

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL031020\
Quantitation Report (Not Reviewed)

Data File : VL034881.D
Acq On : 11 Mar 2020 00:53
Operator : SY/AP
Sample : VIBLK
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Quant Time: Mar 11 05:58:41 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030920AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar 09 16:42:53 2020
QLast Update : Mon Mar 09 16:42:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	827987	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	1843490	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	1808957	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	1481217	10.50	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.00%

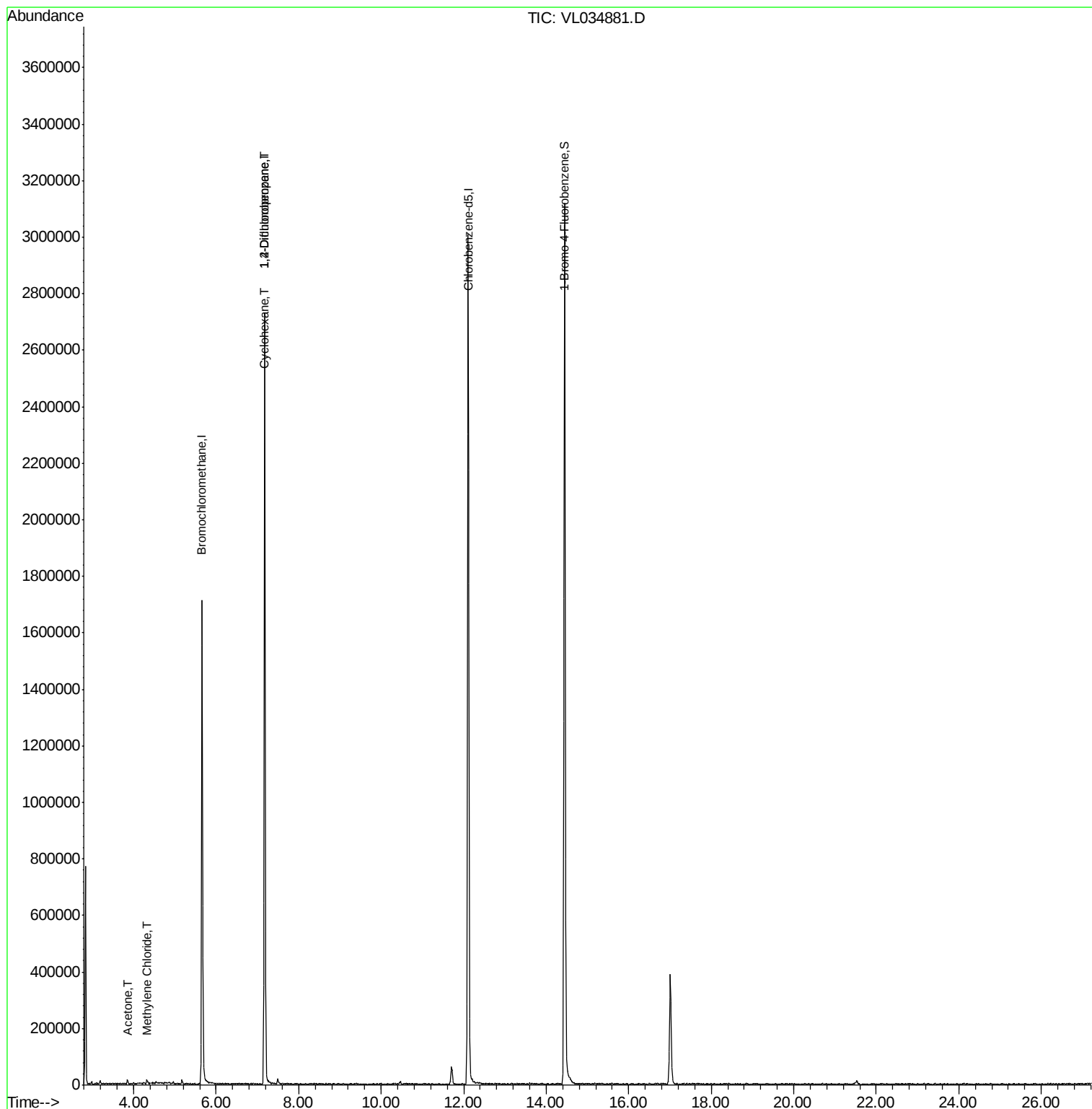
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Acetone	3.85	43	11243	0.105	ppbv #	55
20) Methylene Chloride	4.32	84	2232	0.066	ppbv #	89
30) Cyclohexane	7.16	84	2622	0.038	ppbv #	3
39) 1,2-Dichloropropane	7.18	63	486721	7.476	ppbv #	24

