

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL011619\
Quantitation Report (Not Reviewed)

Data File : VL033103.D
Acq On : 16 Jan 2019 22:34
Operator : SY/AP
Sample : CAN 10263
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
CAN 10263

Quant Time: Jan 17 01:56:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL010419AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jan 04 16:09:05 2019
QLast Update : Fri Jan 04 16:09:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	1007700	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.28	114	2352530	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.24	117	2094470	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.57	95	1666829	10.38	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.80%

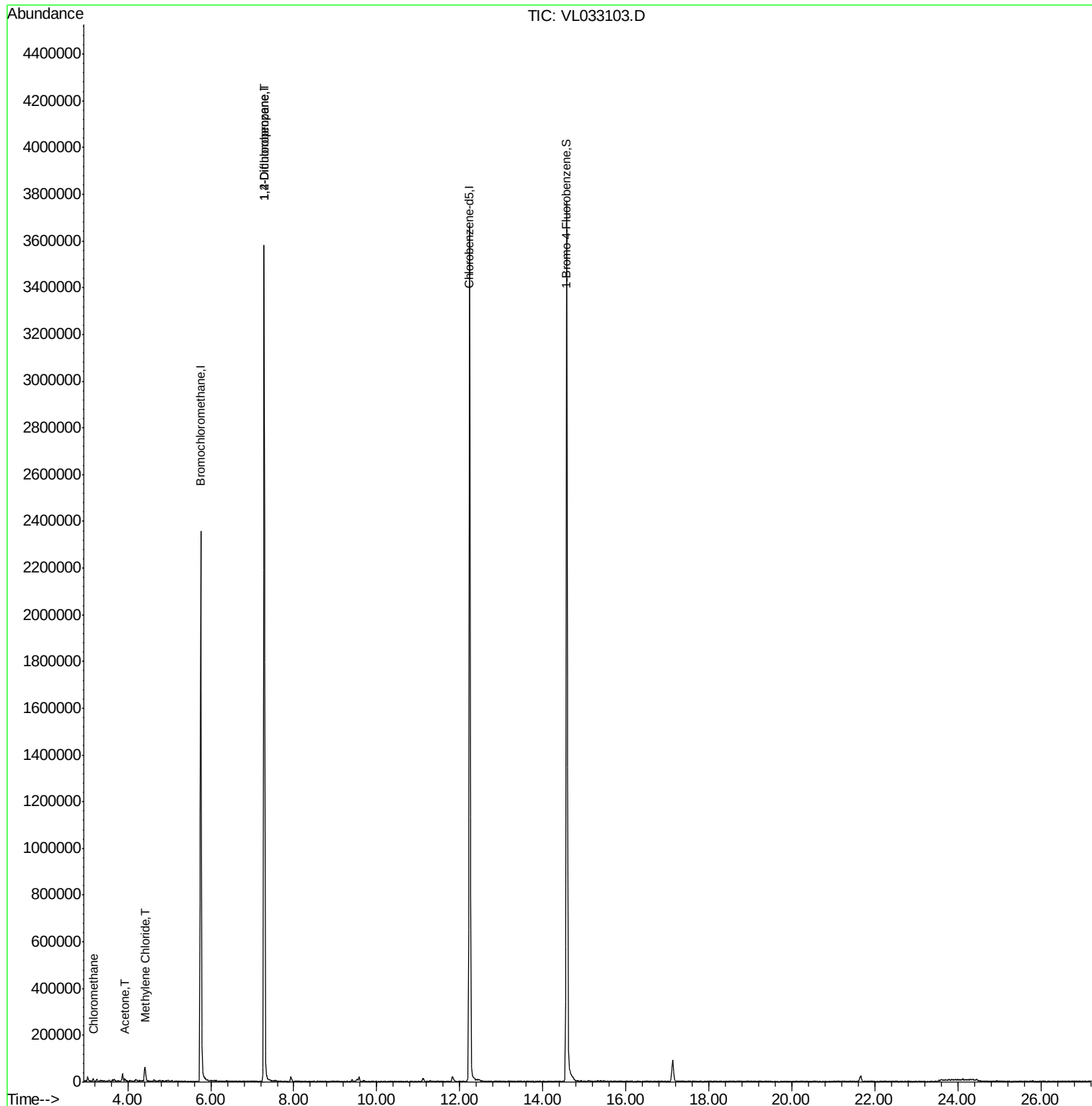
Target Compounds					Qvalue	
4) Chloromethane	3.17	50	7646	0.117	ppbv #	76
15) Acetone	3.93	43	9328	0.067	ppbv	95
20) Methylene Chloride	4.40	84	17926	0.308	ppbv #	72
39) 1,2-Dichloropropane	7.28	63	595089	8.220	ppbv #	23

