

Data File : VL034192.D
Acq On : 18 Sep 2019 21:12
Operator : SY/AP
Sample : QC CAN 10321
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC CAN 10321

Quant Time: Sep 19 06:52:22 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	1128835	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.22	114	1820625	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.16	117	1837222	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.50	95	1637477	10.26	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.60%

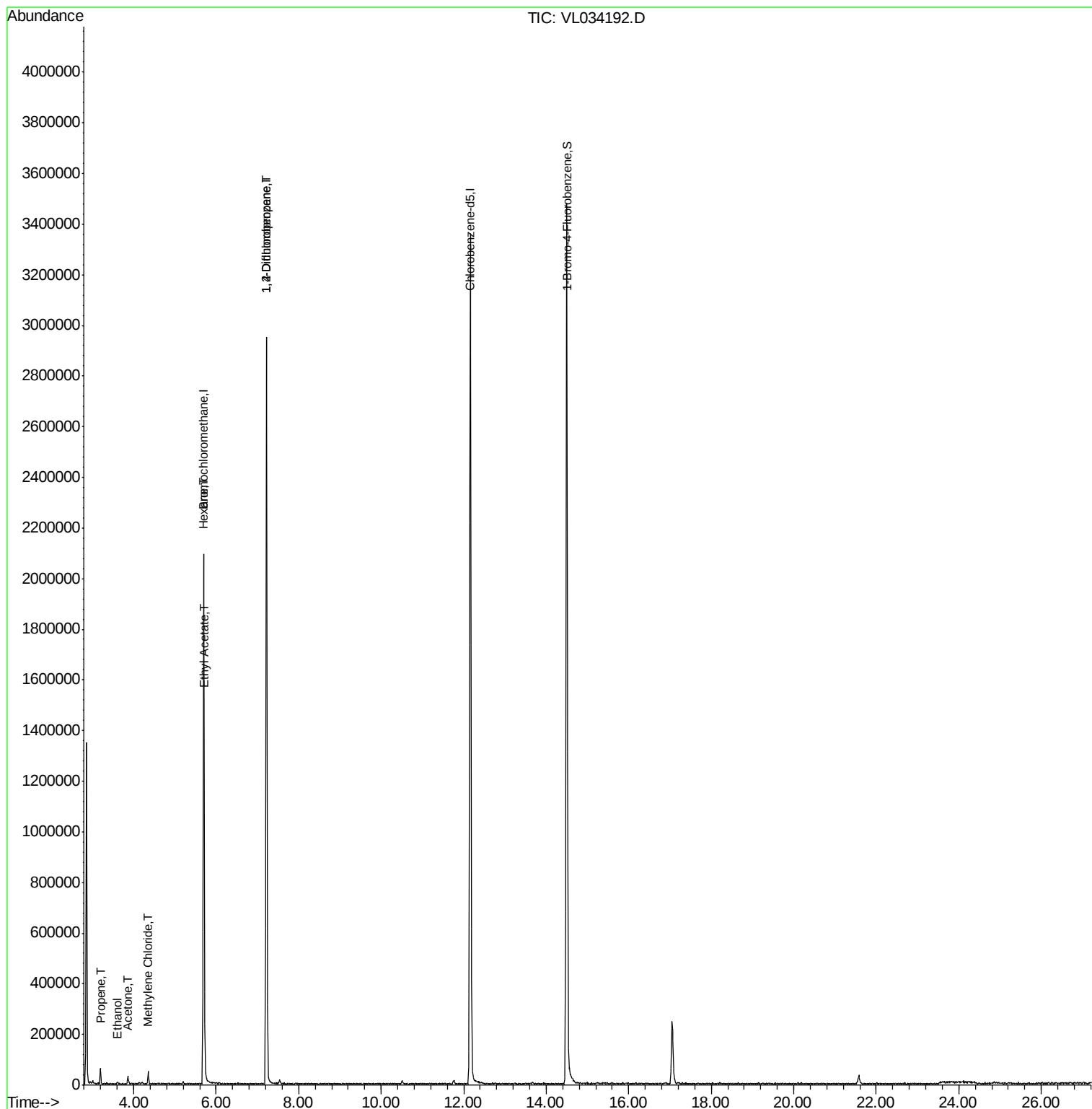
Target Compounds						Qvalue
9) Propene	3.19	41	16039	0.246	ppbv	90
13) Ethanol	3.59	45	511	0.032	ppbv #	36
15) Acetone	3.86	43	29906	0.198	ppbv	92
20) Methylene Chloride	4.35	84	8913	0.204	ppbv #	82
25) Ethyl Acetate	5.72	43	11953	0.042	ppbv #	77
26) Hexane	5.71	57	8302	0.070	ppbv #	1
39) 1,2-Dichloropropane	7.22	63	623398	6.900	ppbv #	20

