

Data File : VL034190.D
Acq On : 18 Sep 2019 19:51
Operator : SY/AP
Sample : QC CAN 10445
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC CAN 10445

Quant Time: Sep 19 06:51:59 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.69	49	1143623	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.22	114	1833023	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.16	117	1854937	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.50	95	1646549	10.22	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.20%

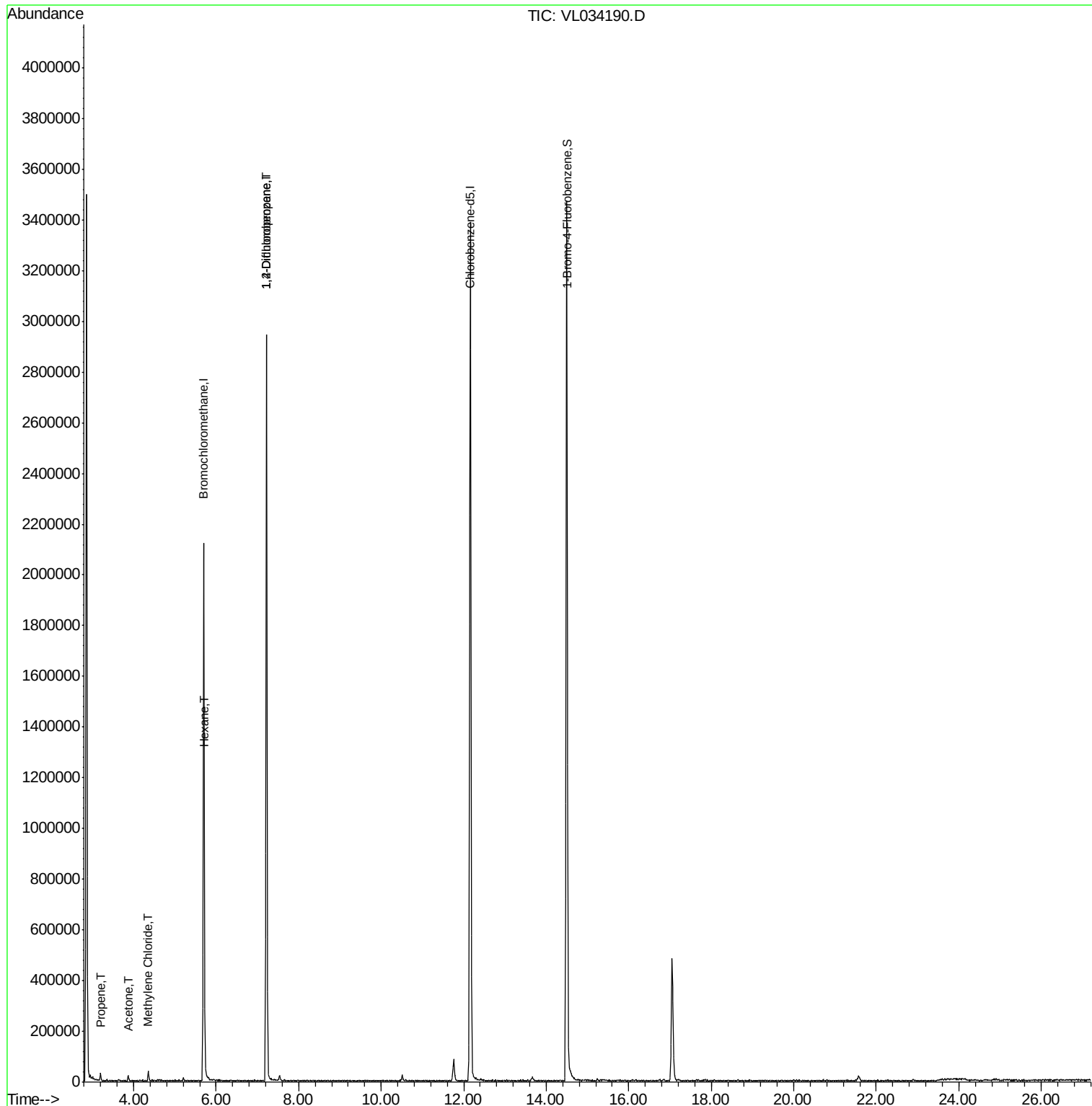
Target Compounds						Qvalue
9) Propene	3.20	41	6854	0.104	ppbv	86
15) Acetone	3.87	43	12979	0.085	ppbv #	59
20) Methylene Chloride	4.35	84	4905	0.111	ppbv	87
26) Hexane	5.72	57	12458	0.103	ppbv #	39
39) 1,2-Dichloropropane	7.22	63	616270	6.775	ppbv #	20