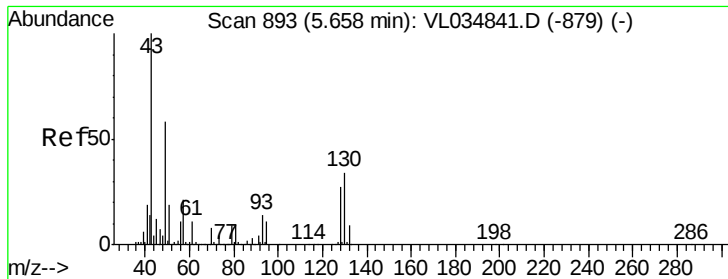
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 892

Delta R.T. -0.00 min

Lab File: VL034881.D

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Instrument :

MSVOA_L

ClientSampleId :

VIBLK

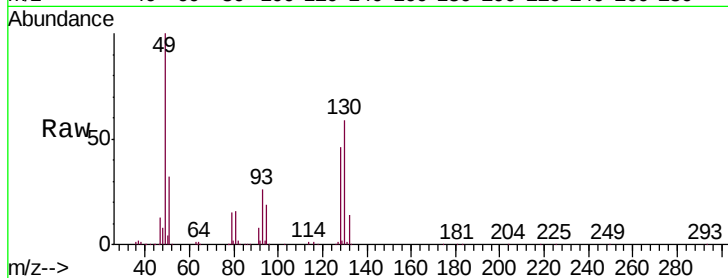
Tgt Ion: 49 Resp: 827987

Ion Ratio Lower Upper

49 100

128 47.3 23.4 70.3

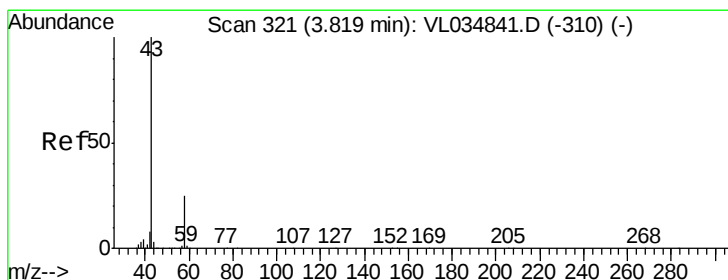
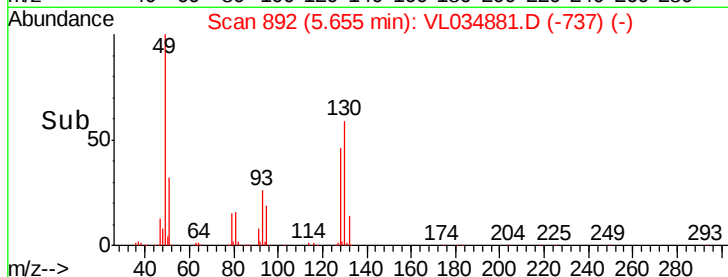
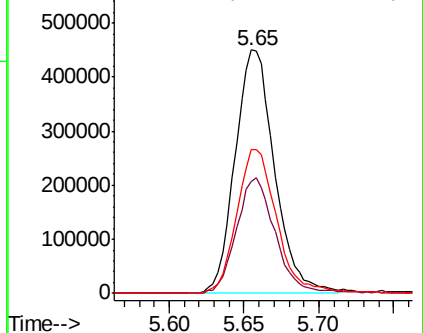
130 60.3 30.0 90.0