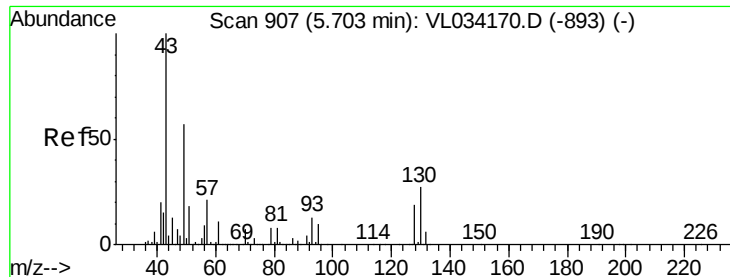
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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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QC CAN 10321

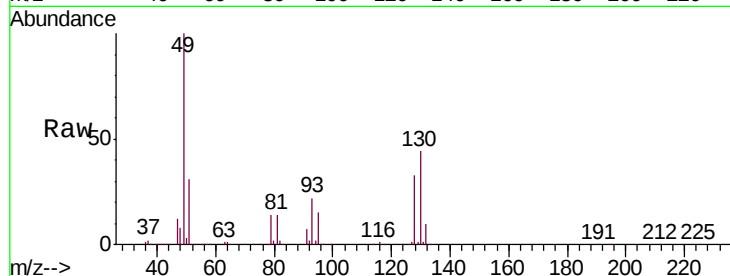
Tgt Ion: 49 Resp: 1128835

Ion Ratio Lower Upper

49 100

128 34.3 17.6 52.9

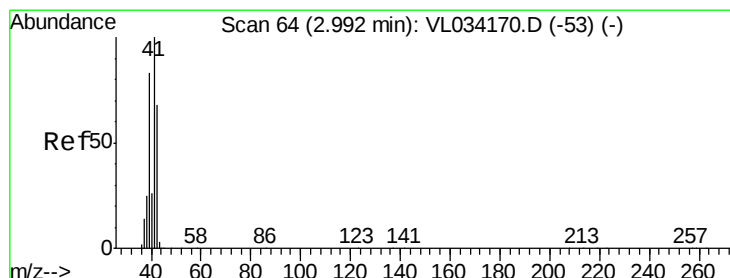
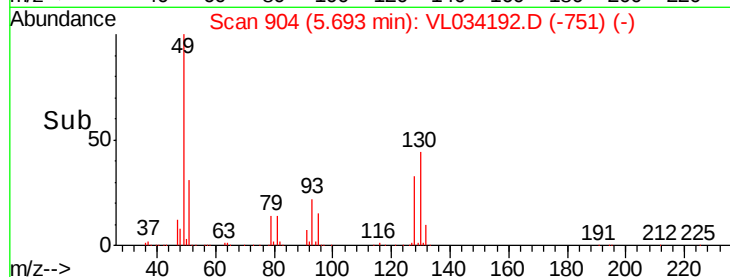
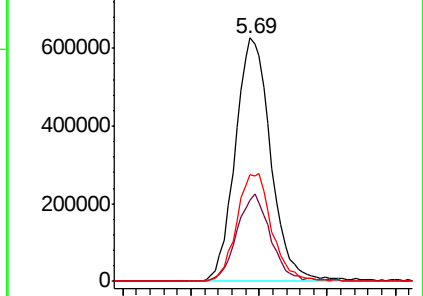
130 44.3 22.3 66.9



