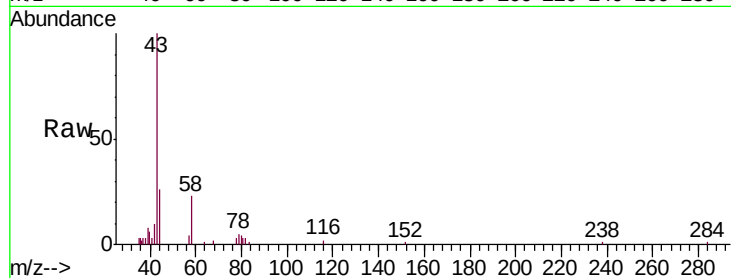




#15
Acetone
Concen: 0.177 ppbv
RT: 3.83 min Scan# 326
Delta R.T. -0.00 min
Lab File: VL034793.D
Acq: 5 Mar 2020 12:49

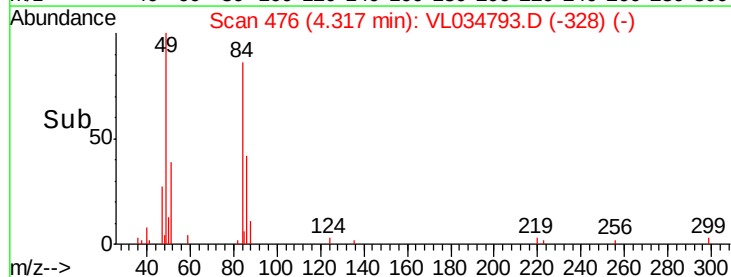
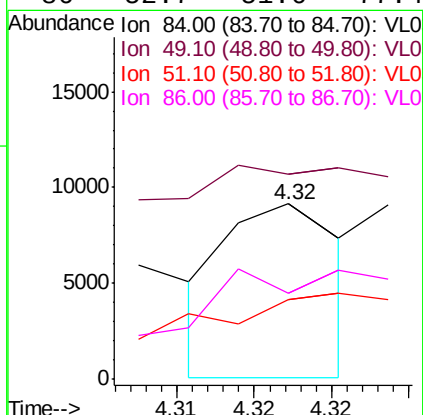
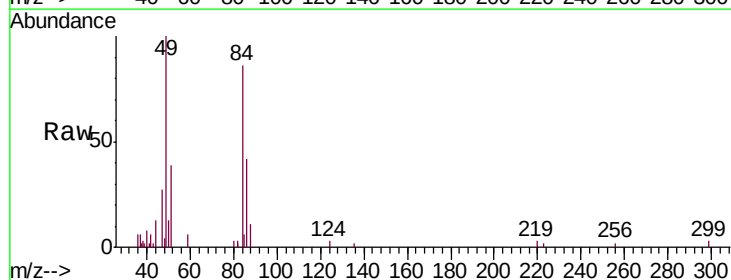
Instrument :
MSVOA_L
ClientSampleId :
QC022420 CAN 10401

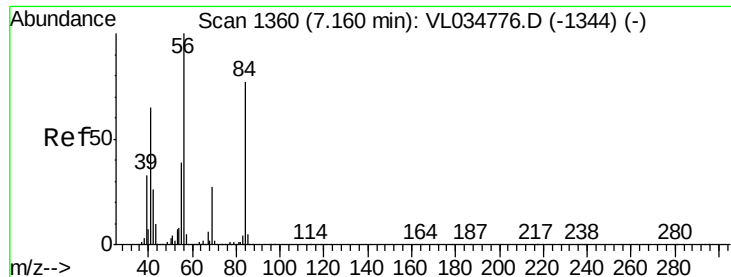
Tgt Ion: 43 Resp: 23601
Ion Ratio Lower Upper
43 100
58 50.0 21.0 31.6#



#20
Methylene Chloride
Concen: 0.099 ppbv
RT: 4.32 min Scan# 476
Delta R.T. -0.02 min
Lab File: VL034793.D
Acq: 5 Mar 2020 12:49