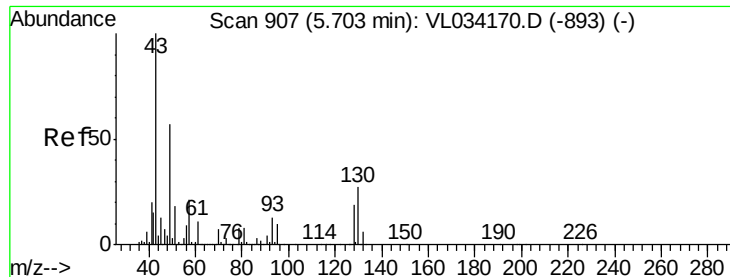
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.69 min Scan# 904

Delta R.T. -0.01 min

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Instrument :

MSVOA_L

ClientSampleId :

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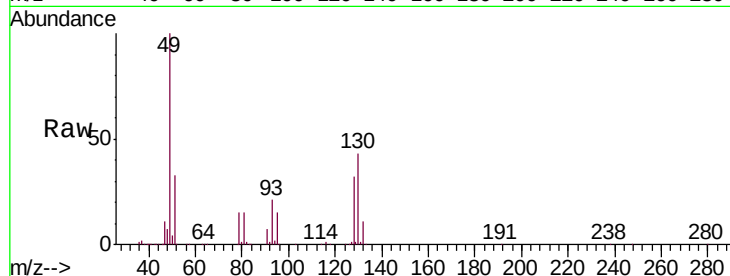
Tgt Ion: 49 Resp: 1143623

Ion Ratio Lower Upper

49 100

128 34.3 17.6 52.9

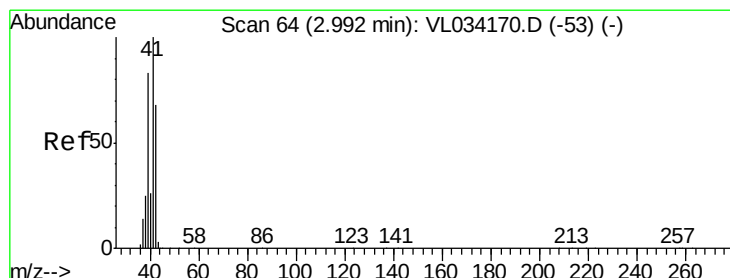
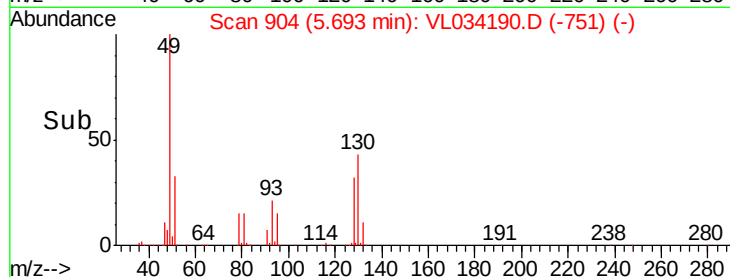
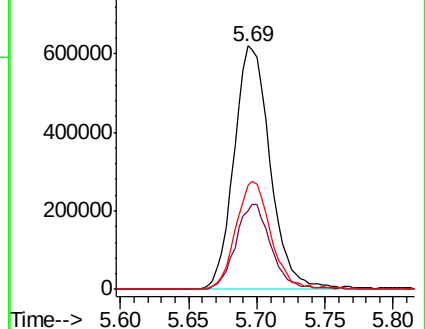
130 43.4 22.3 66.9