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: 0.246 ppbv

RT: 3.19 min Scan# 126

Delta R.T. 0.20 min

Lab File: VL034192.D

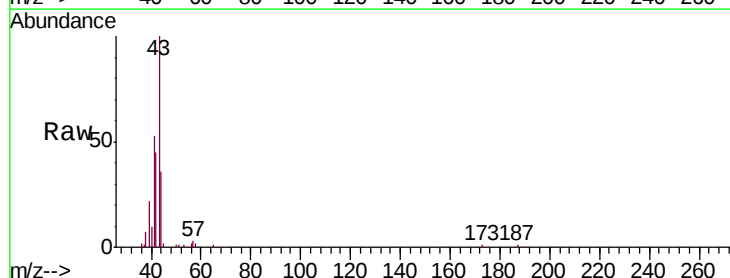
Acq: 18 Sep 2019 21:12

Tgt Ion: 41 Resp: 16039

Ion Ratio Lower Upper

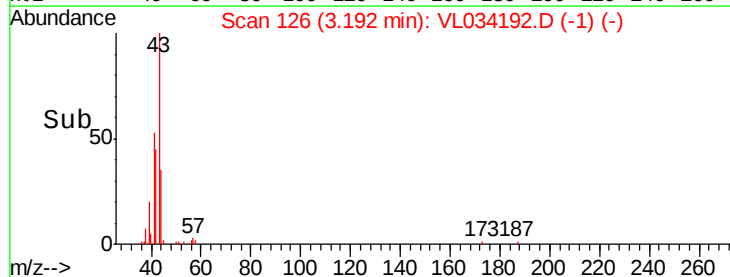
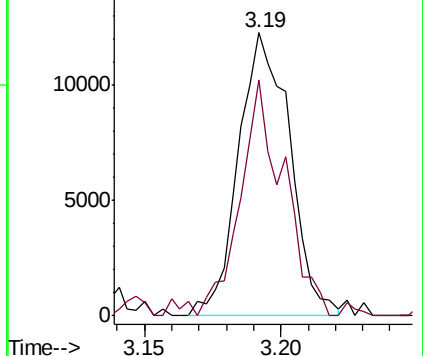
41 100

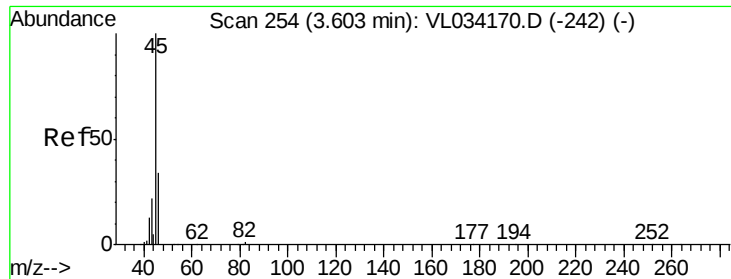
42 77.9 55.8 83.6



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

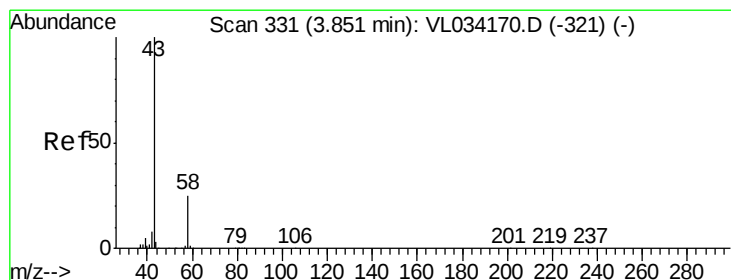
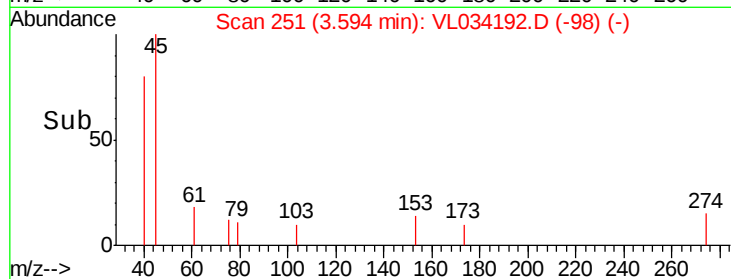
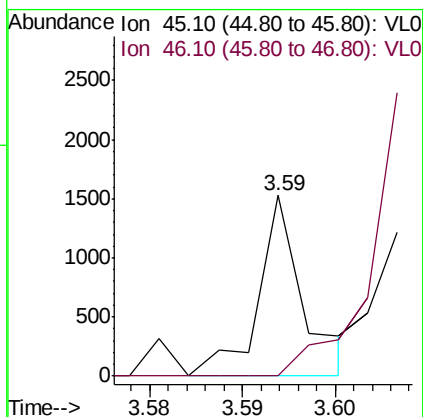
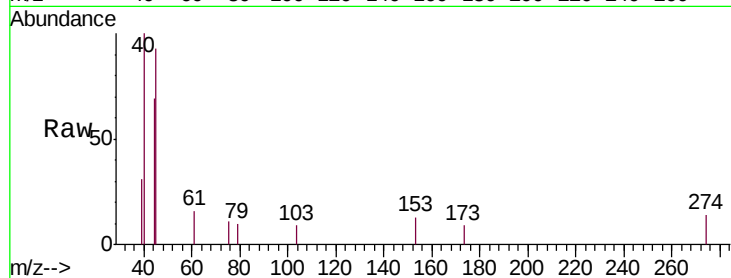