Tgt Ion: 84 Resp: 4701
Ion Ratio Lower Upper
84 100
49 36.9 123.2 184.8#
51 21.2 37.4 56.2#
86 52.7 51.6 77.4

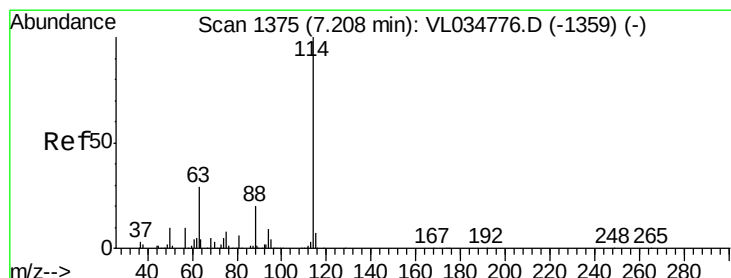
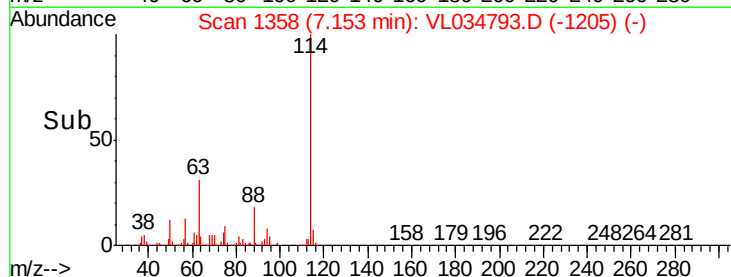
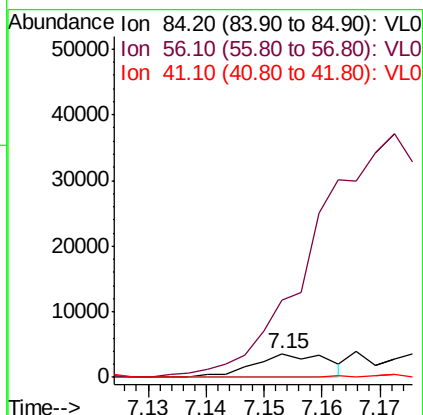
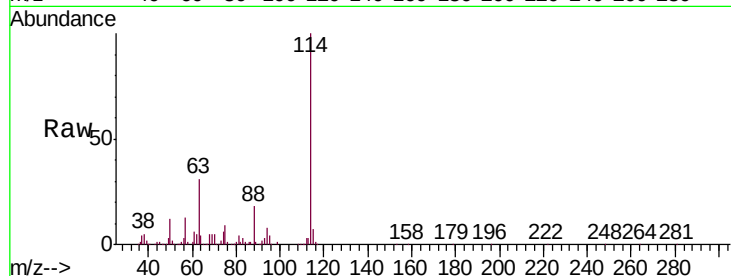




#30
Cyclohexane
Concen: 0.042 ppbv
RT: 7.15 min Scan# 1358
Delta R.T. -0.01 min
Lab File: VL034793.D
Acq: 5 Mar 2020 12:49

