

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL060719\
Quantitation Report (Not Reviewed)

Data File : VL033890.D
Acq On : 7 Jun 2019 15:35
Operator : SY/AP
Sample : CAN 10123
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
CAN 10123

Quant Time: Jun 08 04:20:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL060719AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Jun 07 08:53:27 2019
QLast Update : Fri Jun 07 08:53:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.75	49	781316	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.27	114	1786034	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.22	117	1775207	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.56	95	1454365	9.97	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.70%

Target Compounds					Qvalue	
13) Ethanol	3.65	45	3833	0.342	ppbv #	37
15) Acetone	3.91	43	14794	0.130	ppbv #	80
20) Methylene Chloride	4.40	84	14226	0.320	ppbv	94
26) Hexane	5.77	57	7265	0.092	ppbv #	34
39) 1,2-Dichloropropane	7.27	63	477773	9.073	ppbv #	26

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

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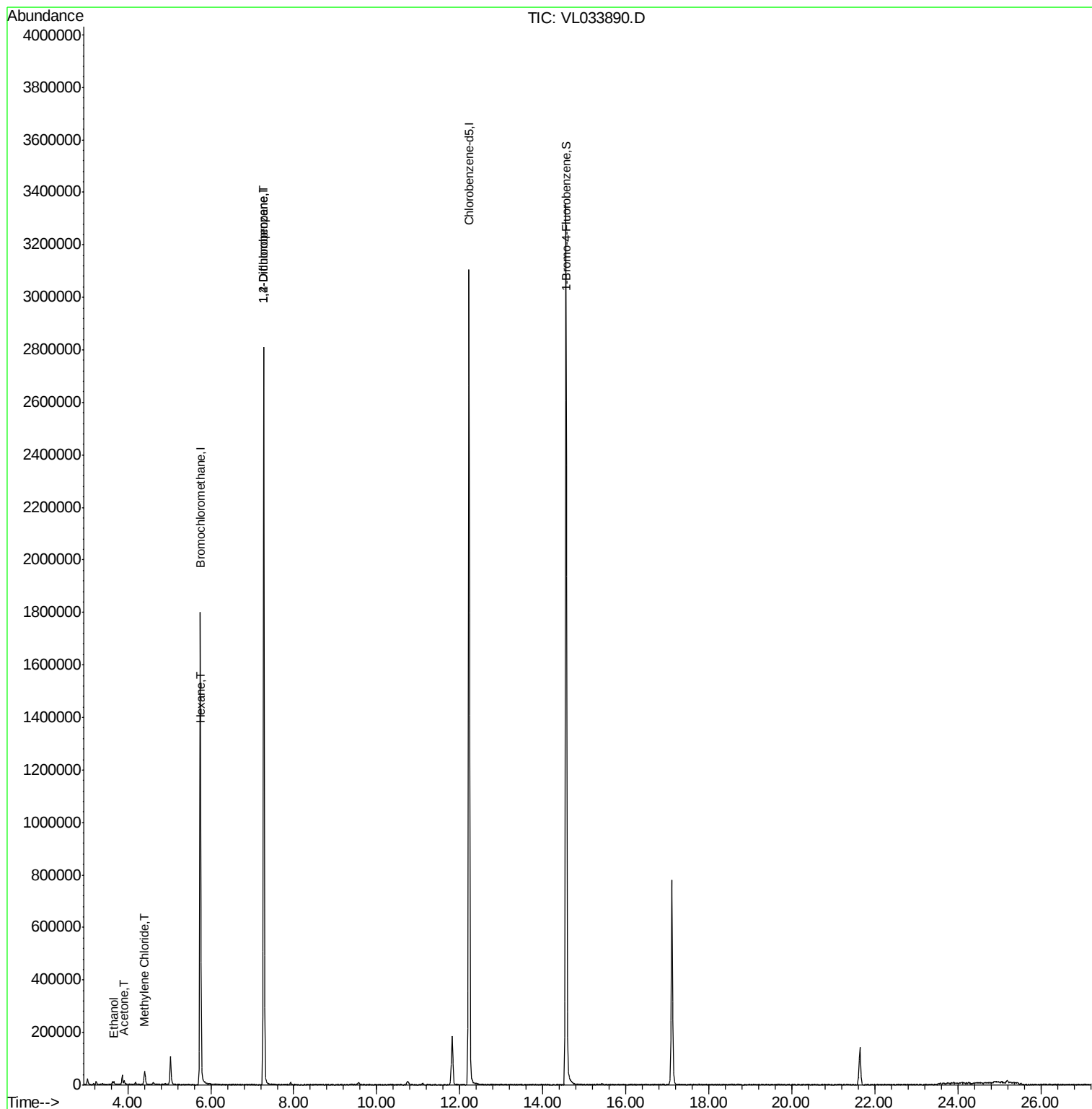
Quant Time: Jun 08 04:20:17 2019