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



#15

Acetone

Concen: 0.105 ppbv

RT: 3.85 min Scan# 331

Delta R.T. 0.03 min

Lab File: VL034881.D

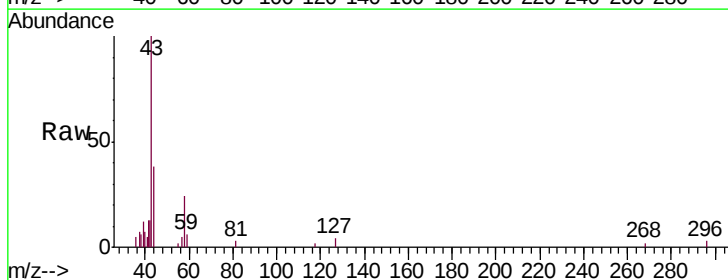
Acq: 11 Mar 2020 00:53

Tgt Ion: 43 Resp: 11243

Ion Ratio Lower Upper

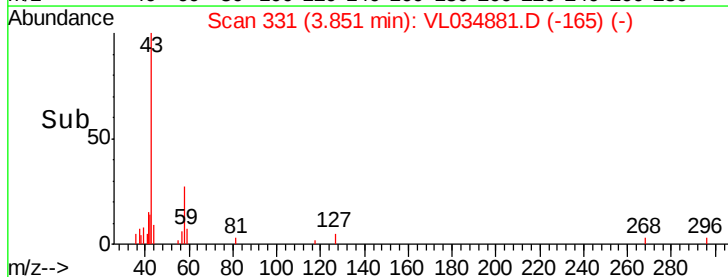
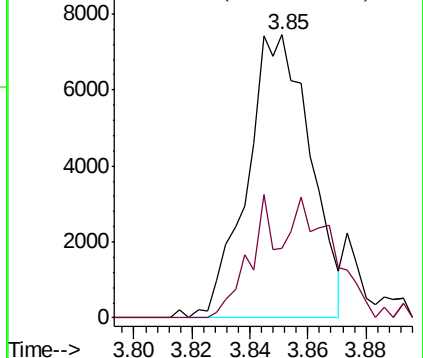
43 100

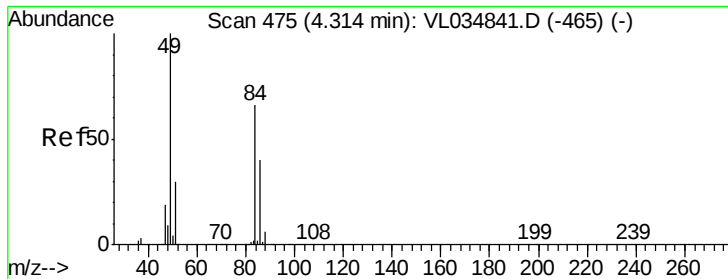
58 49.5 21.0 31.6#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

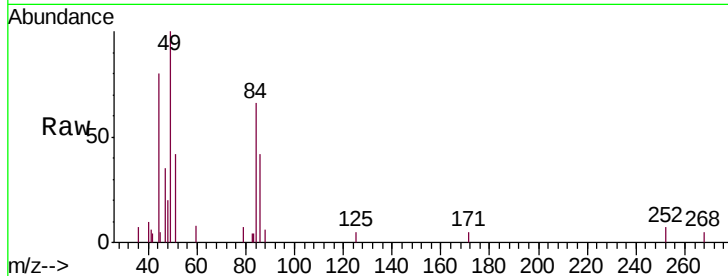




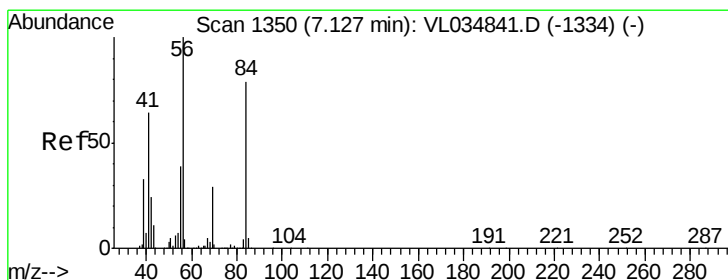
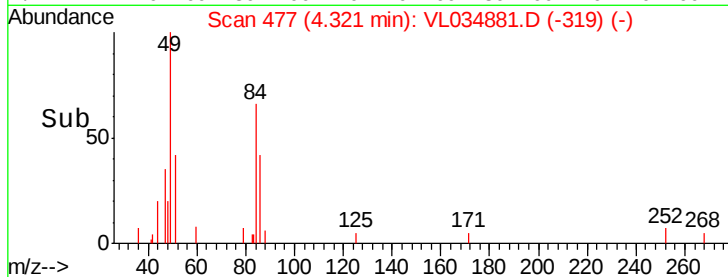
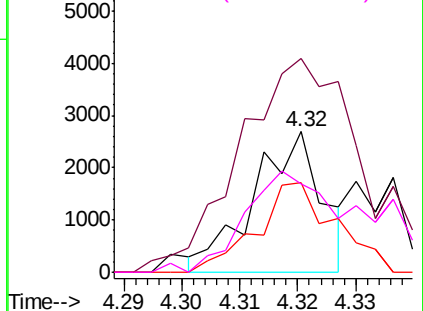
#20
Methylene Chloride
Concen: 0.066 ppbv
RT: 4.32 min Scan# 477
Delta R.T. 0.01 min
Lab File: VL034881.D
Acq: 11 Mar 2020 00:53