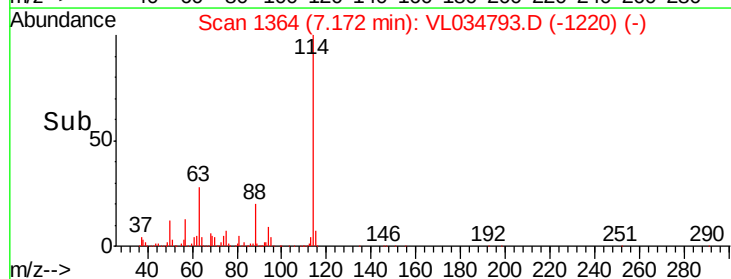
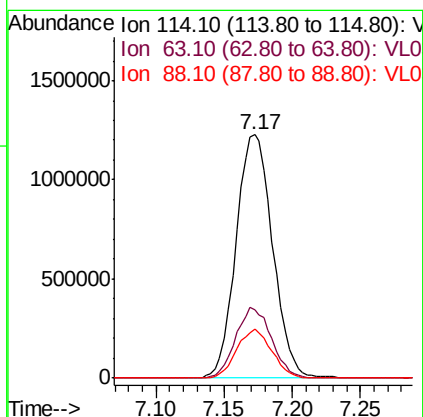
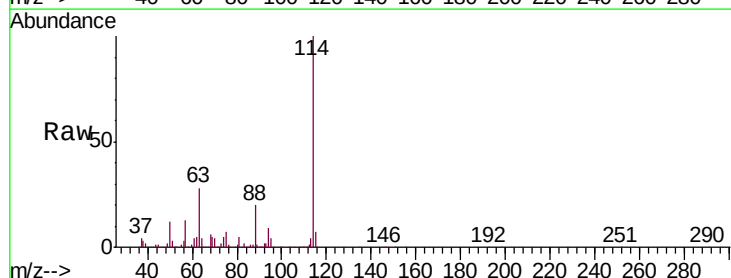
Instrument :
MSVOA_L
ClientSampleId :
QC022420 CAN 10401

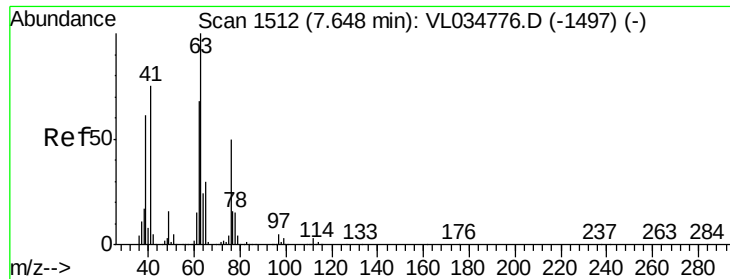
Tgt Ion: 84 Resp: 3260
Ion Ratio Lower Upper
84 100
56 0.0 113.2 169.8#
41 0.0 70.2 105.4#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1364
Delta R.T. -0.04 min
Lab File: VL034793.D
Acq: 5 Mar 2020 12:49

Tgt Ion: 114 Resp: 2284007
Ion Ratio Lower Upper
114 100
63 28.6 23.6 35.4
88 19.5 15.8 23.8





#39

1,2-Dichloropropane

Concen: 8.279 ppbv

RT: 7.17 min Scan# 1363

Delta R.T. -0.48 min

Lab File: VL034793.D

Acq: 5 Mar 2020 12:49

Instrument :

MSVOA_L

ClientSampleId :