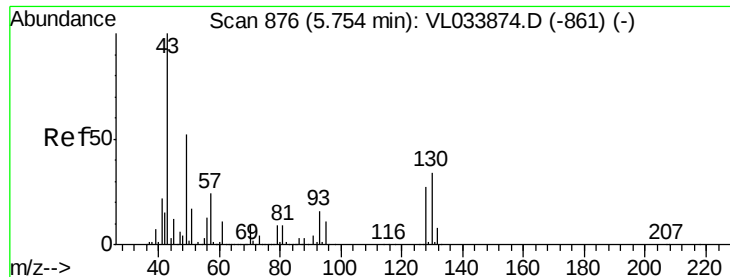
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL060719AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jun 07 08:53:27 2019

QLast Update : Fri Jun 07 08:53:27 2019

Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.75 min Scan# 874

Delta R.T. -0.01 min

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MSVOA_L

ClientSampleId :

CAN 10123

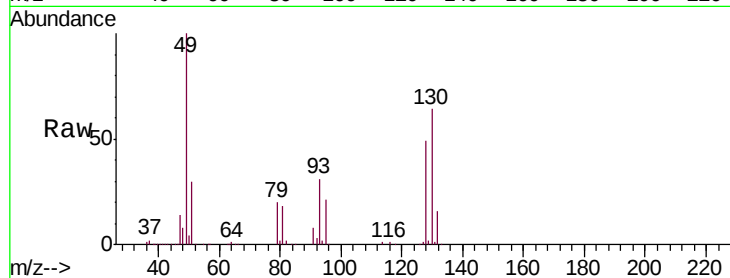
Tgt Ion: 49 Resp: 781316

Ion Ratio Lower Upper

49 100

128 48.7 25.5 76.5

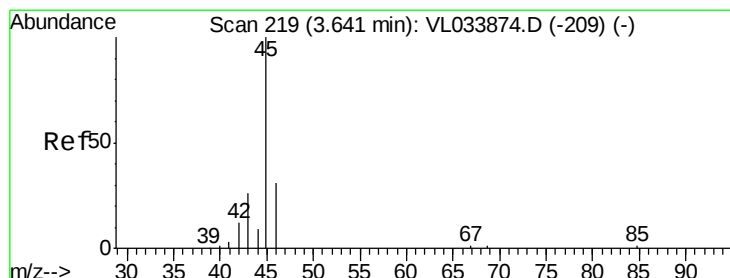
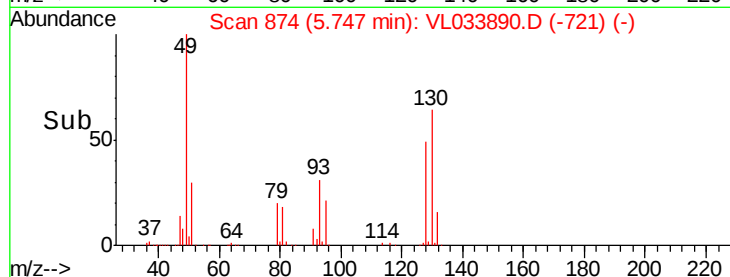
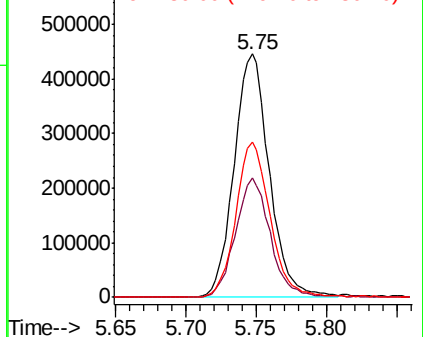
130 62.1 32.5 97.4