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: 0.104 ppbv

RT: 3.20 min Scan# 127

Delta R.T. 0.20 min

Lab File: VL034190.D

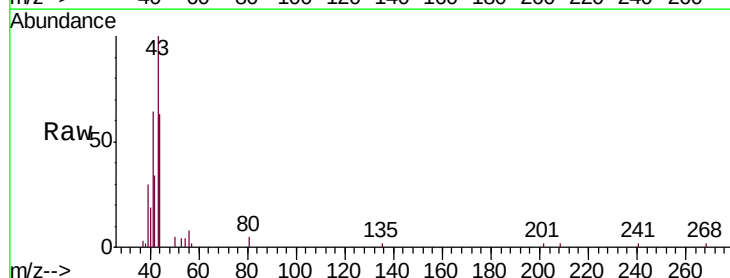
Acq: 18 Sep 2019 19:51

Tgt Ion: 41 Resp: 6854

Ion Ratio Lower Upper

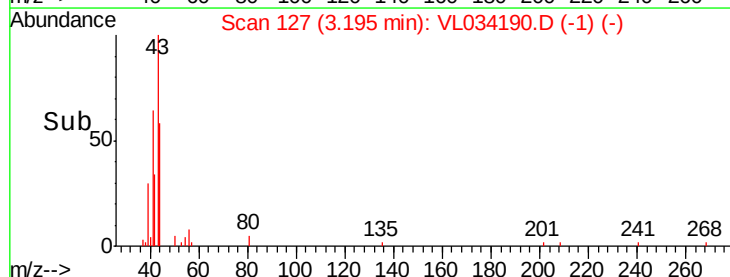
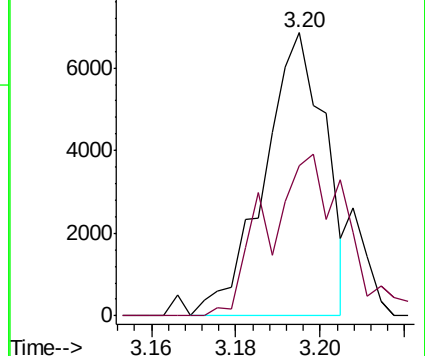
41 100

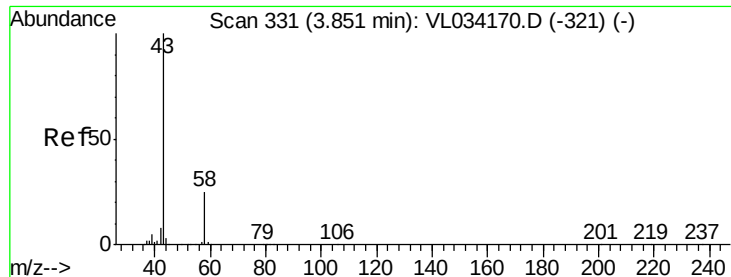
42 81.0 55.8 83.6



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





#15

Acetone

Concen: 0.085 ppbv

RT: 3.87 min Scan# 336

Delta R.T. 0.02 min

Lab File: VL034190.D

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Instrument :

MSVOA_L

ClientSampleId :

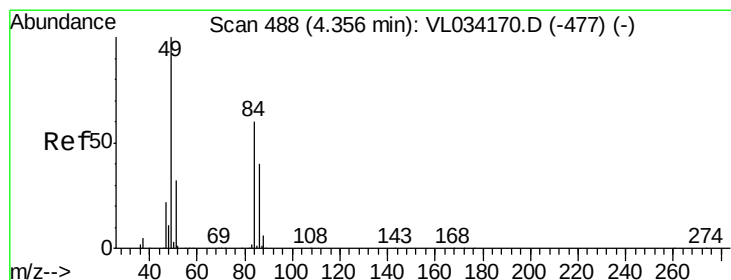
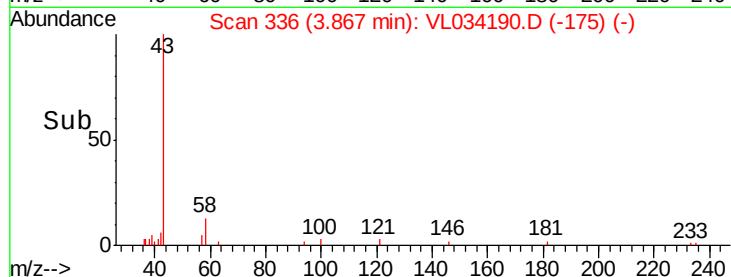
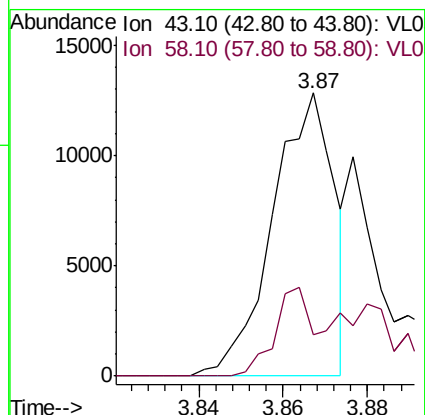
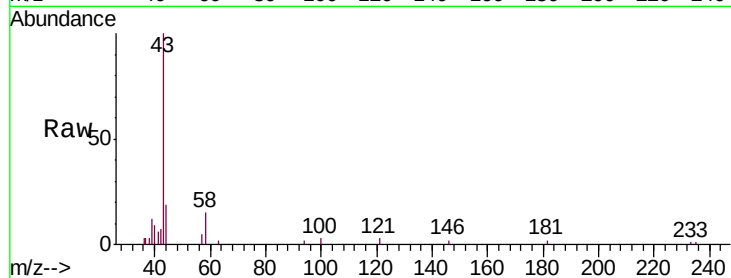
QC CAN 10445