QC022420 CAN 10401

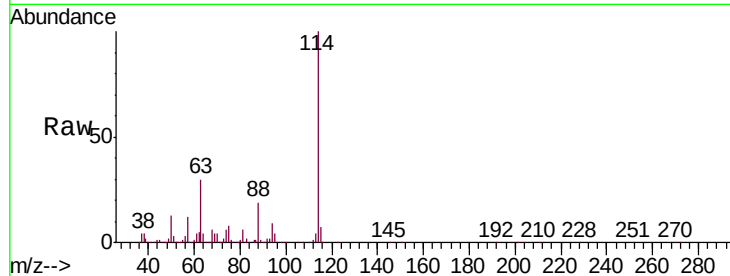
Tgt Ion: 63 Resp: 652060

Ion Ratio Lower Upper

63 100

41 0.0 60.3 90.5#

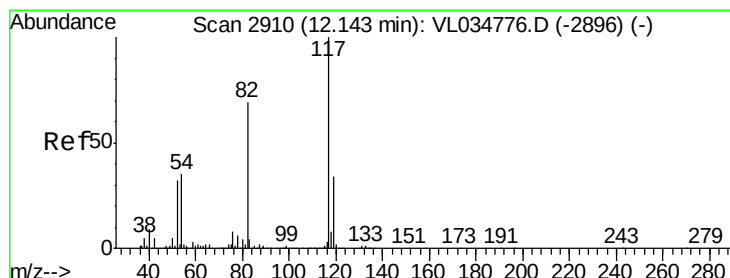
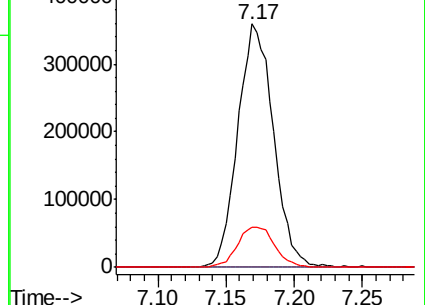
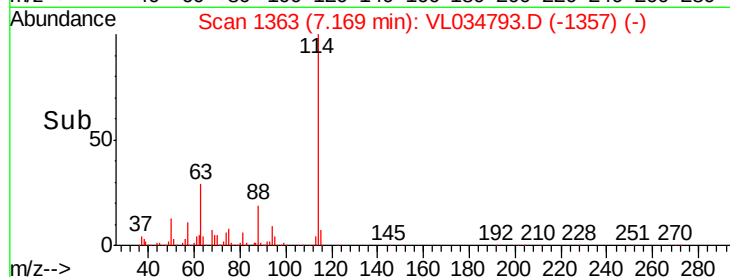
62 16.6 54.5 81.7#



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: 12.11 min Scan# 2899

Delta R.T. -0.04 min

Lab File: VL034793.D

Acq: 5 Mar 2020 12:49

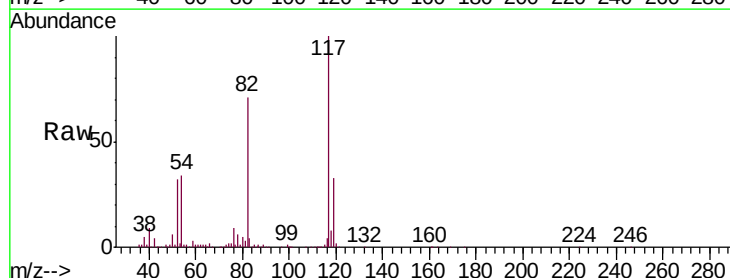
Tgt Ion: 117 Resp: 2202495

Ion Ratio Lower Upper

117 100

82 71.8 53.9 80.9

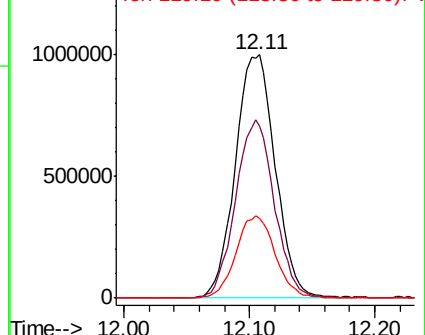
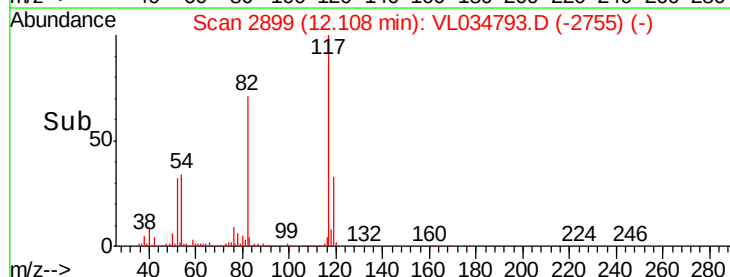
119 33.4 25.0 37.4