#13
Ethanol
Concen: 0.032 ppbv
RT: 3.59 min Scan# 251
Delta R.T. -0.01 min
Lab File: VL034192.D
Acq: 18 Sep 2019 21:12

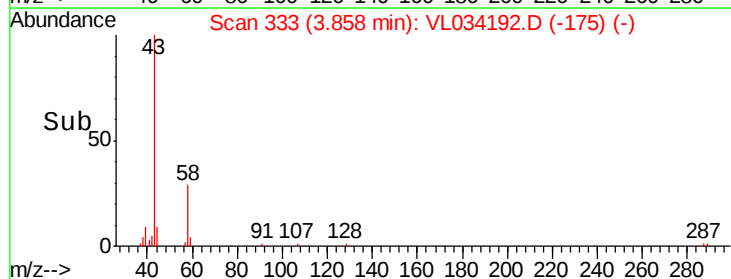
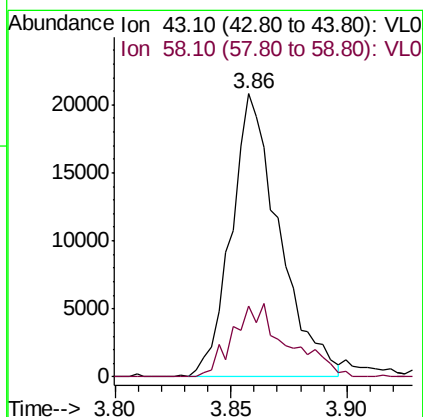
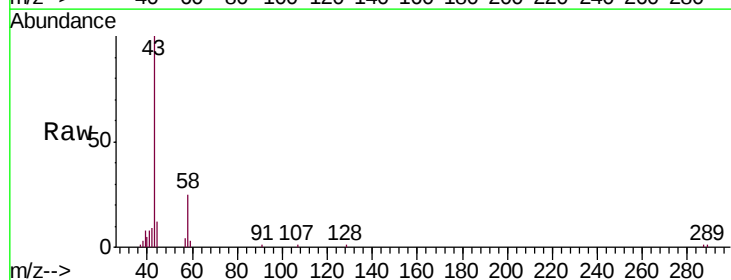
Instrument :
MSVOA_L
ClientSampleId :
QC CAN 10321

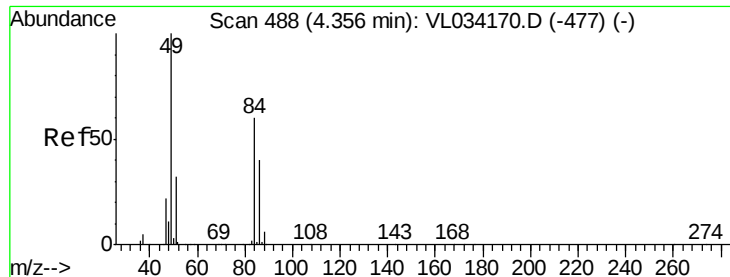
Tgt Ion: 45 Resp: 511
Ion Ratio Lower Upper
45 100
46 0.0 15.5 61.9#



#15
Acetone
Concen: 0.198 ppbv
RT: 3.86 min Scan# 333
Delta R.T. 0.01 min
Lab File: VL034192.D
Acq: 18 Sep 2019 21:12

Tgt Ion: 43 Resp: 29906
Ion Ratio Lower Upper
43 100
58 29.5 20.5 30.7





#20

Methylene Chloride

Concen: 0.204 ppbv

RT: 4.35 min Scan# 487

Delta R.T. -0.00 min

Lab File: VL034192.D

Acq: 18 Sep 2019 21:12

Instrument :

MSVOA_L

ClientSampleId :