Tgt Ion: 43 Resp: 12979

Ion Ratio Lower Upper

43 100

58 46.6 20.5 30.7#



#20

Methylene Chloride

Concen: 0.111 ppbv

RT: 4.35 min Scan# 486

Delta R.T. -0.01 min

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Acq: 18 Sep 2019 19:51

Tgt Ion: 84 Resp: 4905

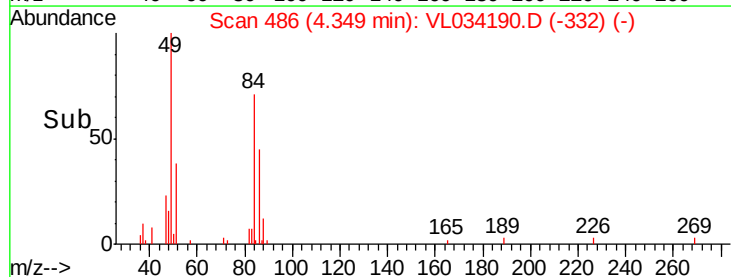
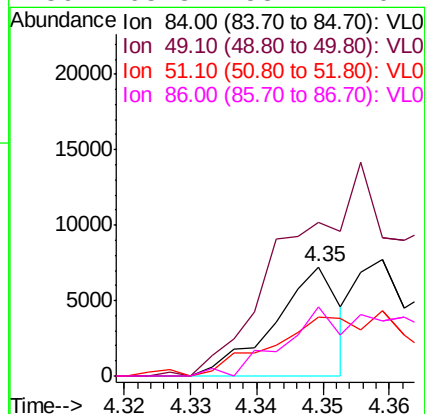
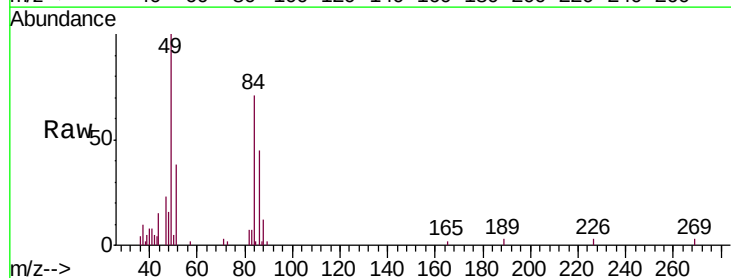
Ion Ratio Lower Upper

