

Data File : VL034188.D
Acq On : 18 Sep 2019 18:29
Operator : SY/AP
Sample : QC CAN 10281
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC CAN 10281

Quant Time: Sep 19 06:51:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Sep 18 12:53:31 2019
QLast Update : Wed Sep 18 12:53:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.69	49	1170141	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.22	114	1880206	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.16	117	1920167	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.50	95	1738936	10.42	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.20%

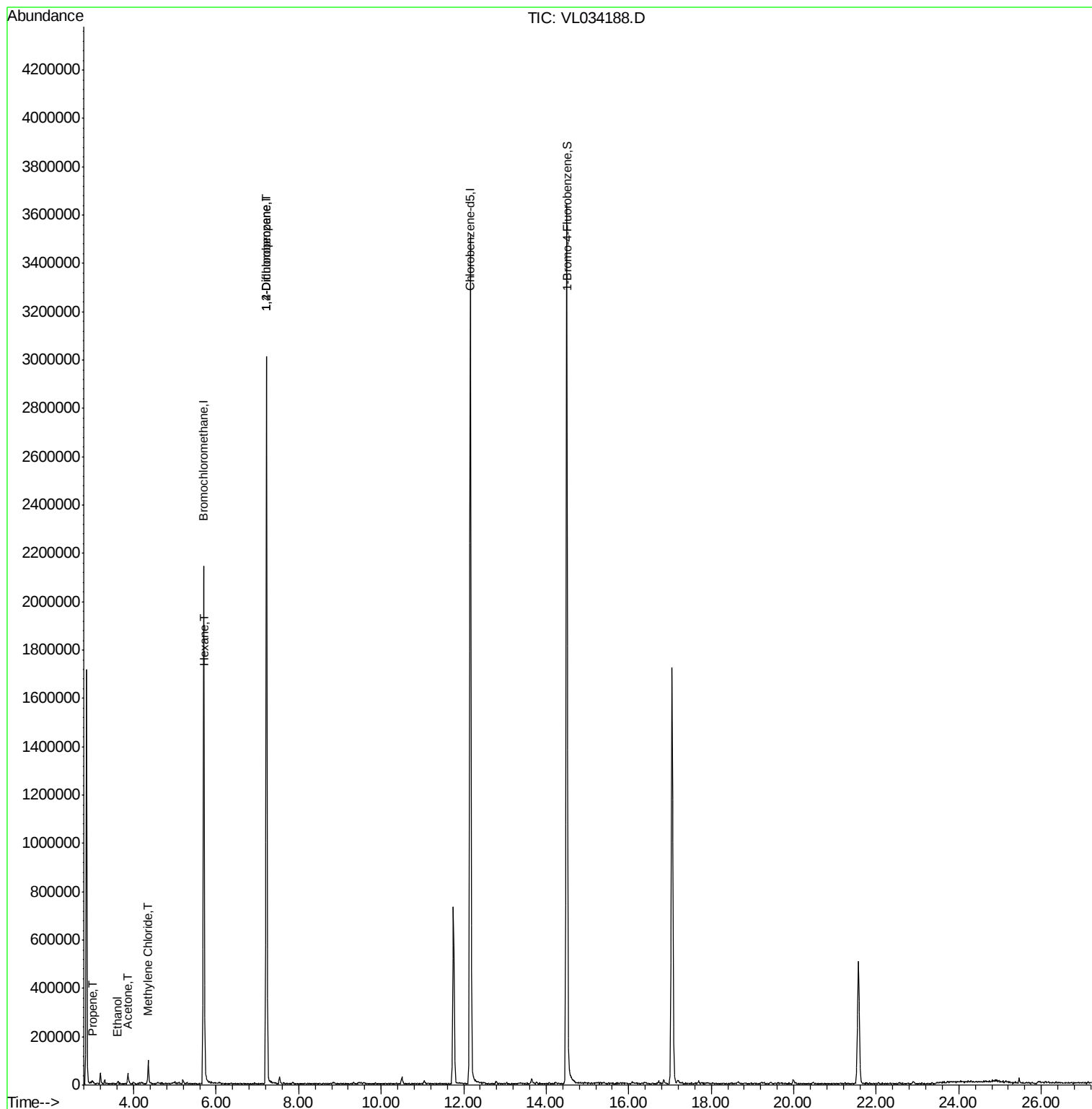
Target Compounds						Qvalue
9) Propene	3.00	41	2324	0.034	ppbv	98
13) Ethanol	3.60	45	604	0.037	ppbv #	36
15) Acetone	3.86	43	42026	0.268	ppbv #	83
20) Methylene Chloride	4.35	84	25139	0.556	ppbv	95
26) Hexane	5.72	57	9670	0.078	ppbv #	35
39) 1,2-Dichloropropane	7.22	63	639879	6.858	ppbv #	19