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: 0.342 ppbv

RT: 3.65 min Scan# 223

Delta R.T. 0.01 min

Lab File: VL033890.D

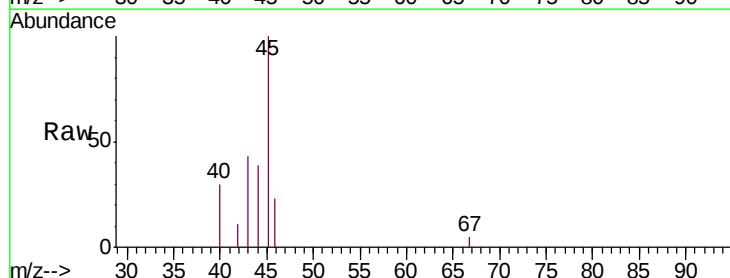
Acq: 7 Jun 2019 15:35

Tgt Ion: 45 Resp: 3833

Ion Ratio Lower Upper

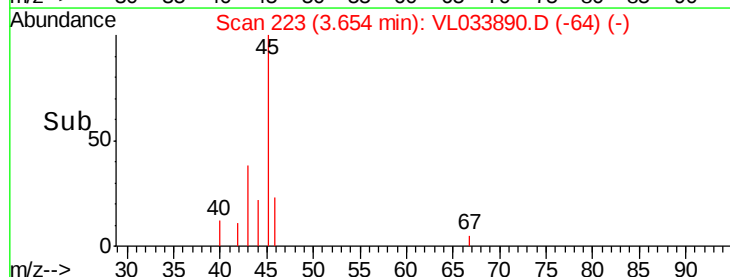
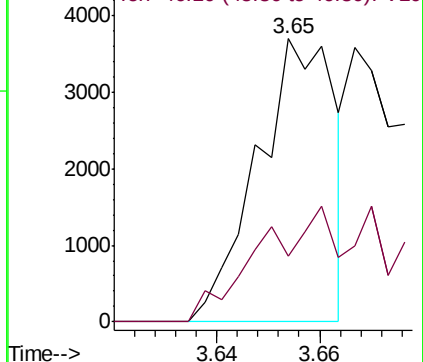
45 100

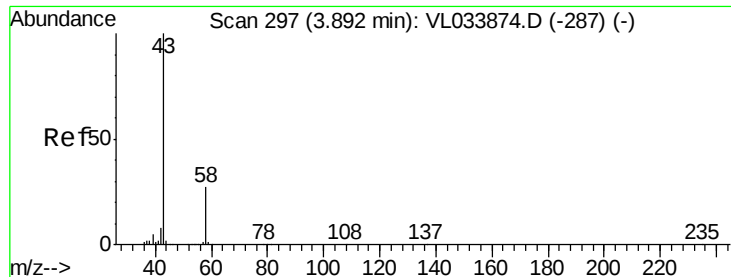
46 0.0 15.3 61.1#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





#15

Acetone

Concen: 0.130 ppbv

RT: 3.91 min Scan# 303

Delta R.T. 0.02 min

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Instrument :

MSVOA_L

ClientSampleId :

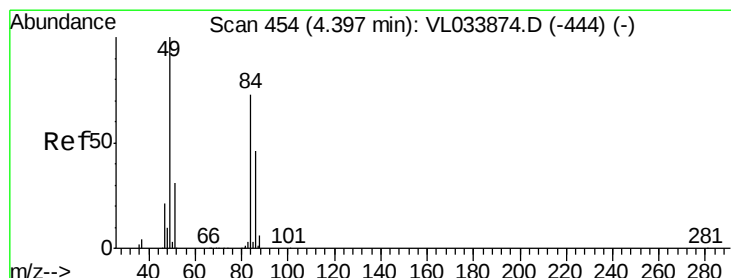
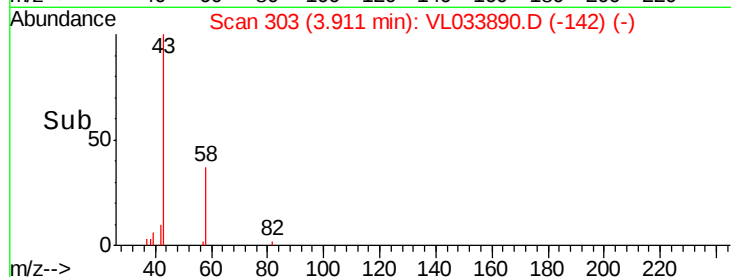
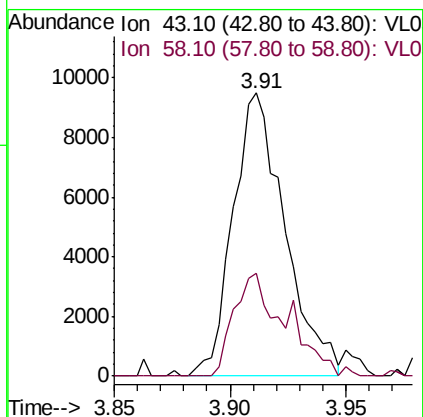
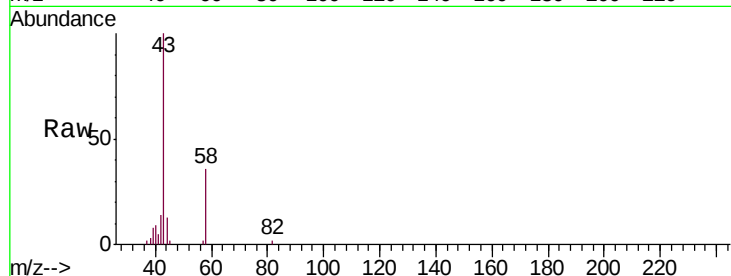
CAN 10123