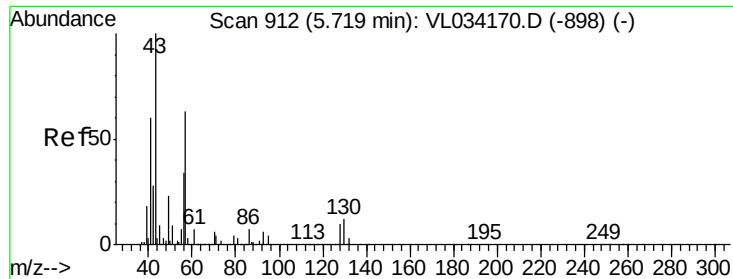
84 100

49 140.3 133.8 200.8

51 53.6 43.6 65.4

86 63.3 53.1 79.7

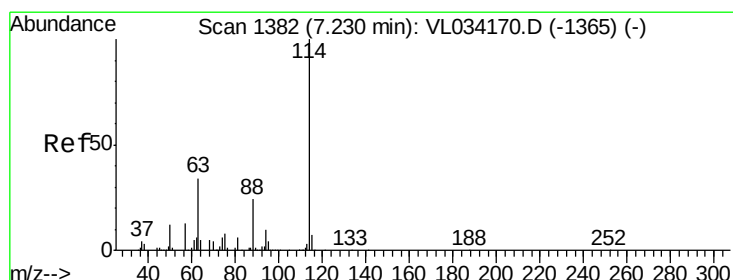
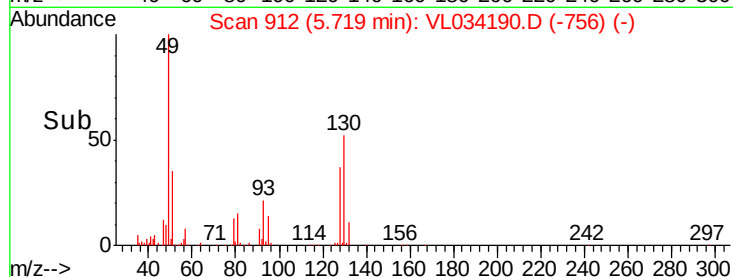
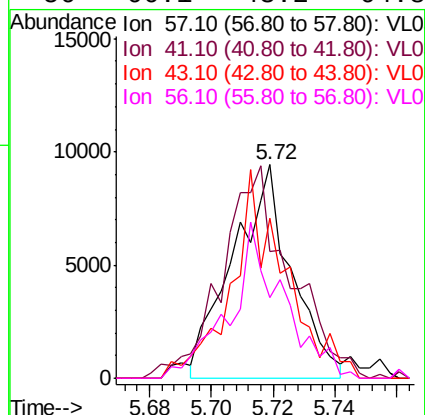
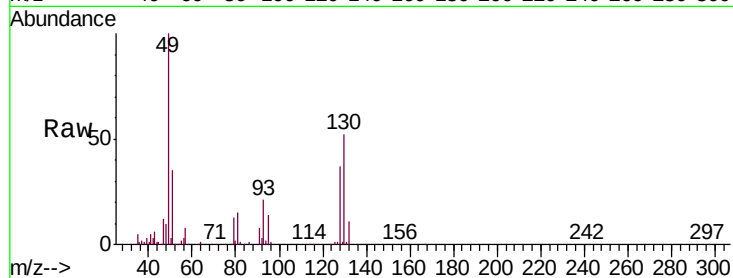




#26
Hexane
Concen: 0.103 ppbv
RT: 5.72 min Scan# 912
Delta R.T. 0.00 min
Lab File: VL034190.D
Acq: 18 Sep 2019 19:51

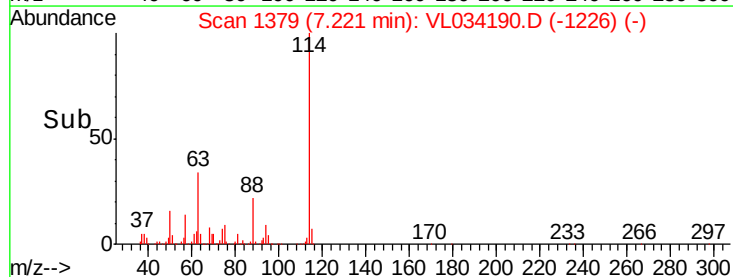
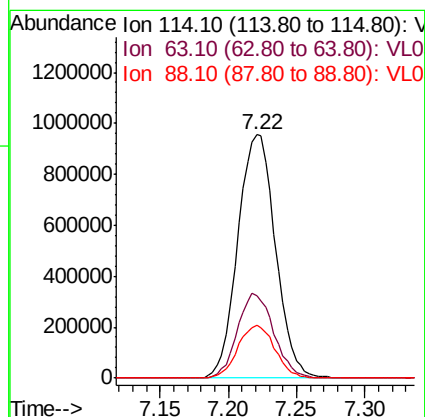
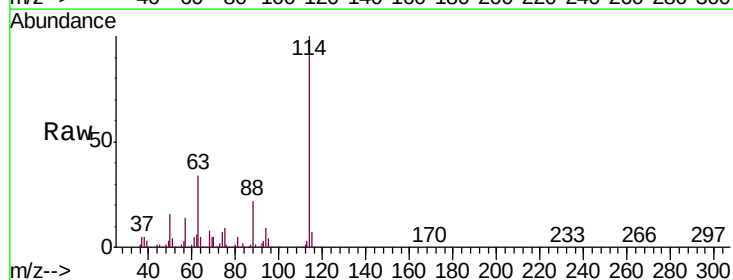
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QC CAN 10445