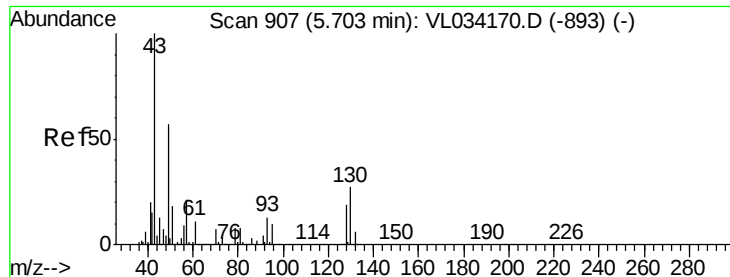
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VL034188.D
Acq On : 18 Sep 2019 18:29
Operator : SY/AP
Sample : QC CAN 10281
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC CAN 10281

Quant Time: Sep 19 06:51:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Sep 18 12:53:31 2019
QLast Update : Wed Sep 18 12:53:31 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.69 min Scan# 904

Delta R.T. -0.01 min

Lab File: VL034188.D

Acq: 18 Sep 2019 18:29

Instrument :

MSVOA_L

ClientSampleId :

QC CAN 10281

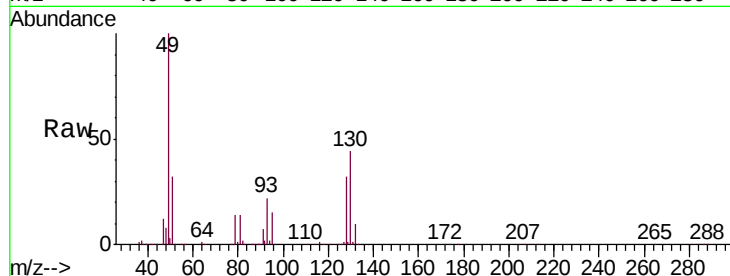
Tgt Ion: 49 Resp: 1170141

Ion Ratio Lower Upper

49 100

128 34.1 17.6 52.9

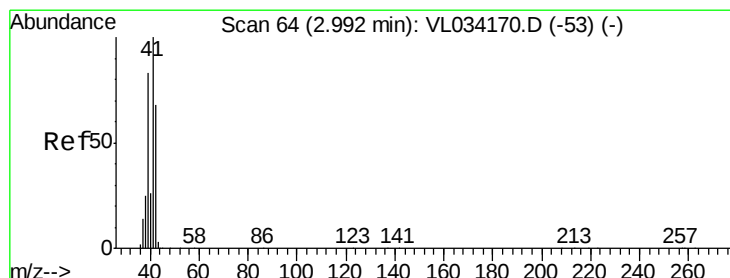
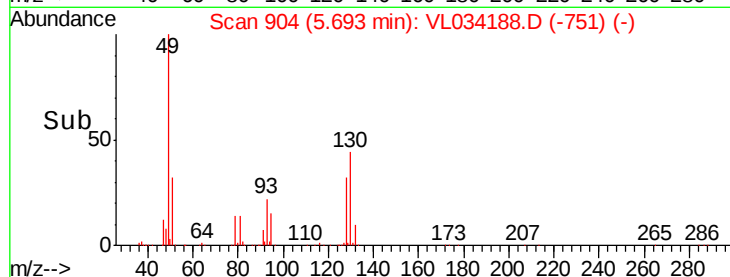
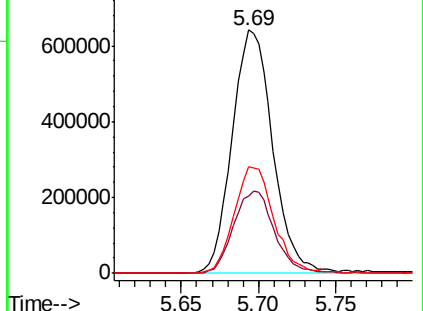
130 43.2 22.3 66.9