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion:	84	Resp:	2232
Ion	Ratio	Lower	Upper
84	100		
49	150.2	121.5	182.3
51	71.5	36.6	55.0#
86	70.7	48.2	72.2

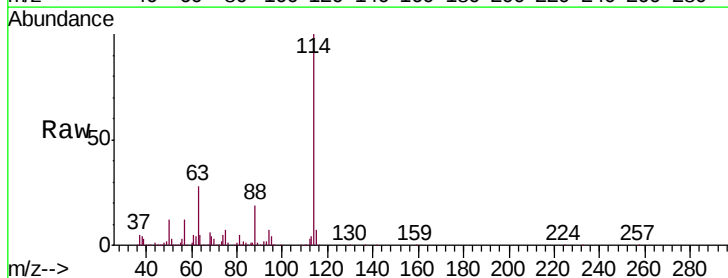


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

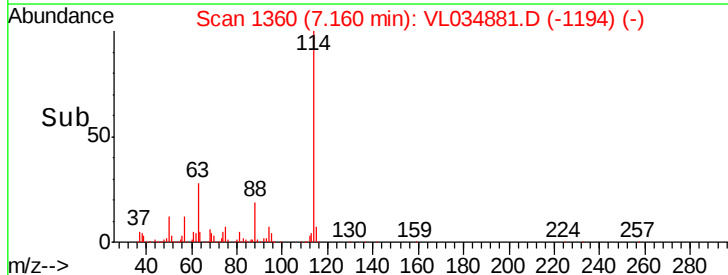
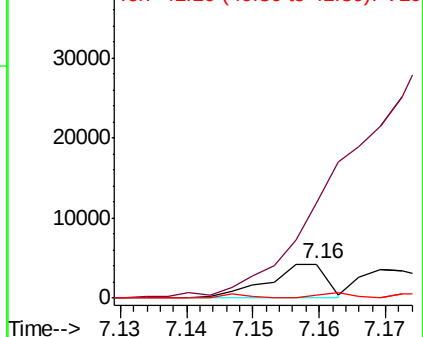


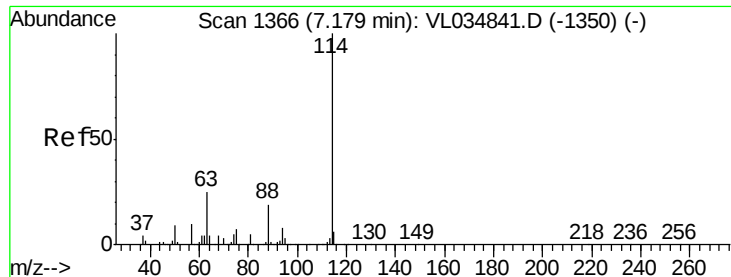
#30
Cyclohexane
Concen: 0.038 ppbv
RT: 7.16 min Scan# 1360
Delta R.T. 0.03 min
Lab File: VL034881.D
Acq: 11 Mar 2020 00:53

Tgt Ion:	84	Resp:	2622
Ion	Ratio	Lower	Upper
84	100		
56	0.0	110.5	165.7#
41	22.2	68.2	102.4#



Abundance Ion 84.20 (83.90 to 84.90): VL0
Ion 56.10 (55.80 to 56.80): VL0
Ion 41.10 (40.80 to 41.80): VL0

