

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL021920\
Quantitation Report (Not Reviewed)

Data File : VL034651.D
Acq On : 19 Feb 2020 14:25
Operator : SY/AP
Sample : QC021820 CAN 10054
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC021820 CAN 10054

Quant Time: Feb 20 06:50:06 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL013020AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Thu Jan 30 17:16:44 2020
QLast Update : Thu Jan 30 17:16:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	832626	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	1751021	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.10	117	1664112	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	1381074	9.82	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.20%

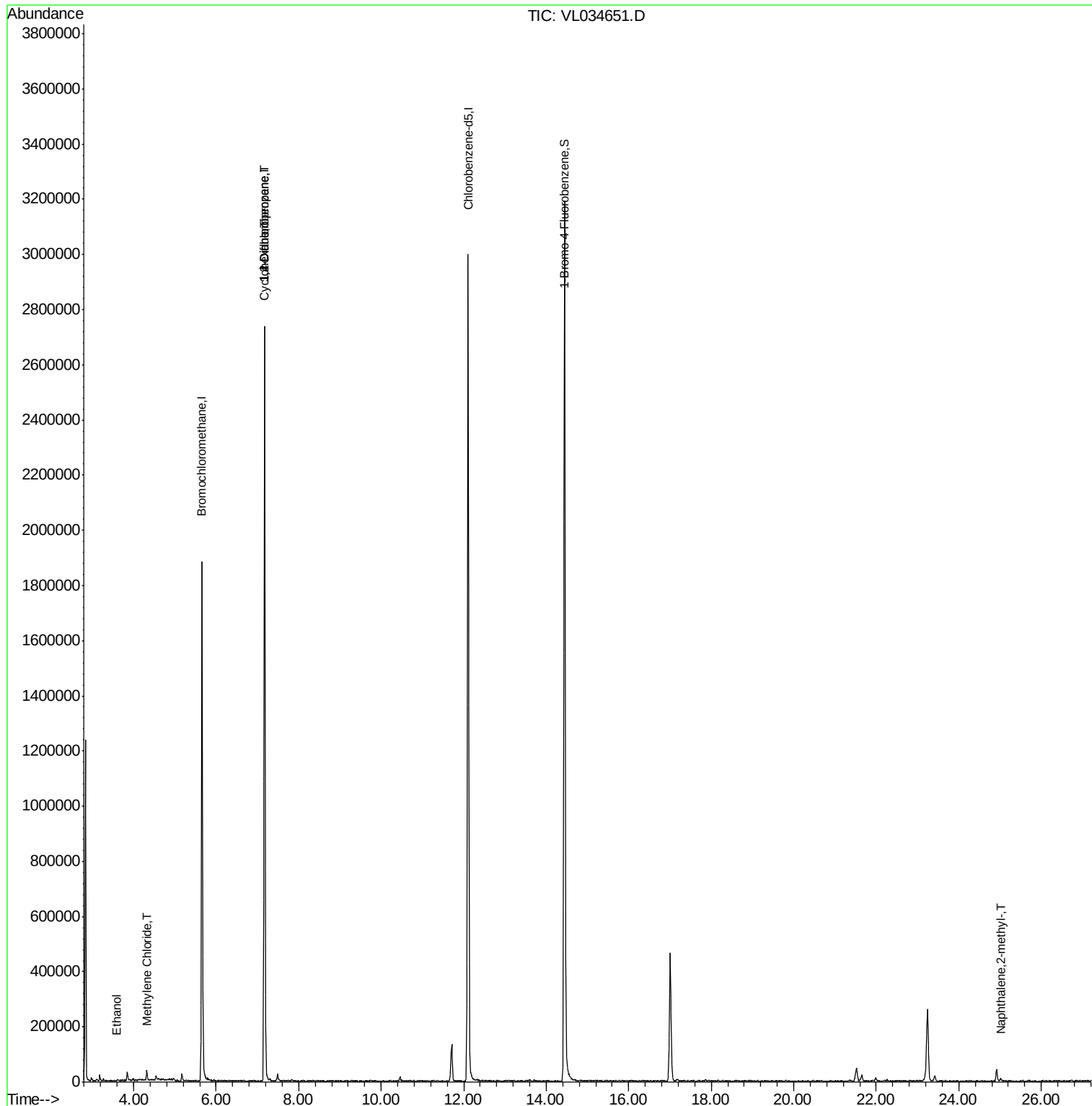
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Ethanol	3.58	45	355	0.034	ppbv #	41
20) Methylene Chloride	4.31	84	1934	0.042	ppbv #	90
30) Cyclohexane	7.16	84	3292	0.054	ppbv #	1
39) 1,2-Dichloropropane	7.17	63	500815	7.758	ppbv #	20
80) Naphthalene,2-methyl-	25.03	142	6696	0.094	ppbv	98