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



#9

Propene

Concen: 0.034 ppbv

RT: 3.00 min Scan# 67

Delta R.T. 0.01 min

Lab File: VL034188.D

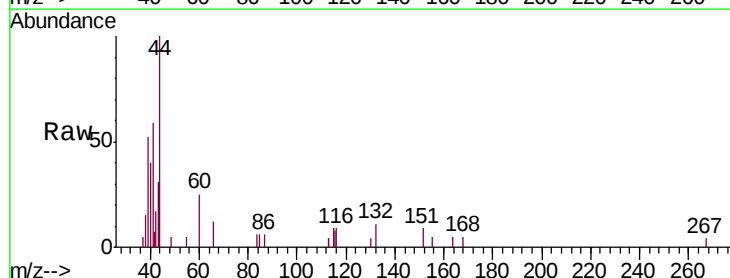
Acq: 18 Sep 2019 18:29

Tgt Ion: 41 Resp: 2324

Ion Ratio Lower Upper

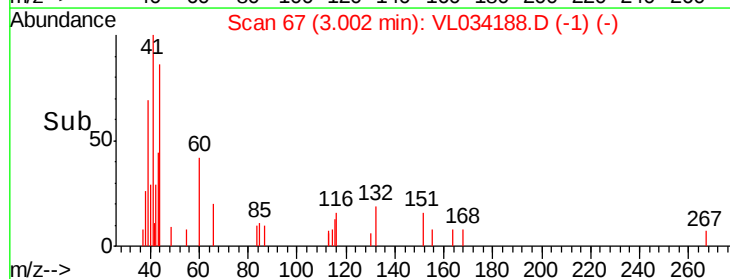
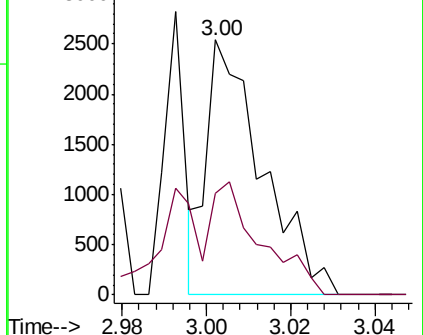
41 100

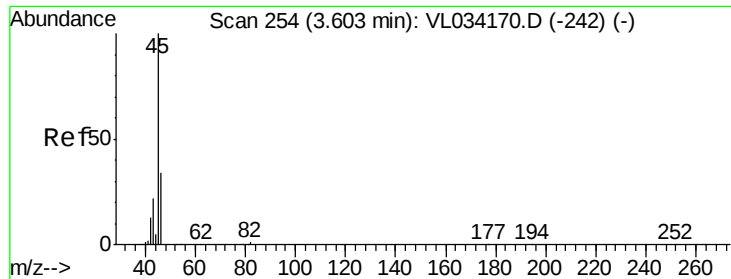
42 71.2 55.8 83.6



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





#13

Ethanol

Concen: 0.037 ppbv

RT: 3.60 min Scan# 253

Delta R.T. -0.00 min

Lab File: VL034188.D

Acq: 18 Sep 2019 18:29

Instrument :

MSVOA_L

ClientSampleId :