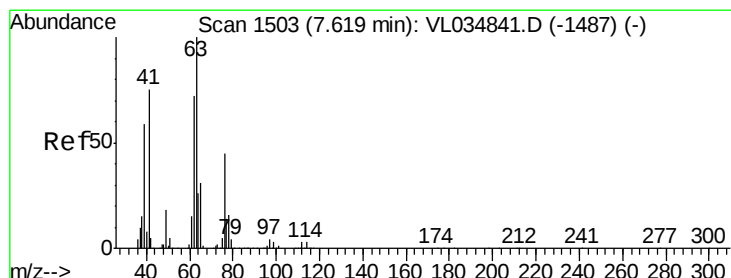
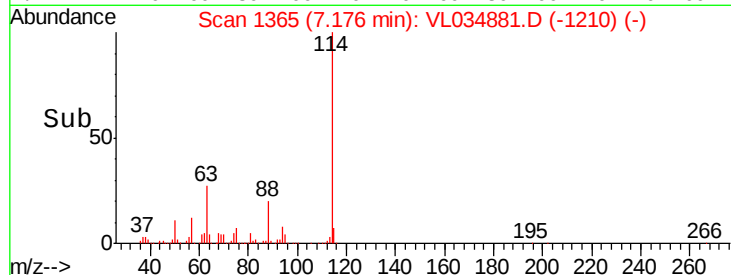
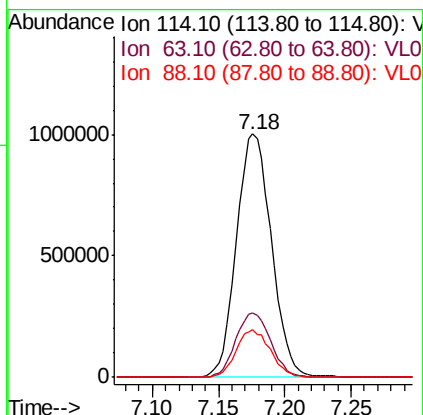
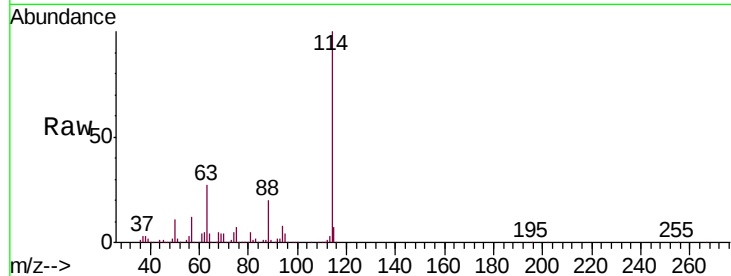




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VL034881.D
 Acq: 11 Mar 2020 00:53

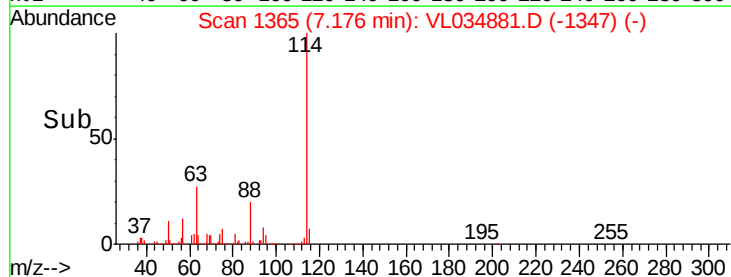
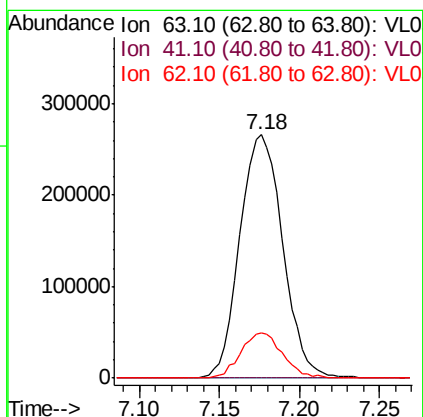
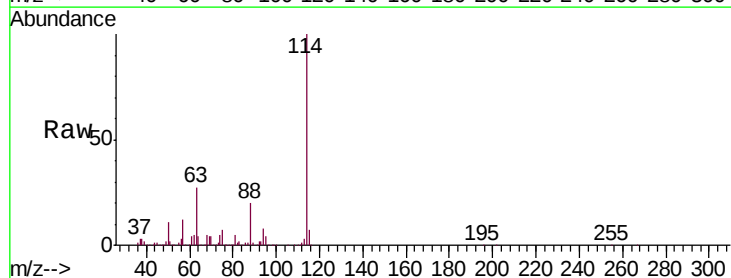
Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