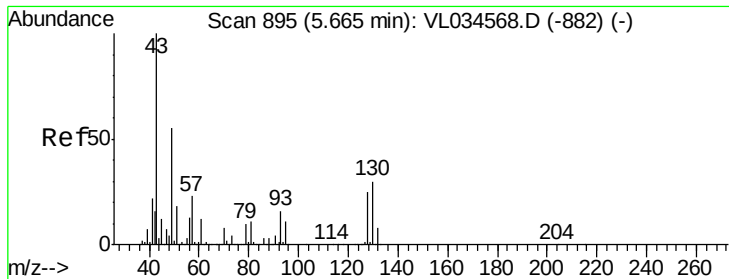
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 892

Delta R.T. -0.01 min

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MSVOA_L

ClientSampleId :

QC021820 CAN 10054

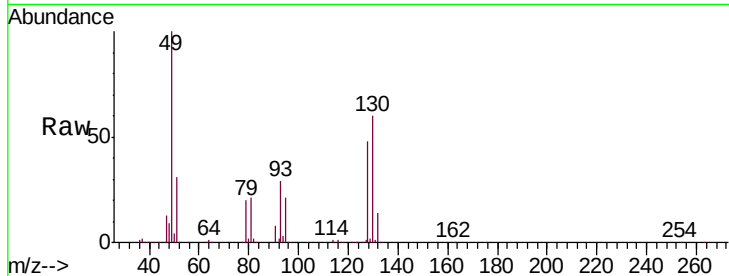
Tgt Ion: 49 Resp: 832626

Ion Ratio Lower Upper

49 100

128 47.3 22.7 68.1

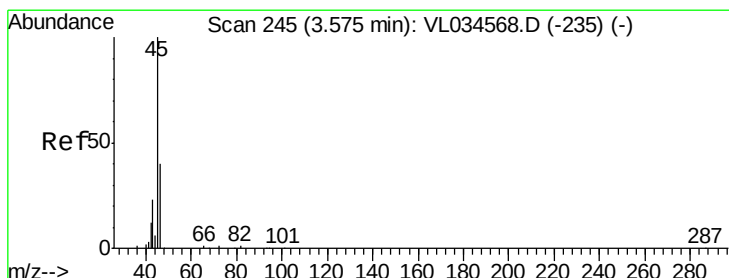
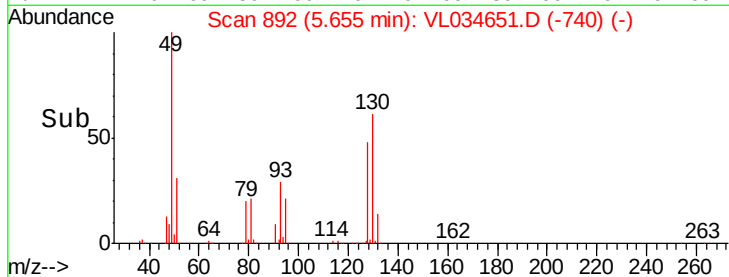
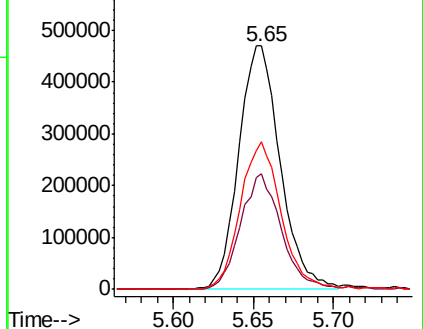
130 60.7 28.6 85.8