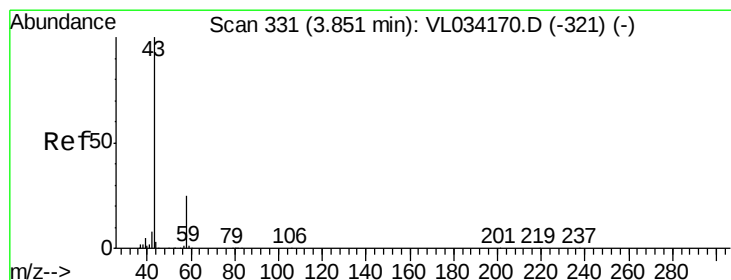
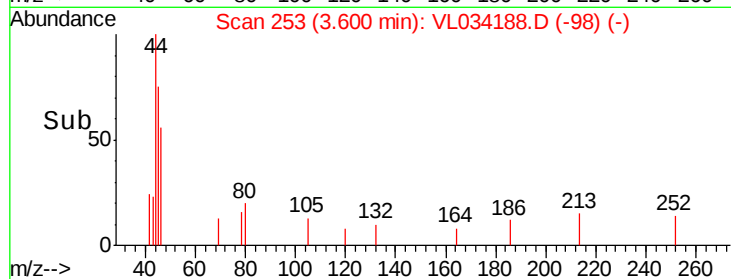
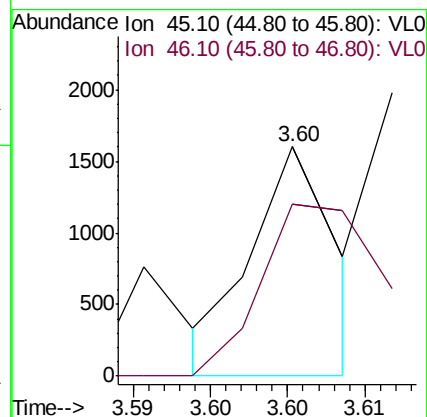
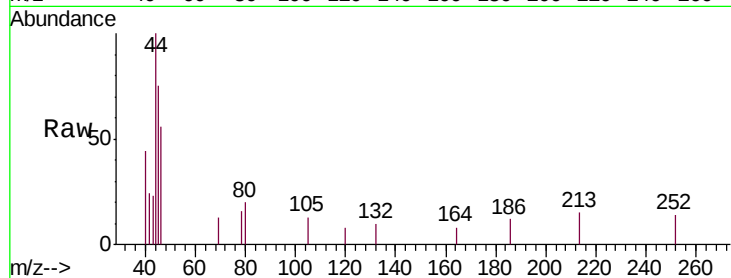
QC CAN 10281

Tgt Ion: 45 Resp: 604

Ion Ratio Lower Upper

45 100

46 0.0 15.5 61.9#



#15

Acetone

Concen: 0.268 ppbv

RT: 3.86 min Scan# 333

Delta R.T. 0.01 min

Lab File: VL034188.D

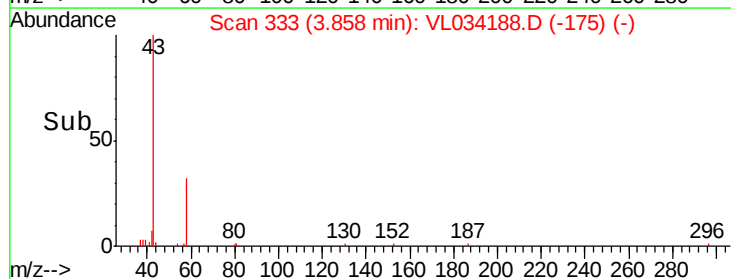
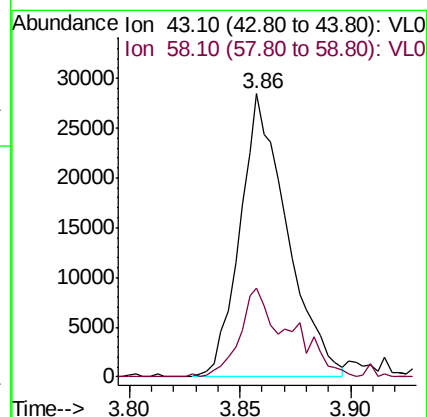
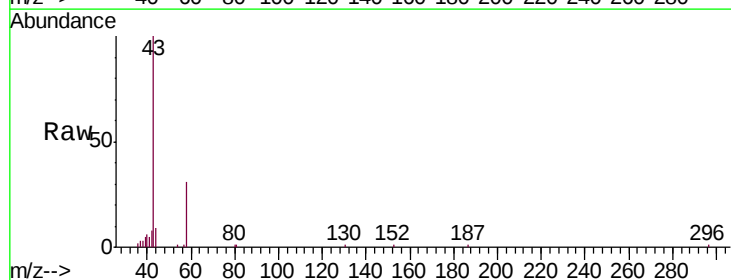
Acq: 18 Sep 2019 18:29