Tgt Ion: 43 Resp: 14794

Ion Ratio Lower Upper

43 100

58 36.7 21.3 31.9#



#20

Methylene Chloride

Concen: 0.320 ppbv

RT: 4.40 min Scan# 455

Delta R.T. 0.00 min

Lab File: VL033890.D

Acq: 7 Jun 2019 15:35

Tgt Ion: 84 Resp: 14226

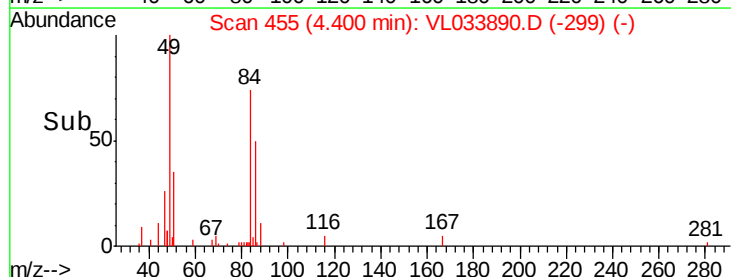
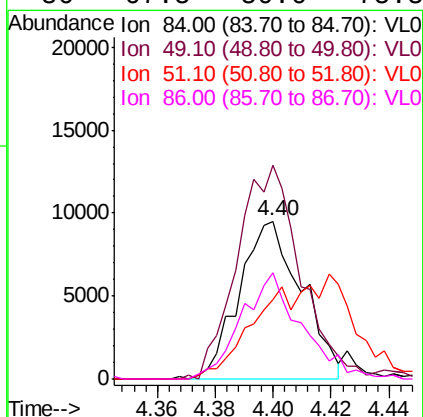
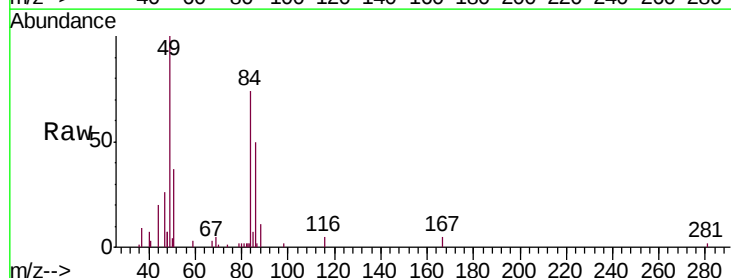
Ion Ratio Lower Upper