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



#13

Ethanol

Concen: 0.034 ppbv

RT: 3.58 min Scan# 247

Delta R.T. 0.01 min

Lab File: VL034651.D

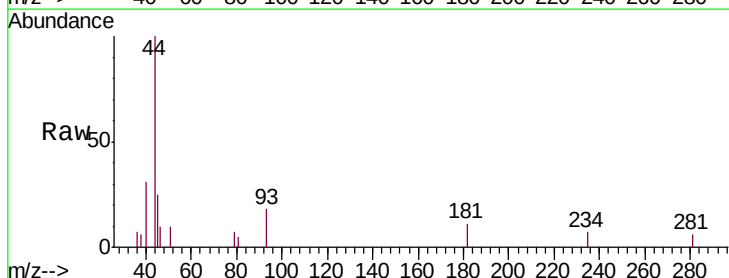
Acq: 19 Feb 2020 14:25

Tgt Ion: 45 Resp: 355

Ion Ratio Lower Upper

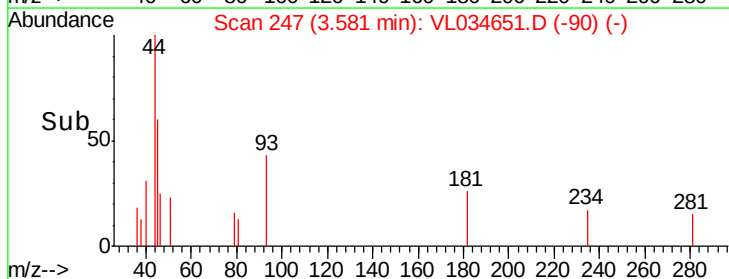
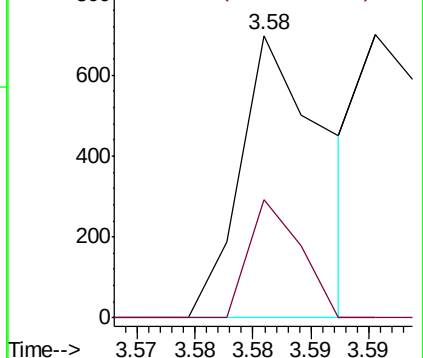
45 100

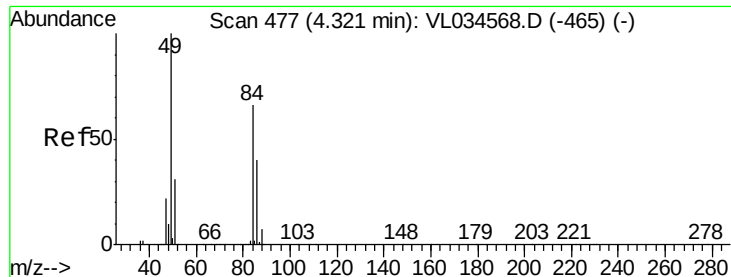
46 72.1 14.8 59.2#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0

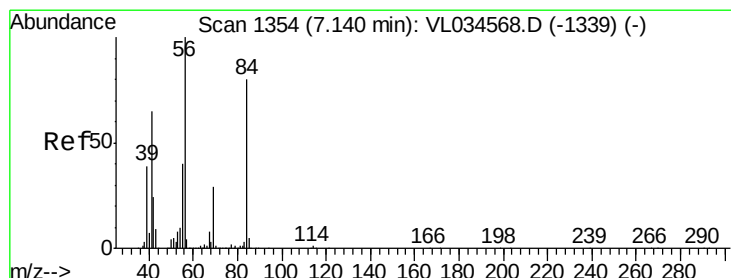
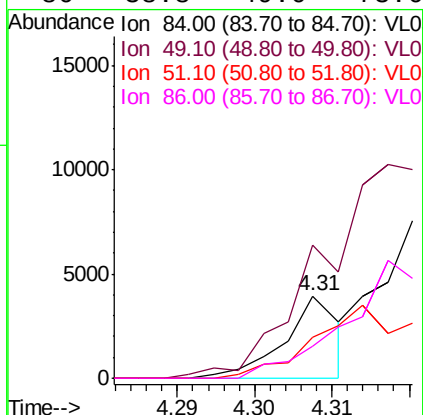
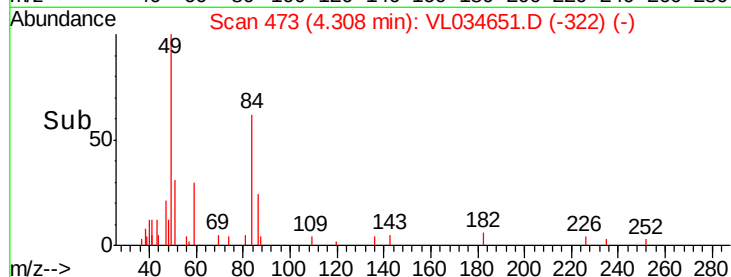
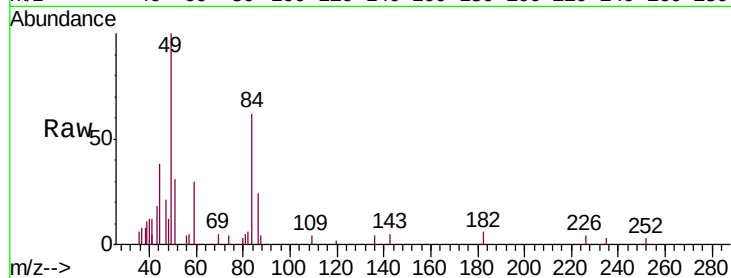