QC CAN 10321

Tgt Ion: 84 Resp: 8913

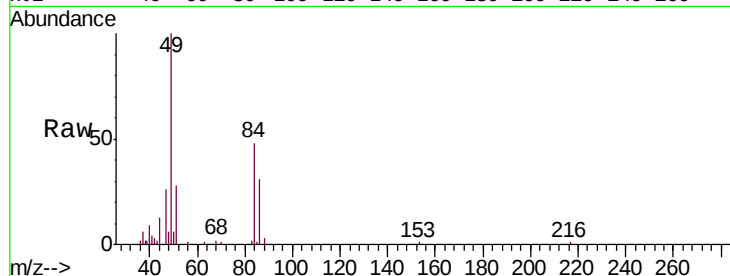
Ion Ratio Lower Upper

84 100

49 206.0 133.8 200.8#

51 59.6 43.6 65.4

86 67.3 53.1 79.7

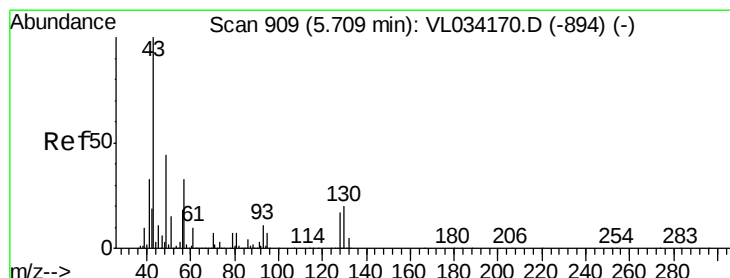
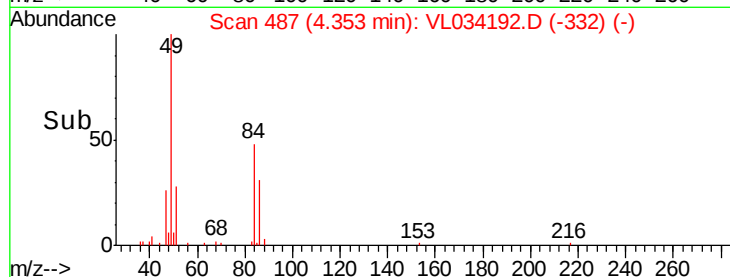
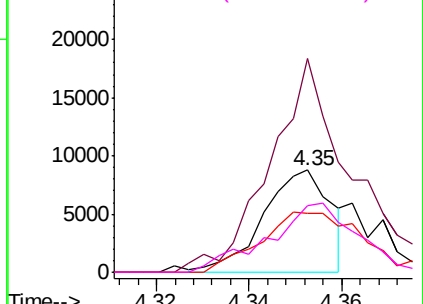


Abundance Ion 84.00 (83.70 to 84.70): VL0

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



#25

Ethyl Acetate

Concen: 0.042 ppbv

RT: 5.72 min Scan# 911

Delta R.T. 0.01 min

Lab File: VL034192.D

Acq: 18 Sep 2019 21:12

Tgt Ion: 43 Resp: 11953

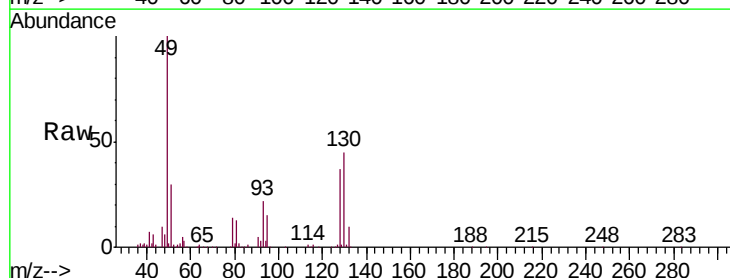
Ion Ratio Lower Upper

43 100

45 1.8 8.4 12.6#

61 0.0 7.2 10.8#

70 0.0 5.3 7.9#

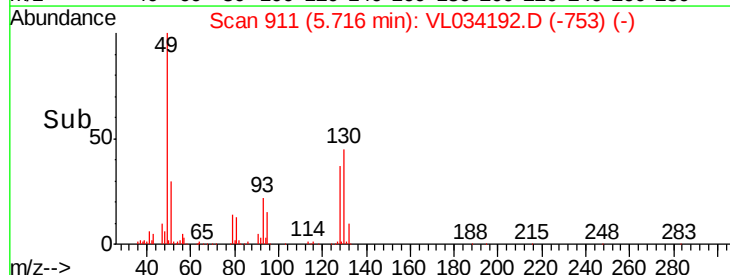
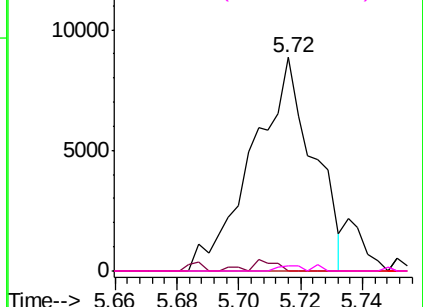


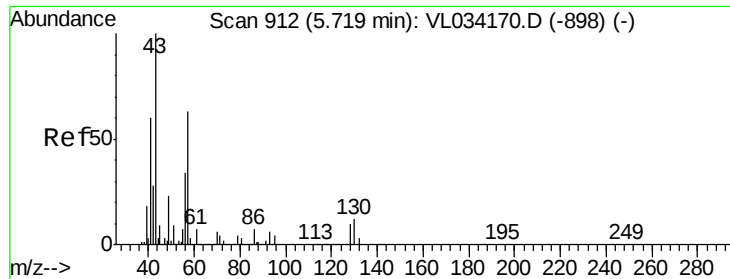
Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 45.10 (44.80 to 45.80): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 70.10 (69.80 to 70.80): VL0