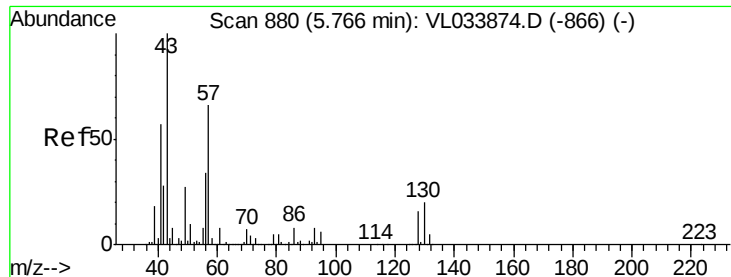
84 100

49 132.8 110.0 165.0

51 50.4 34.6 51.8

86 67.5 50.6 75.8

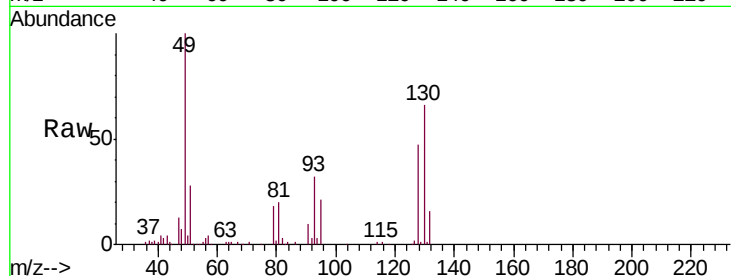




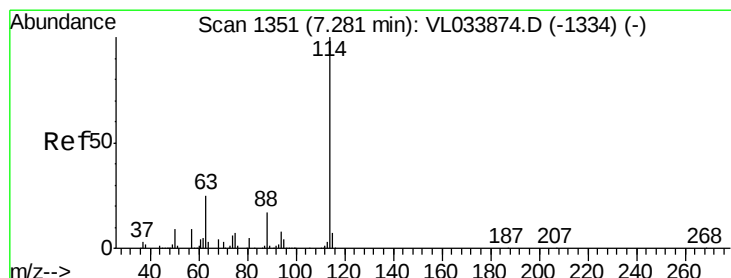
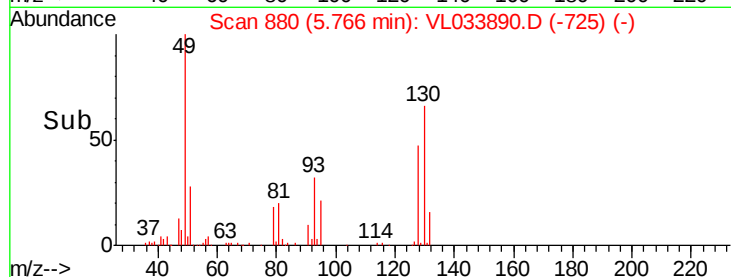
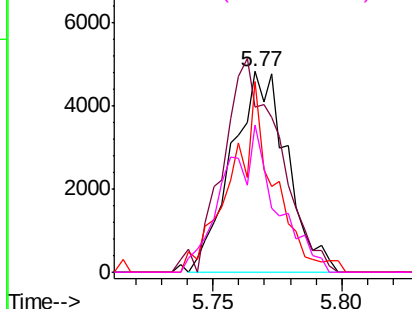
#26
Hexane
Concen: 0.092 ppbv
RT: 5.77 min Scan# 880
Delta R.T. -0.00 min
Lab File: VL033890.D
Acq: 7 Jun 2019 15:35

Instrument :
MSVOA_L
ClientSampleId :
CAN 10123

Tgt Ion: 57 Resp: 7265
Ion Ratio Lower Upper
57 100
41 108.1 71.4 107.2#
43 72.3 183.7 275.5#
56 67.9 42.7 64.1#

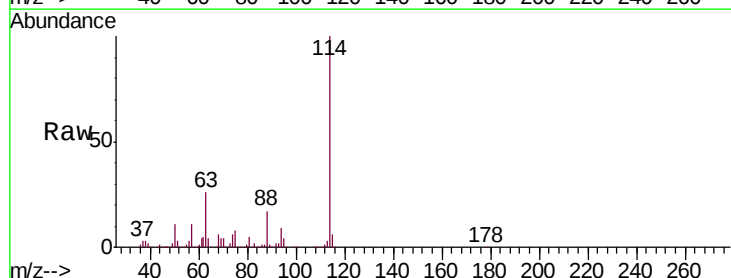


Abundance Ion 57.10 (56.80 to 57.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 43.10 (42.80 to 43.80): VL0
Ion 56.10 (55.80 to 56.80): VL0

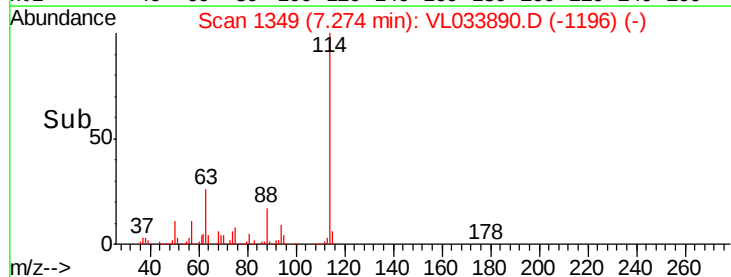
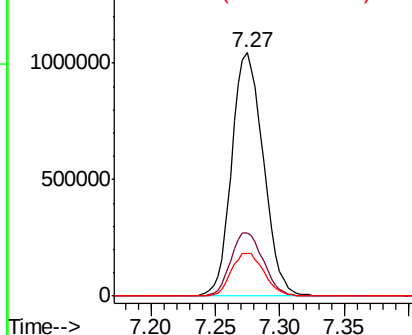