#20
Methylene Chloride
Concen: 0.042 ppbv
RT: 4.31 min Scan# 473
Delta R.T. -0.01 min
Lab File: VL034651.D
Acq: 19 Feb 2020 14:25

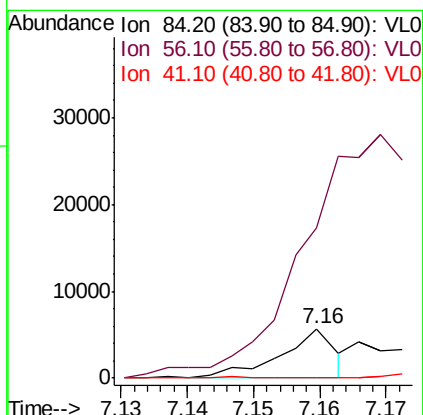
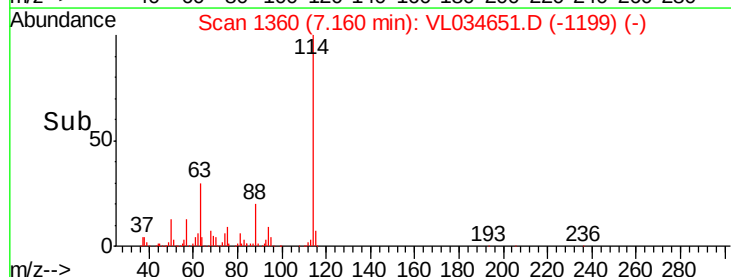
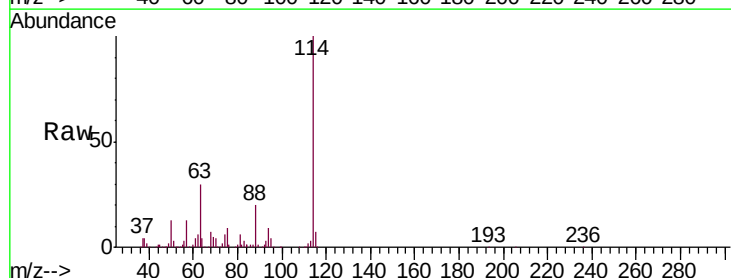
Instrument :
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QC021820 CAN 10054

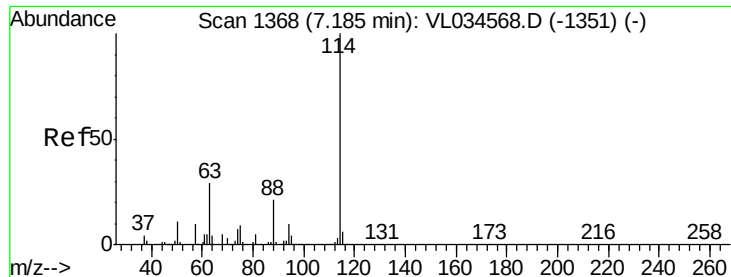
Tgt Ion:	84	Resp:	1934
Ion	Ratio	Lower	Upper
84	100		
49	157.3	122.4	183.6
51	50.7	38.6	57.8
86	38.8	49.0	73.6#



#30
Cyclohexane
Concen: 0.054 ppbv
RT: 7.16 min Scan# 1360
Delta R.T. 0.02 min
Lab File: VL034651.D
Acq: 19 Feb 2020 14:25

Tgt Ion:	84	Resp:	3292
Ion	Ratio	Lower	Upper
84	100		
56	0.0	110.5	165.7#
41	0.0	71.9	107.9#