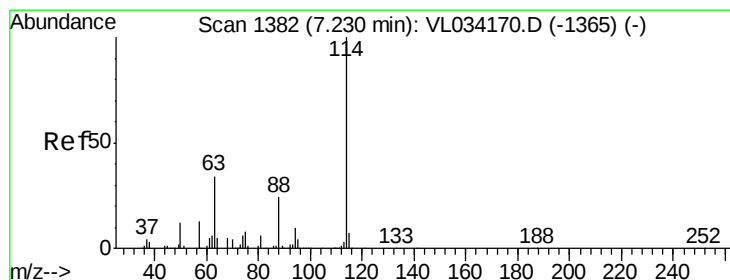
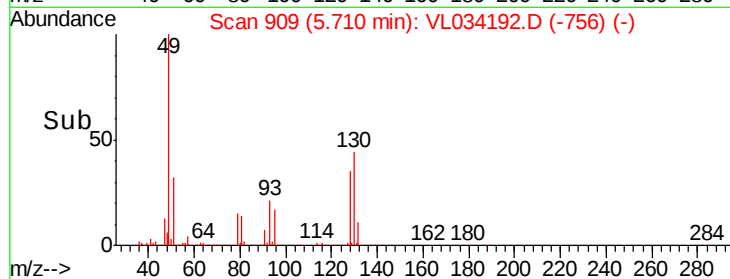
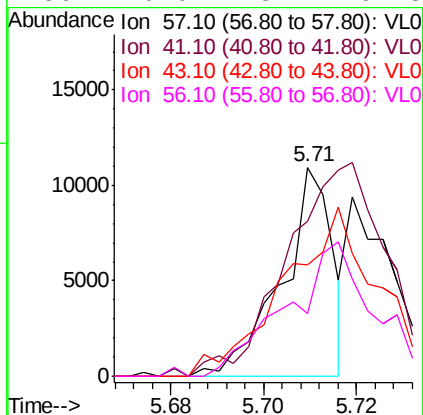
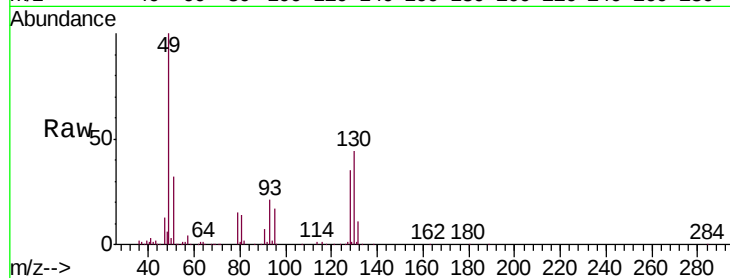




#26
Hexane
Concen: 0.070 ppbv
RT: 5.71 min Scan# 909
Delta R.T. -0.01 min
Lab File: VL034192.D
Acq: 18 Sep 2019 21:12

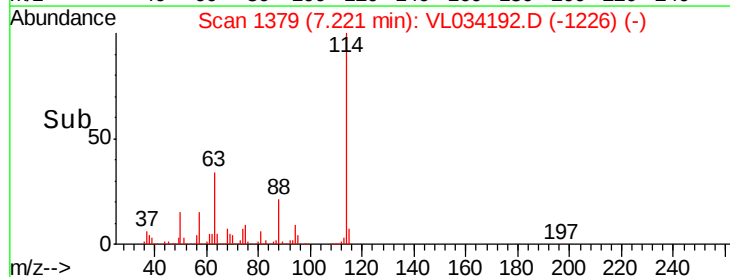
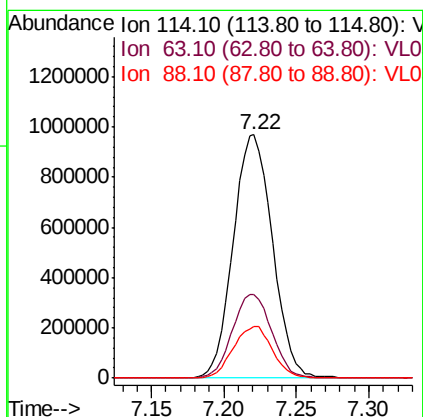
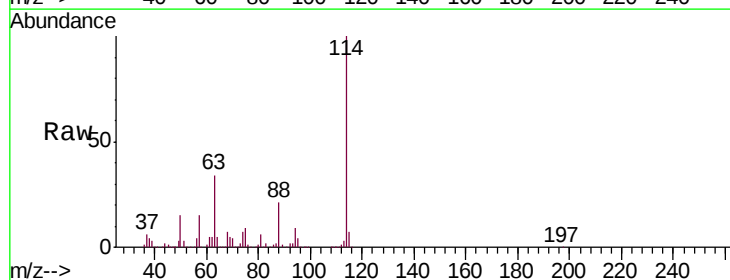
Instrument :
MSVOA_L
ClientSampleId :
QC CAN 10321