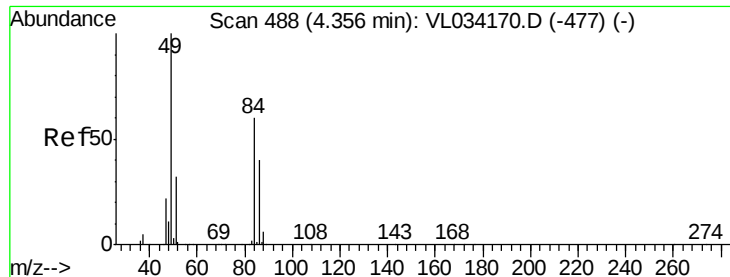
Tgt Ion: 43 Resp: 42026

Ion Ratio Lower Upper

43 100

58 34.1 20.5 30.7#

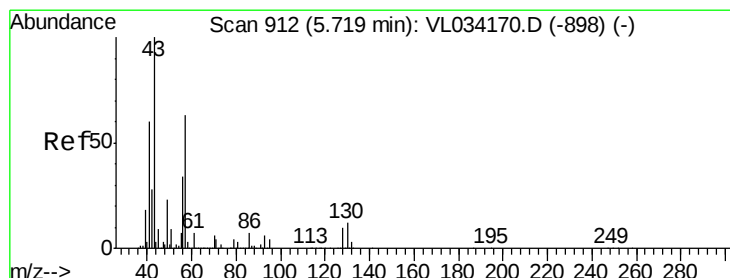
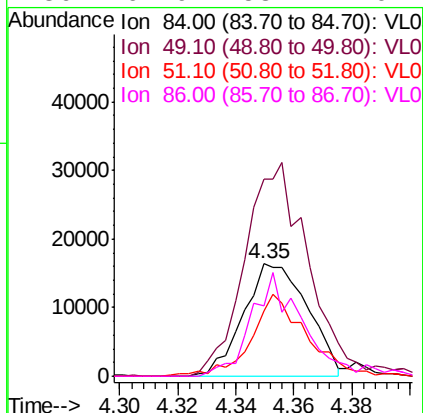
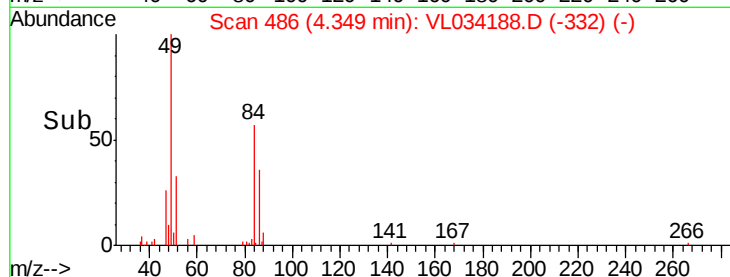
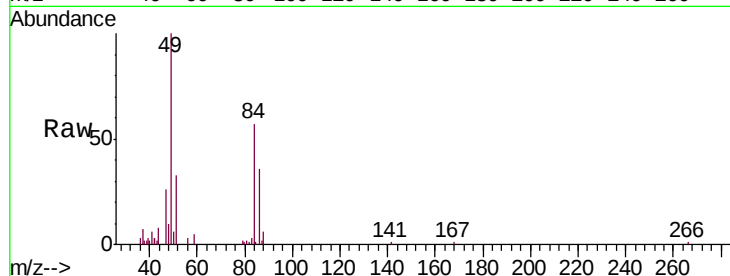




#20
Methylene Chloride
Concen: 0.556 ppbv
RT: 4.35 min Scan# 486
Delta R.T. -0.01 min
Lab File: VL034188.D
Acq: 18 Sep 2019 18:29