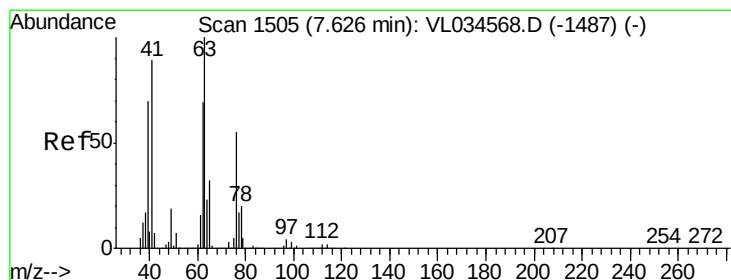
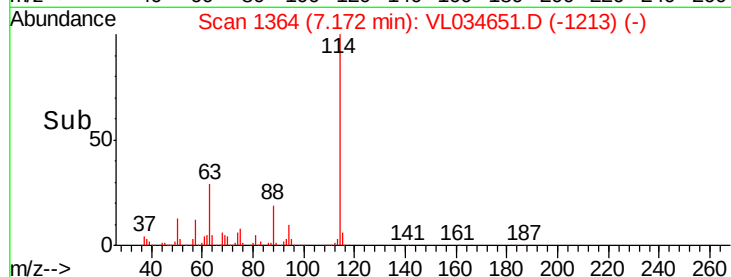
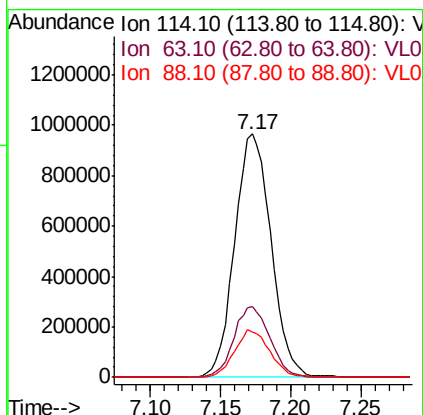
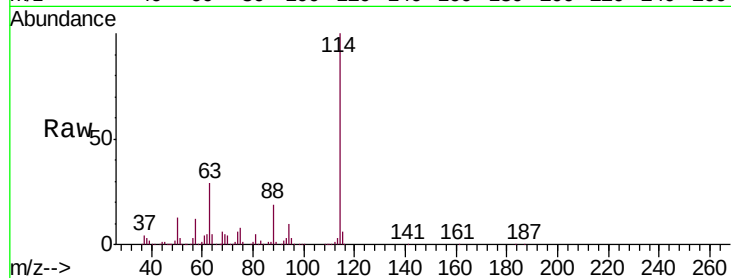




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: VL034651.D
 Acq: 19 Feb 2020 14:25

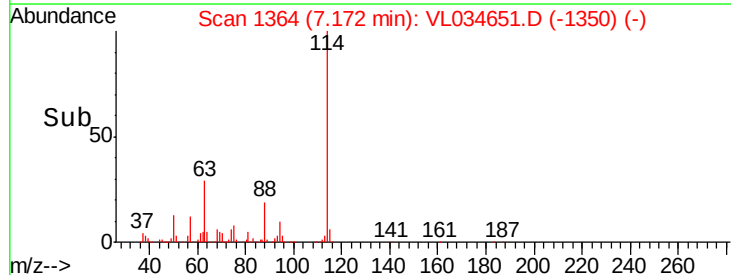
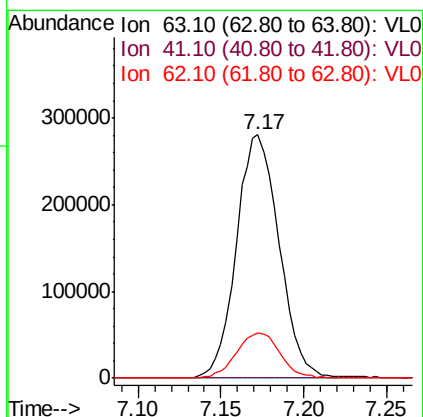
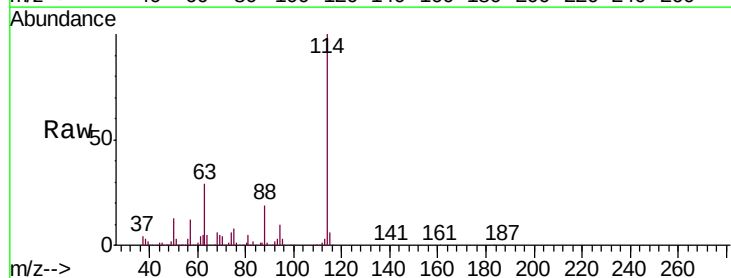
Instrument :
 MSVOA_L
 ClientSampleId :
 QC021820 CAN 10054