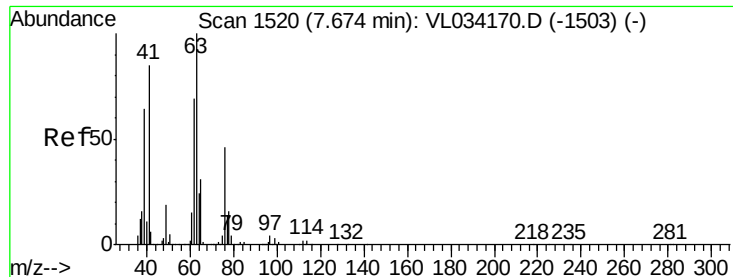
Tgt Ion: 57 Resp: 12458
Ion Ratio Lower Upper
57 100
41 116.0 78.5 117.7
43 87.8 189.5 284.3#
56 66.1 43.2 64.8#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.22 min Scan# 1379
Delta R.T. -0.01 min
Lab File: VL034190.D
Acq: 18 Sep 2019 19:51

Tgt Ion: 114 Resp: 1833023
Ion Ratio Lower Upper
114 100
63 33.7 27.8 41.6
88 21.3 17.1 25.7

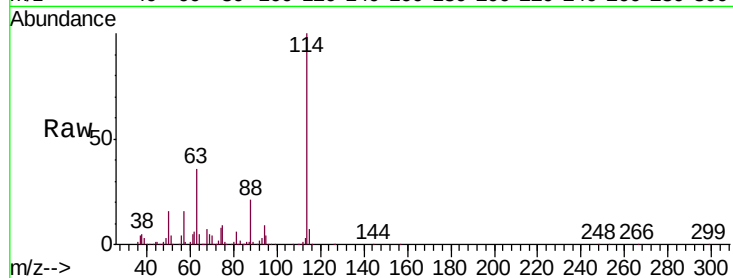




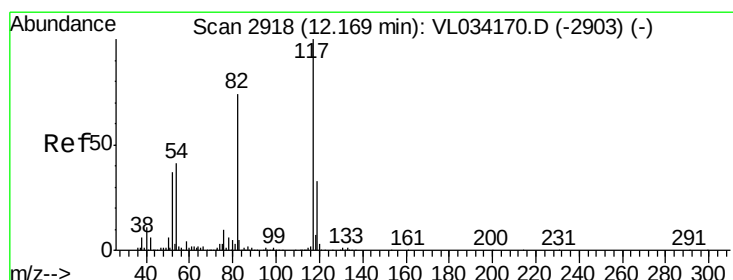
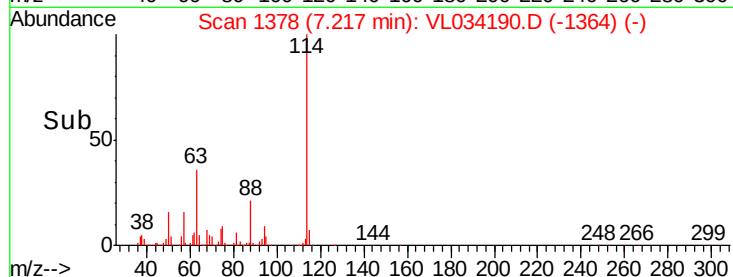
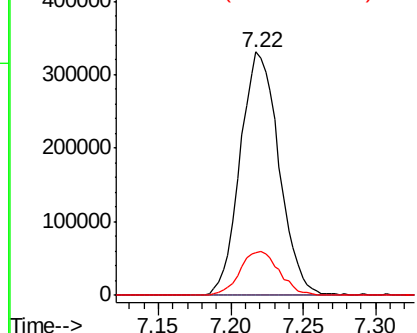
#39
 1,2-Dichloropropane
 Concen: 6.775 ppbv
 RT: 7.22 min Scan# 1378
 Delta R.T. -0.46 min
 Lab File: VL034190.D
 Acq: 18 Sep 2019 19:51