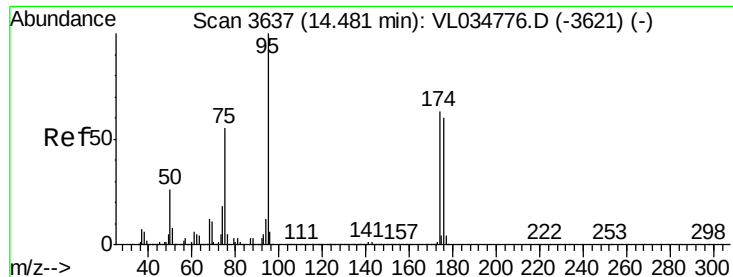


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V

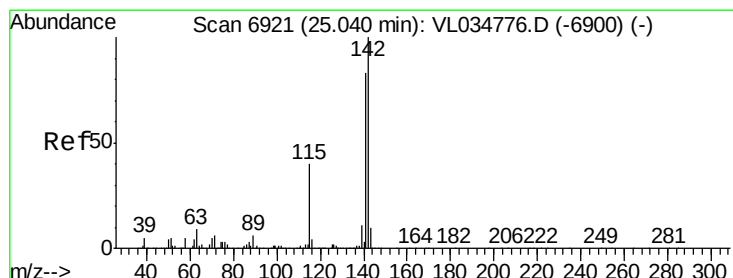
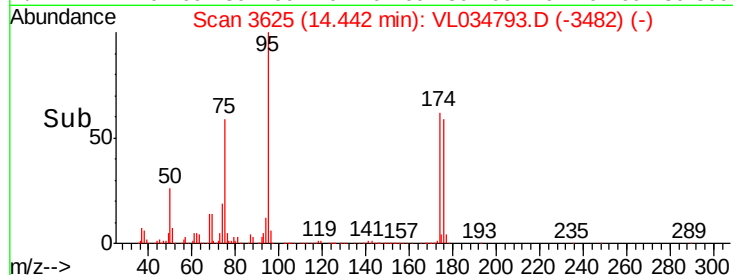
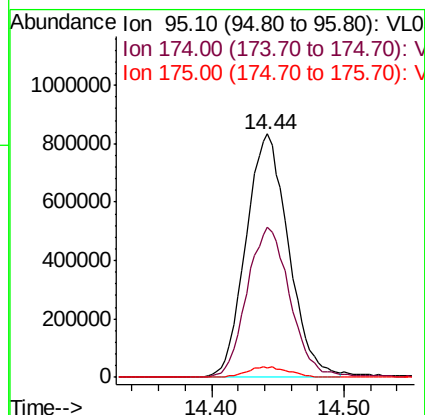
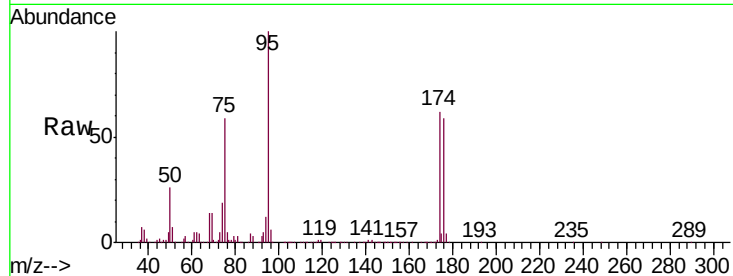




#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.099 ppbv
 RT: 14.44 min Scan# 3625
 Delta R.T. -0.04 min
 Lab File: VL034793.D
 Acq: 5 Mar 2020 12:49

Instrument :
 MSVOA_L
 ClientSampleId :
 QC022420 CAN 10401

Tgt Ion: 95 Resp: 1854731
 Ion Ratio Lower Upper
 95 100
 174 62.9 50.6 76.0
 175 4.5 3.8 5.6



#80
 Naphthalene, 2-methyl-
 Concen: 1.257 ppbv
 RT: 24.90 min Scan# 6879
 Delta R.T. -0.14 min
 Lab File: VL034793.D
 Acq: 5 Mar 2020 12:49

Tgt Ion: 142 Resp: 62246
 Ion Ratio Lower Upper
 142 100
 141 83.2 67.7 101.5
 115 40.6 30.7 46.1