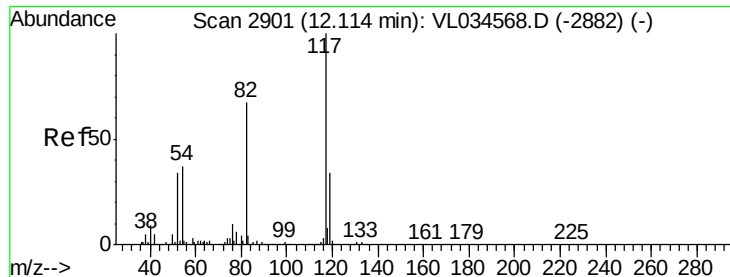
Tgt Ion: 114 Resp: 1751021
 Ion Ratio Lower Upper
 114 100
 63 28.9 24.1 36.1
 88 18.9 15.9 23.9



#39
 1,2-Dichloropropane
 Concen: 7.758 ppbv
 RT: 7.17 min Scan# 1364
 Delta R.T. -0.45 min
 Lab File: VL034651.D
 Acq: 19 Feb 2020 14:25

Tgt Ion: 63 Resp: 500815
 Ion Ratio Lower Upper
 63 100
 41 0.2 71.0 106.4#
 62 18.7 55.4 83.0#

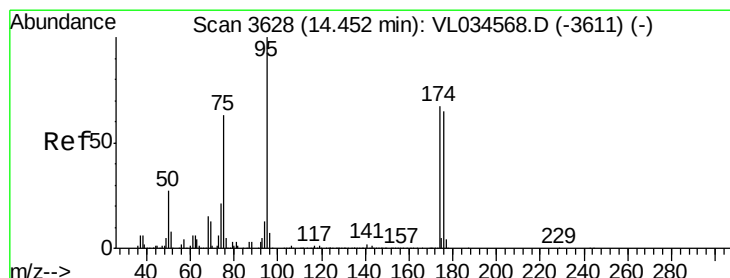
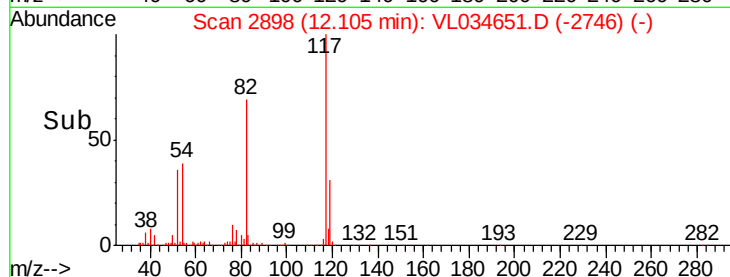
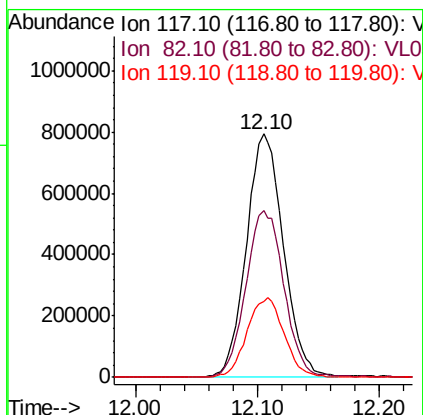
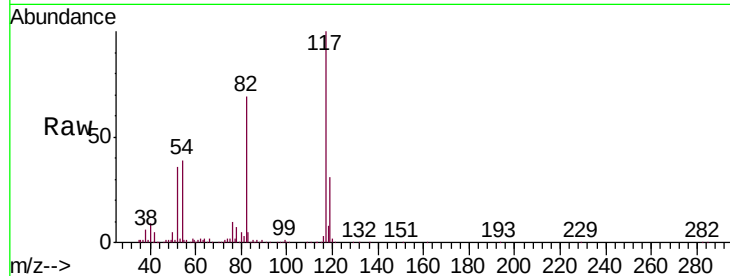




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2898
Delta R.T. -0.01 min
Lab File: VL034651.D
Acq: 19 Feb 2020 14:25