Instrument :
 MSVOA_L
 ClientSampleId :
 QC CAN 10445

Tgt Ion: 63 Resp: 616270
 Ion Ratio Lower Upper
 63 100
 41 0.2 68.4 102.6#
 62 17.6 55.4 83.2#

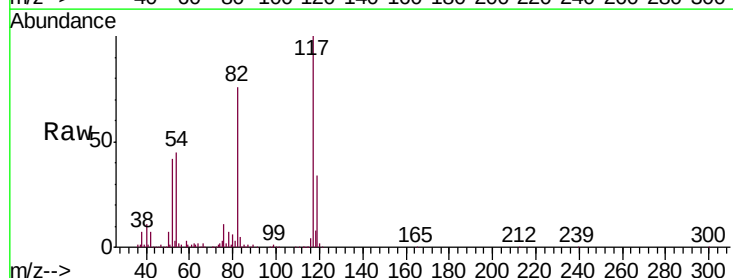


Abundance Ion 63.10 (62.80 to 63.80): VL0
 Ion 41.10 (40.80 to 41.80): VL0
 Ion 62.10 (61.80 to 62.80): VL0

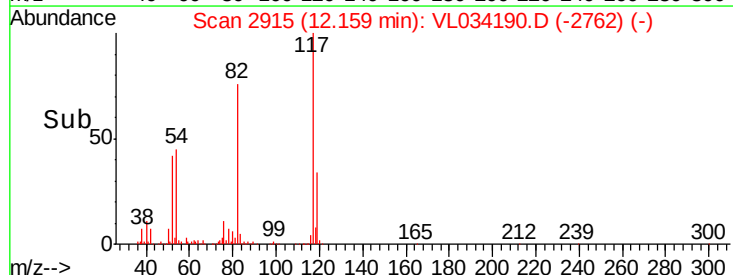
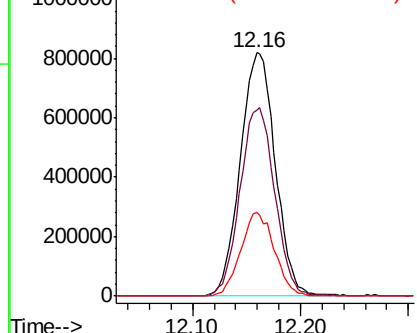


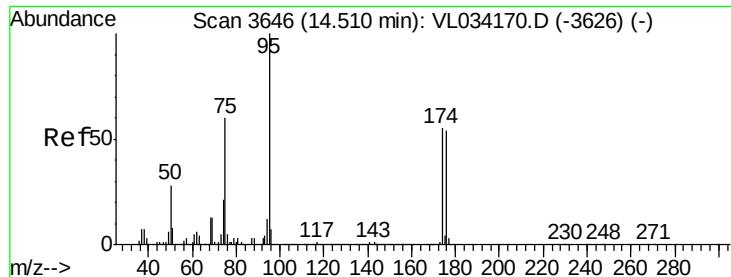
#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.16 min Scan# 2915
 Delta R.T. -0.01 min
 Lab File: VL034190.D
 Acq: 18 Sep 2019 19:51

Tgt Ion: 117 Resp: 1854937
 Ion Ratio Lower Upper
 117 100
 82 77.0 58.2 87.4
 119 33.3 23.7 35.5



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: 10.216 ppbv
 RT: 14.50 min Scan# 3642
 Delta R.T. -0.01 min
 Lab File: VL034190.D
 Acq: 18 Sep 2019 19:51

Instrument :
 MSVOA_L
 ClientSampleId :
 QC CAN 10445

Tgt Ion: 95 Resp: 1646549
 Ion Ratio Lower Upper
 95 100
 174 55.5 45.1 67.7
 175 4.2 3.3 4.9