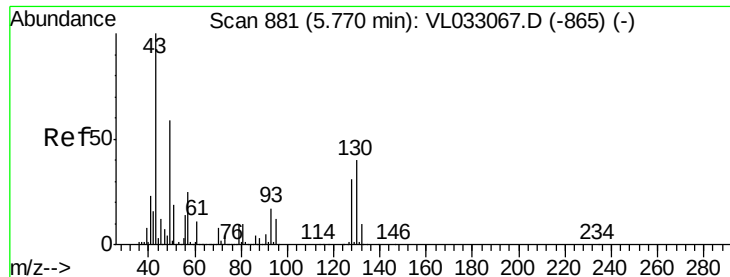
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.76 min Scan# 877

Delta R.T. -0.01 min

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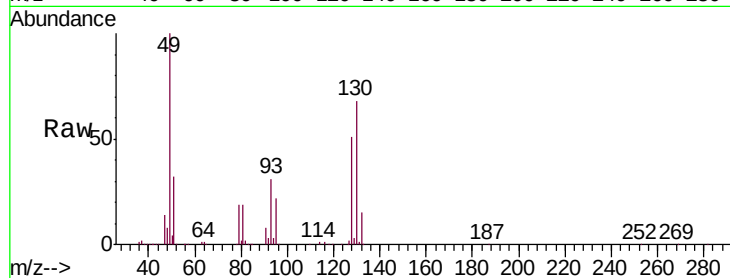
Tgt Ion: 49 Resp: 1007700

Ion Ratio Lower Upper

49 100

128 51.5 26.2 78.5

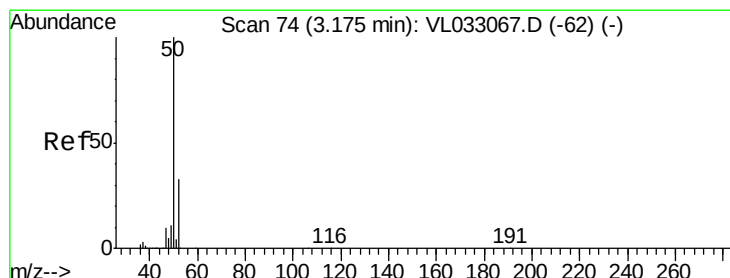
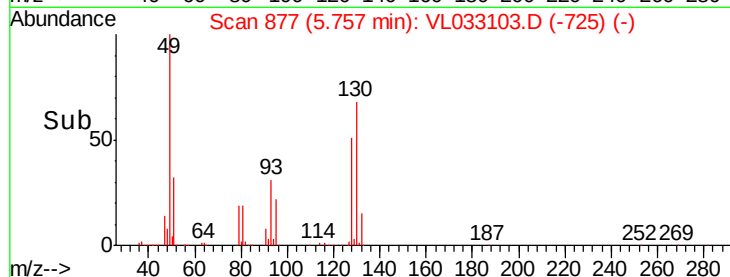
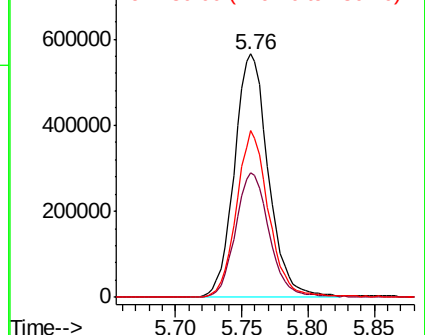
130 65.5 33.6 100.6



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



#4

Chloromethane

Concen: 0.117 ppbv

RT: 3.17 min Scan# 72

Delta R.T. -0.00 min

Lab File: VL033103.D

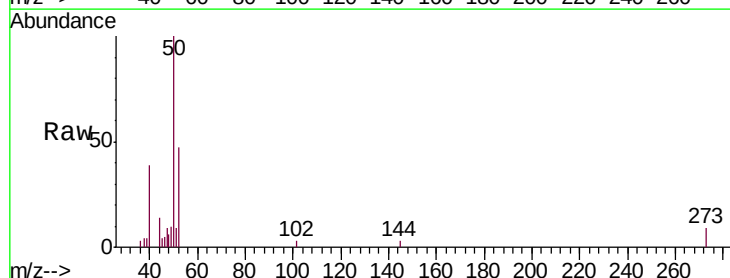
Acq: 16 Jan 2019 22:34

Tgt Ion: 50 Resp: 7646

Ion Ratio Lower Upper

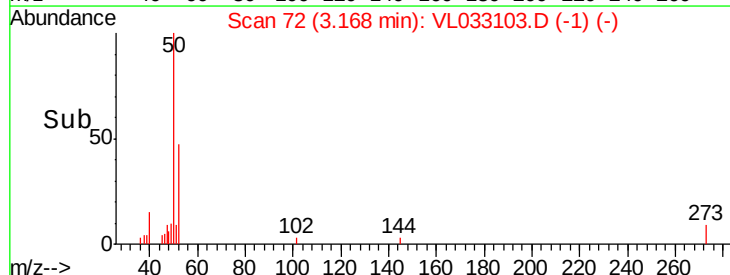
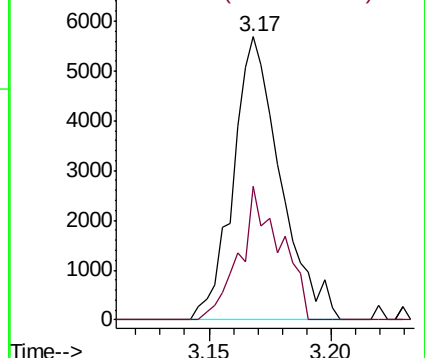
50 100