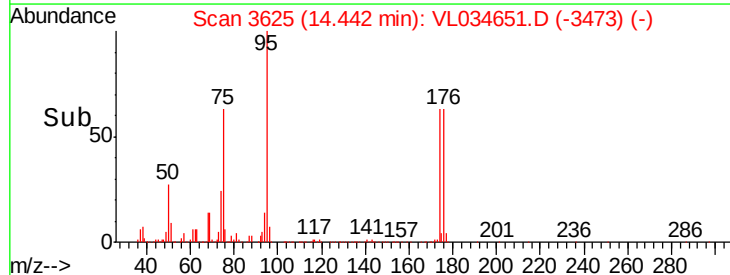
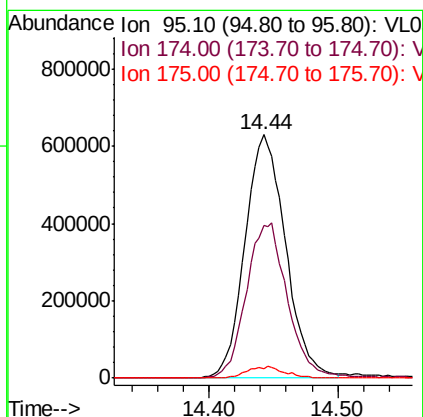
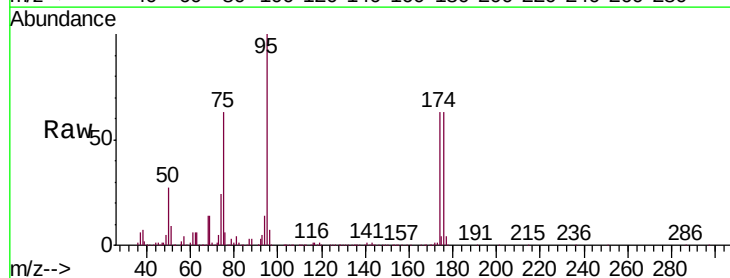
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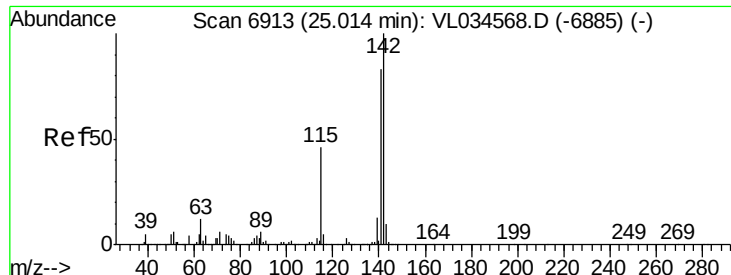
Tgt Ion: 117 Resp: 1664112
Ion Ratio Lower Upper
117 100
82 70.8 54.2 81.4
119 33.0 26.1 39.1



#68
1-Bromo-4-Fluorobenzene
Concen: 9.820 ppbv
RT: 14.44 min Scan# 3625
Delta R.T. -0.01 min
Lab File: VL034651.D
Acq: 19 Feb 2020 14:25

Tgt Ion: 95 Resp: 1381074
Ion Ratio Lower Upper
95 100
174 65.1 52.3 78.5
175 4.5 3.8 5.6

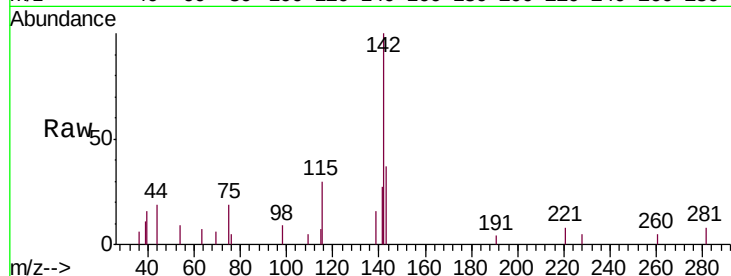




#80
 Naphthalene, 2-methyl-
 Concen: 0.094 ppbv
 RT: 25.03 min Scan# 6917
 Delta R.T. 0.01 min
 Lab File: VL034651.D
 Acq: 19 Feb 2020 14:25

Instrument :
 MSVOA_L
 ClientSampleId :
 QC021820 CAN 10054

Tgt Ion:	142	Resp:	6696
Ion	Ratio	Lower	Upper
142	100		
141	81.7	67.0	100.4
115	50.6	39.5	59.3



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