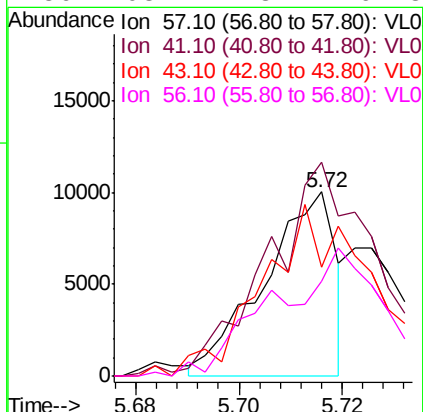
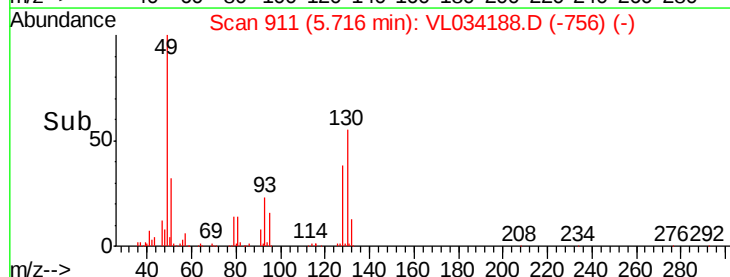
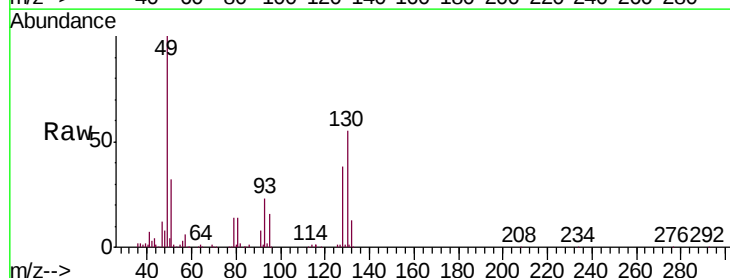
Instrument :
MSVOA_L
ClientSampleId :
QC CAN 10281

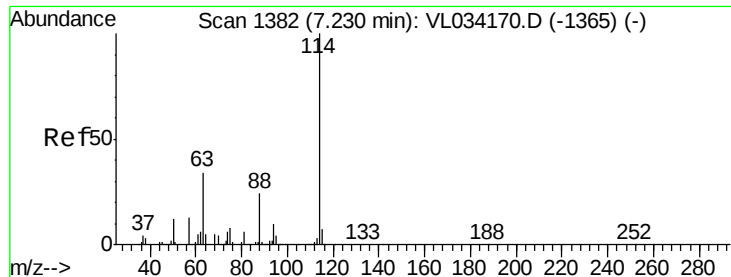
Tgt Ion:	84	Resp:	25139
Ion	Ratio	Lower	Upper
84	100		
49	175.2	133.8	200.8
51	55.7	43.6	65.4
86	62.9	53.1	79.7



#26
Hexane
Concen: 0.078 ppbv
RT: 5.72 min Scan# 911
Delta R.T. -0.00 min
Lab File: VL034188.D
Acq: 18 Sep 2019 18:29

Tgt Ion:	57	Resp:	9670
Ion	Ratio	Lower	Upper
57	100		
41	183.4	78.5	117.7#
43	145.6	189.5	284.3#
56	108.2	43.2	64.8#