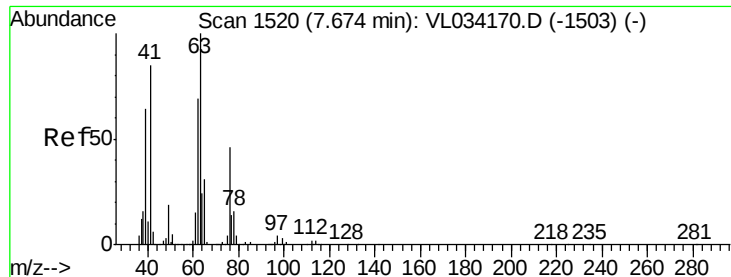
Tgt Ion: 57 Resp: 8302
Ion Ratio Lower Upper
57 100
41 0.0 78.5 117.7#
43 0.0 189.5 284.3#
56 0.0 43.2 64.8#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.22 min Scan# 1379
Delta R.T. -0.01 min
Lab File: VL034192.D
Acq: 18 Sep 2019 21:12

Tgt Ion: 114 Resp: 1820625
Ion Ratio Lower Upper
114 100
63 34.6 27.8 41.6
88 21.3 17.1 25.7

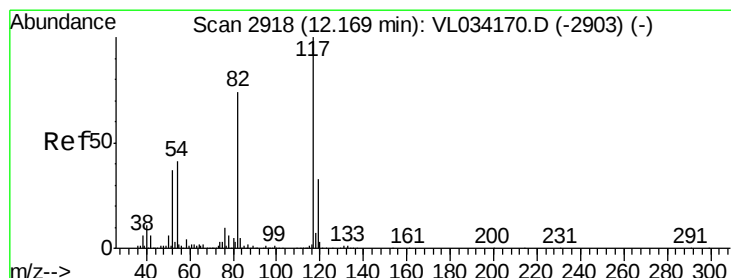
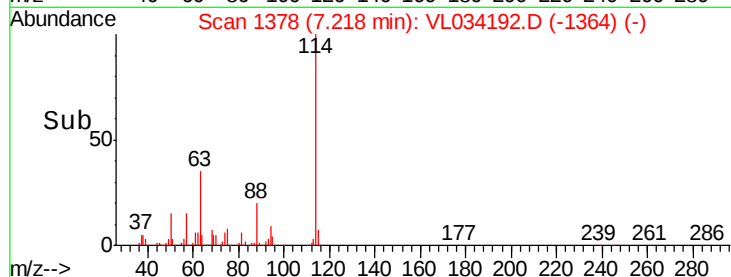
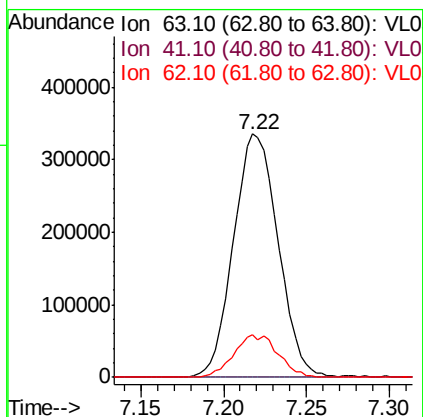
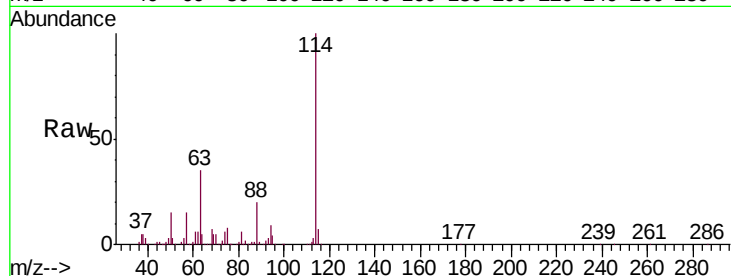