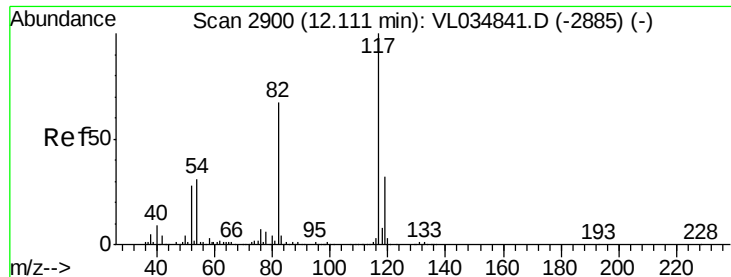
Tgt Ion:114 Resp: 1843490
 Ion Ratio Lower Upper
 114 100
 63 26.6 20.6 31.0
 88 19.2 15.0 22.6



#39
 1,2-Dichloropropane
 Concen: 7.476 ppbv
 RT: 7.18 min Scan# 1365
 Delta R.T. -0.44 min
 Lab File: VL034881.D
 Acq: 11 Mar 2020 00:53

Tgt Ion: 63 Resp: 486721
 Ion Ratio Lower Upper
 63 100
 41 0.2 59.8 89.8#
 62 18.5 57.6 86.4#

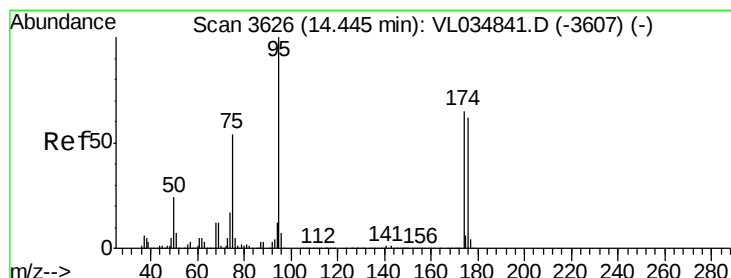
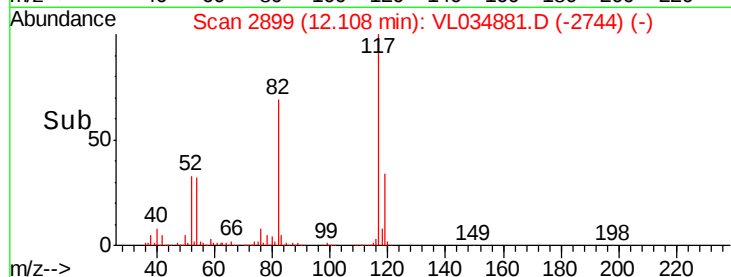
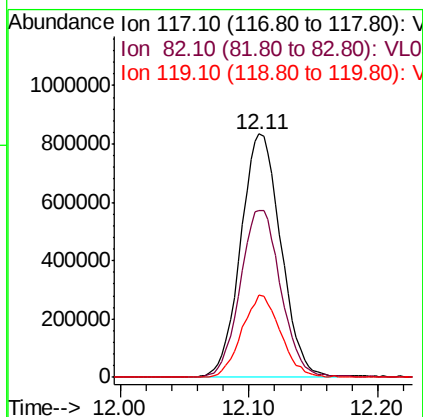
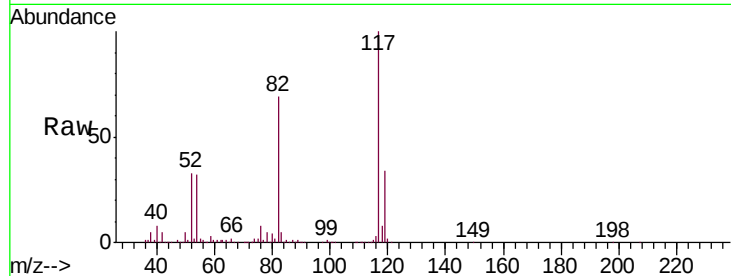




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2899
Delta R.T. -0.00 min
Lab File: VL034881.D
Acq: 11 Mar 2020 00:53

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion: 117 Resp: 1808957
Ion Ratio Lower Upper
117 100
82 69.7 51.1 76.7
119 32.7 27.3 40.9



#68
1-Bromo-4-Fluorobenzene
Concen: 10.499 ppbv
RT: 14.45 min Scan# 3626
Delta R.T. 0.00 min
Lab File: VL034881.D
Acq: 11 Mar 2020 00:53

Tgt Ion: 95 Resp: 1481217
Ion Ratio Lower Upper
95 100
174 65.0 55.2 82.8
175 4.9 4.3 6.5