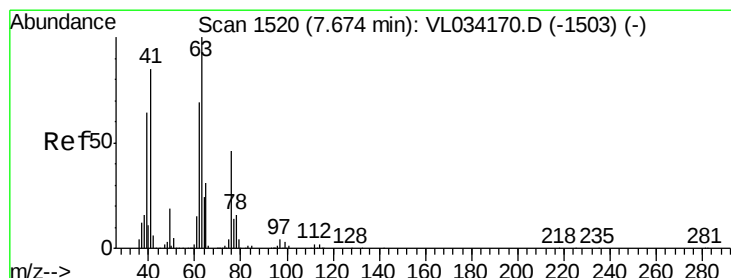
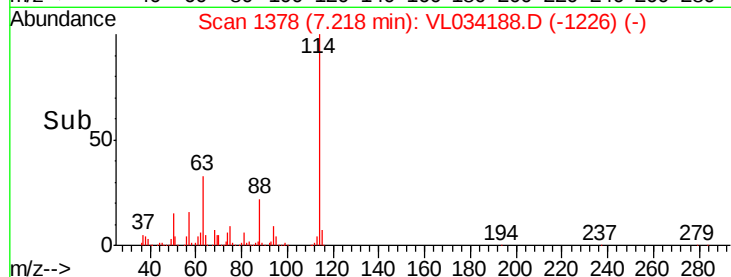
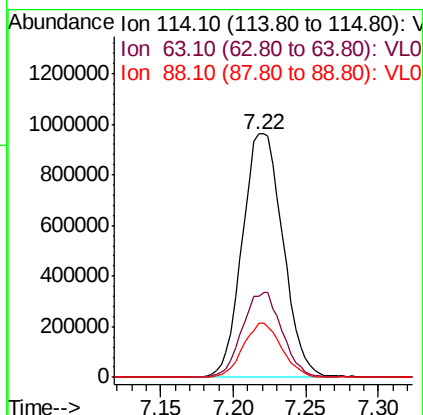
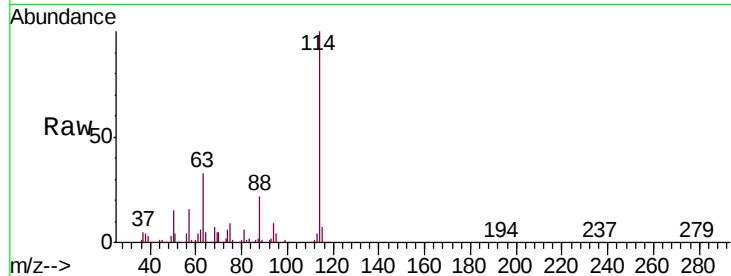




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.22 min Scan# 1378
 Delta R.T. -0.01 min
 Lab File: VL034188.D
 Acq: 18 Sep 2019 18:29

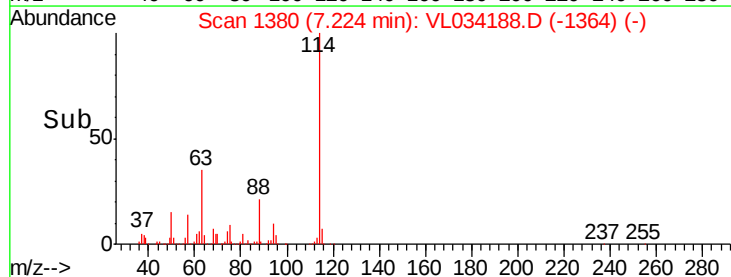
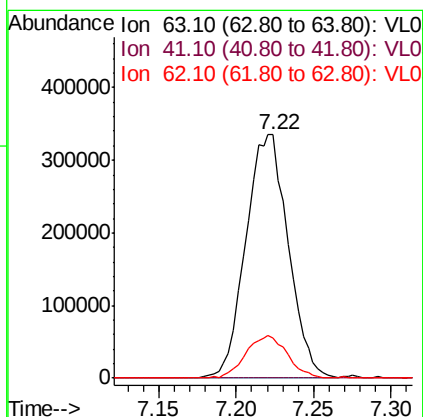
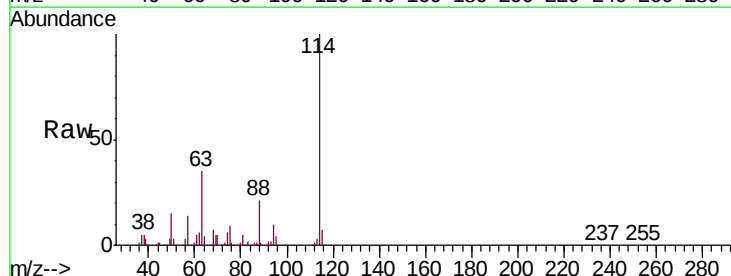
Instrument :
 MSVOA_L
 ClientSampleId :
 QC CAN 10281

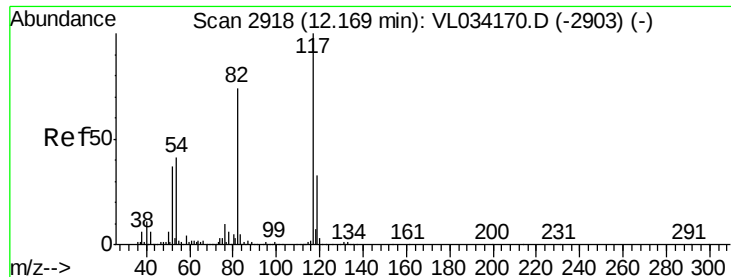
Tgt Ion:114 Resp: 1880206
 Ion Ratio Lower Upper
 114 100
 63 34.3 27.8 41.6
 88 21.3 17.1 25.7