#39
 1,2-Dichloropropane
 Concen: 6.900 ppbv
 RT: 7.22 min Scan# 1378
 Delta R.T. -0.46 min
 Lab File: VL034192.D
 Acq: 18 Sep 2019 21:12

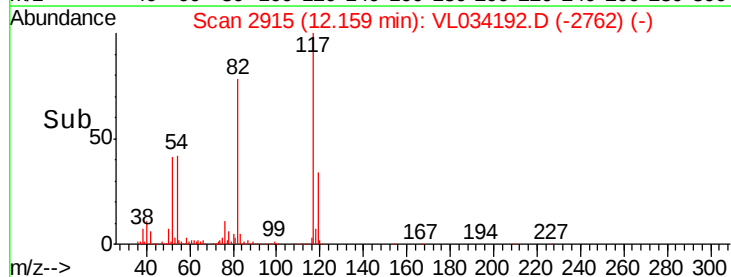
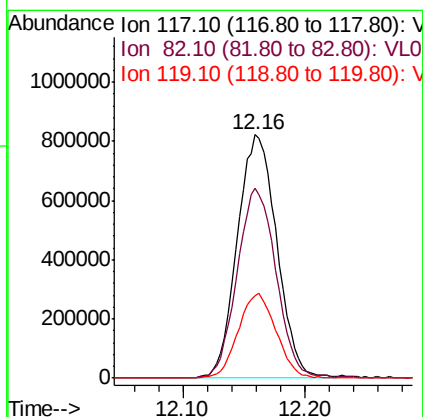
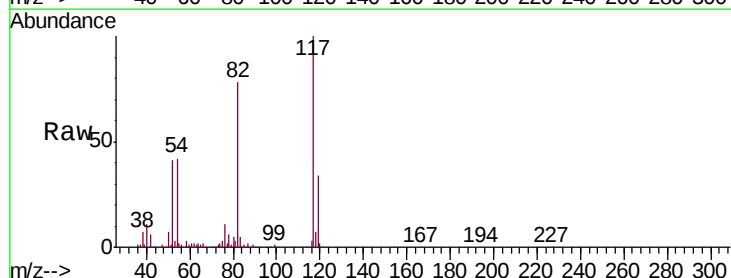
Instrument :
 MSVOA_L
 ClientSampleId :
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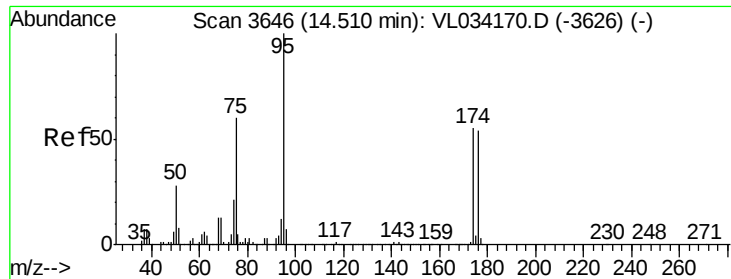
Tgt Ion: 63 Resp: 623398
 Ion Ratio Lower Upper
 63 100
 41 0.0 68.4 102.6#
 62 17.3 55.4 83.2#



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.16 min Scan# 2915
 Delta R.T. -0.01 min
 Lab File: VL034192.D
 Acq: 18 Sep 2019 21:12

Tgt Ion: 117 Resp: 1837222
 Ion Ratio Lower Upper
 117 100
 82 77.4 58.2 87.4
 119 33.5 23.7 35.5





#68

1-Bromo-4-Fluorobenzene

Concen: 10.257 ppbv

RT: 14.50 min Scan# 3642

Delta R.T. -0.01 min

Lab File: VL034192.D

Acq: 18 Sep 2019 21:12

Instrument :

MSVOA_L

ClientSampleId :

QC CAN 10321

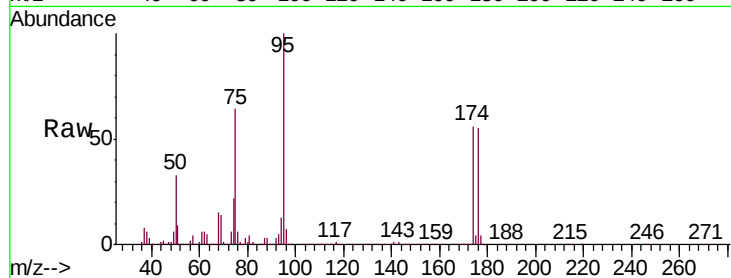
Tgt Ion: 95 Resp: 1637477

Ion Ratio Lower Upper

95 100

174 56.1 45.1 67.7

175 3.9 3.3 4.9



Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