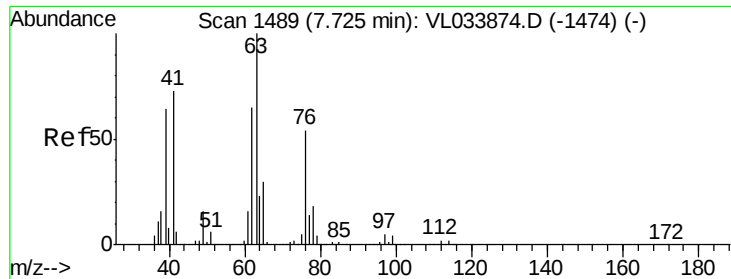
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.27 min Scan# 1349
Delta R.T. -0.01 min
Lab File: VL033890.D
Acq: 7 Jun 2019 15:35

Tgt Ion: 114 Resp: 1786034
Ion Ratio Lower Upper
114 100
63 26.9 21.1 31.7
88 18.2 14.2 21.4



Abundance Ion 114.10 (113.80 to 114.80): V
Ion 63.10 (62.80 to 63.80): VL0
Ion 88.10 (87.80 to 88.80): VL0

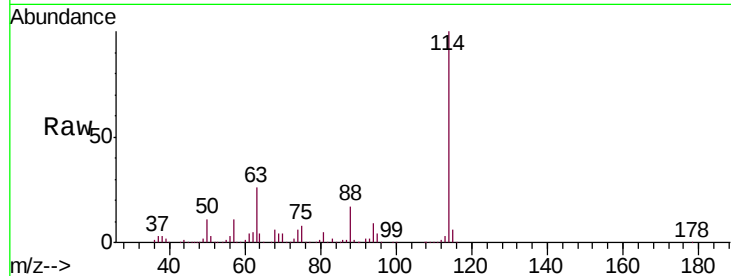




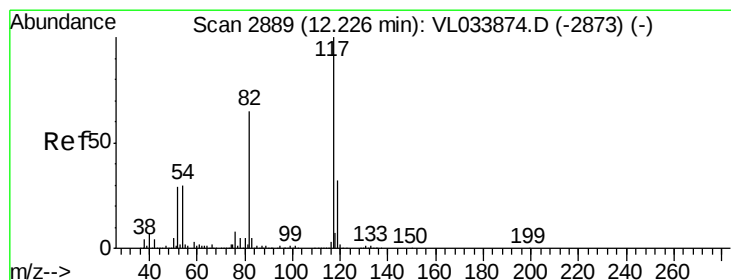
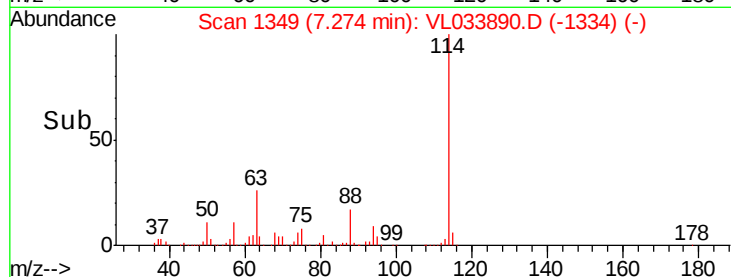
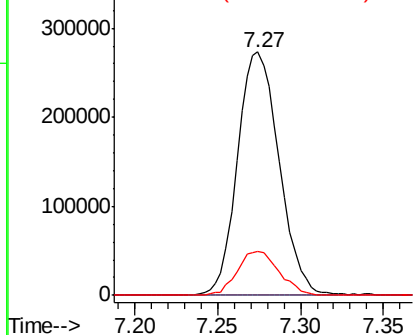
#39
 1,2-Dichloropropane
 Concen: 9.073 ppbv
 RT: 7.27 min Scan# 1349
 Delta R.T. -0.45 min
 Lab File: VL033890.D
 Acq: 7 Jun 2019 15:35

Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10123

Tgt Ion: 63 Resp: 477773
 Ion Ratio Lower Upper
 63 100
 41 0.0 58.7 88.1#
 62 18.1 51.9 77.9#

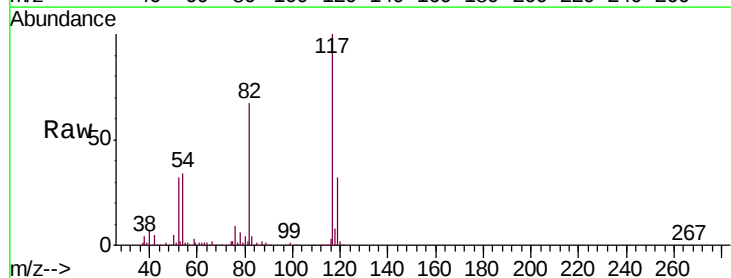


Abundance Ion 63.10 (62.80 to 63.80): VL0
 Ion 41.10 (40.80 to 41.80): VL0
 Ion 62.10 (61.80 to 62.80): VL0

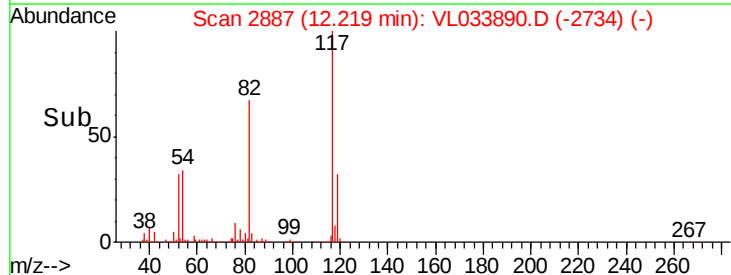
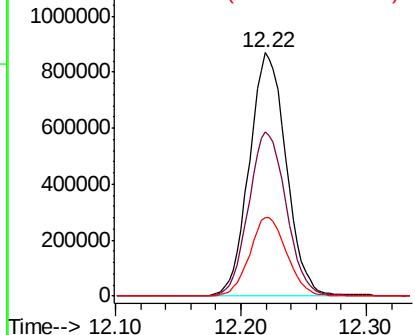


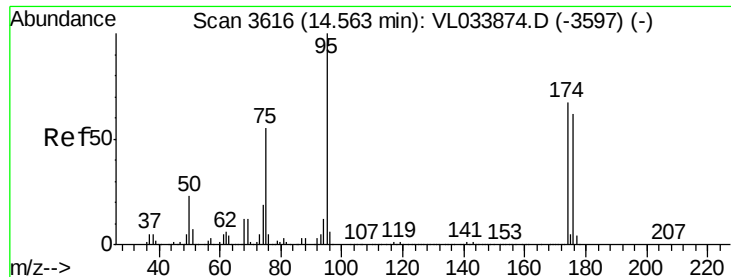
#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.22 min Scan# 2887
 Delta R.T. -0.01 min
 Lab File: VL033890.D
 Acq: 7 Jun 2019 15:35

Tgt Ion: 117 Resp: 1775207
 Ion Ratio Lower Upper
 117 100
 82 69.4 50.2 75.2
 119 32.9 24.8 37.2



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

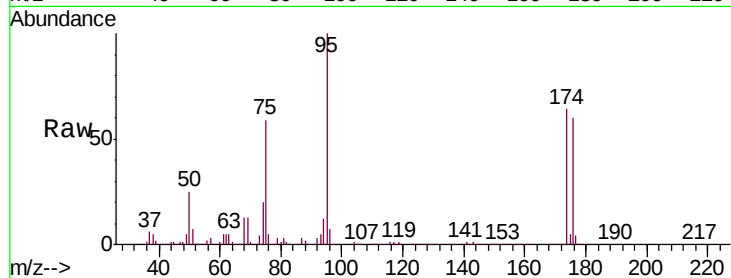




#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.974 ppbv
 RT: 14.56 min Scan# 3614
 Delta R.T. -0.01 min
 Lab File: VL033890.D
 Acq: 7 Jun 2019 15:35

Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10123

Tgt Ion: 95 Resp: 1454365
 Ion Ratio Lower Upper
 95 100
 174 65.0 54.0 81.0
 175 4.7 3.8 5.8



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