#39
 1,2-Dichloropropane
 Concen: 6.858 ppbv
 RT: 7.22 min Scan# 1380
 Delta R.T. -0.45 min
 Lab File: VL034188.D
 Acq: 18 Sep 2019 18:29

Tgt Ion: 63 Resp: 639879
 Ion Ratio Lower Upper
 63 100
 41 0.0 68.4 102.6#
 62 16.3 55.4 83.2#

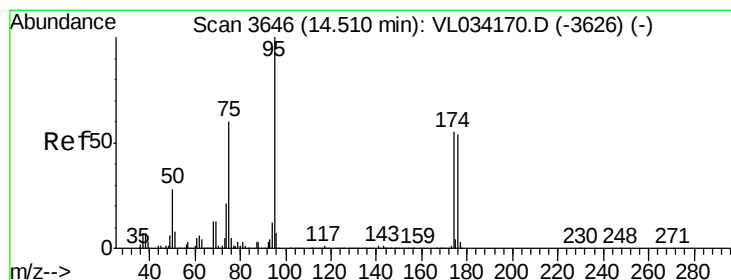
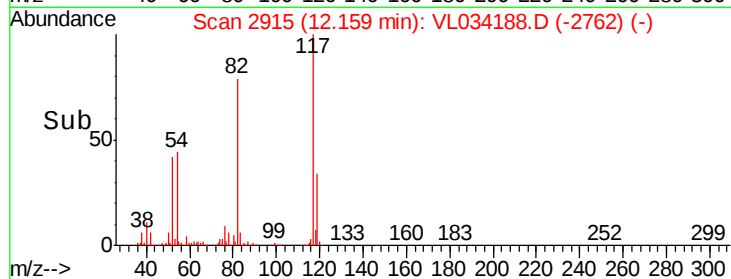
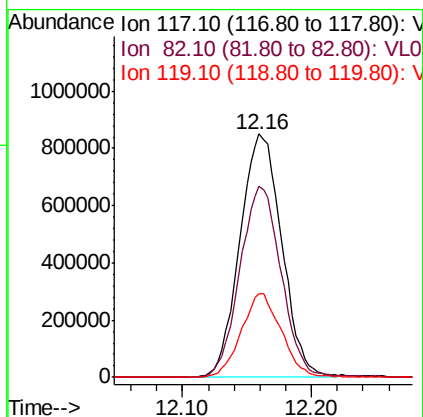
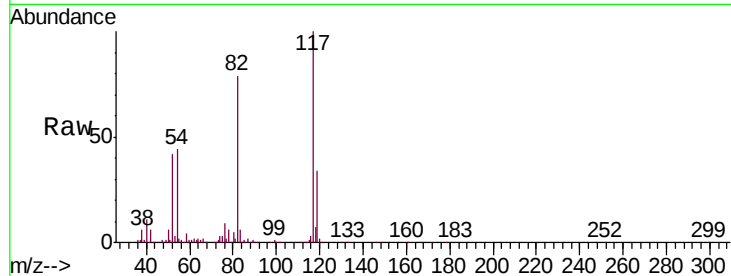




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.16 min Scan# 2915
Delta R.T. -0.01 min
Lab File: VL034188.D
Acq: 18 Sep 2019 18:29

Instrument :
MSVOA_L
ClientSampleId :
QC CAN 10281

Tgt Ion: 117 Resp: 1920167
Ion Ratio Lower Upper
117 100
82 78.6 58.2 87.4
119 33.0 23.7 35.5



#68
1-Bromo-4-Fluorobenzene
Concen: 10.422 ppbv
RT: 14.50 min Scan# 3642
Delta R.T. -0.01 min
Lab File: VL034188.D
Acq: 18 Sep 2019 18:29

Tgt Ion: 95 Resp: 1738936
Ion Ratio Lower Upper
95 100
174 56.4 45.1 67.7
175 3.9 3.3 4.9