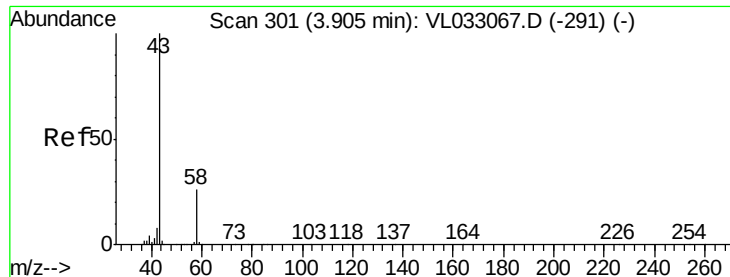
52 47.3 26.9 40.3#



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#15

Acetone

Concen: 0.067 ppbv

RT: 3.93 min Scan# 308

Delta R.T. 0.03 min

Lab File: VL033103.D

Acq: 16 Jan 2019 22:34

Instrument :

MSVOA_L

ClientSampleId :

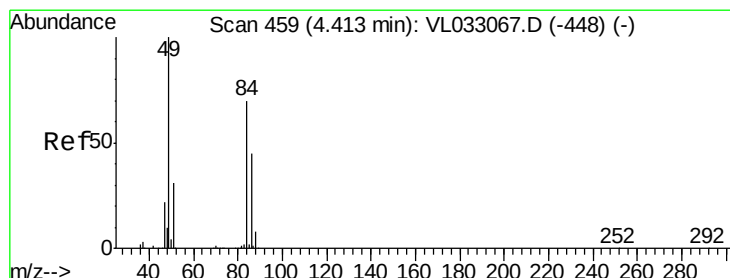
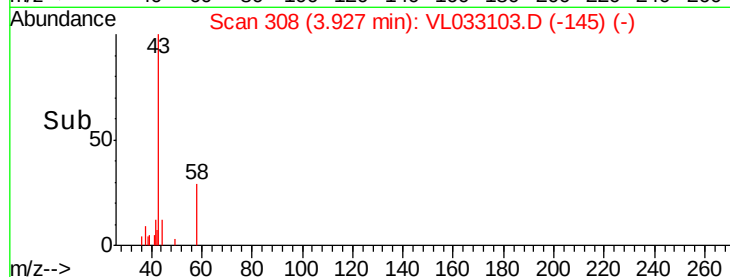
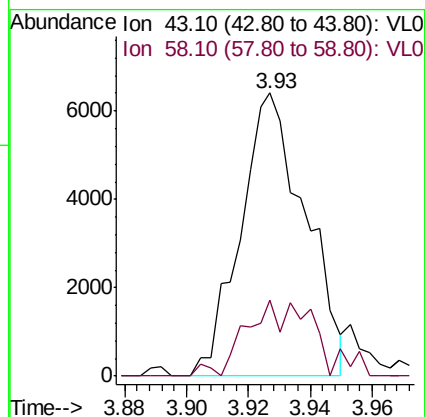
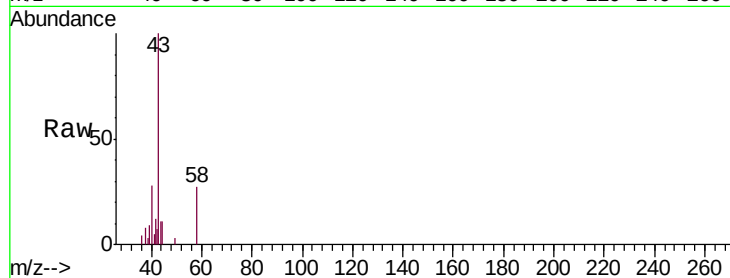
CAN 10263

Tgt Ion: 43 Resp: 9328

Ion Ratio Lower Upper

43 100

58 28.9 21.1 31.7



#20

Methylene Chloride

Concen: 0.308 ppbv

RT: 4.40 min Scan# 456

Delta R.T. -0.01 min

Lab File: VL033103.D

Acq: 16 Jan 2019 22:34

Tgt Ion: 84 Resp: 17926

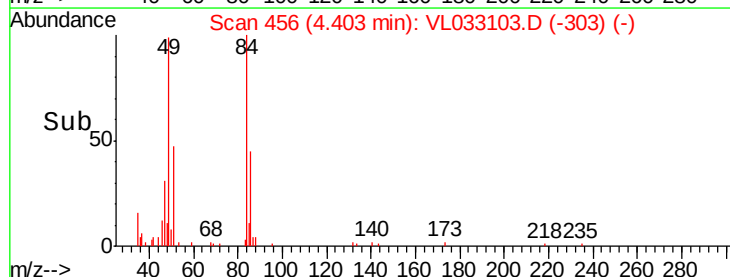
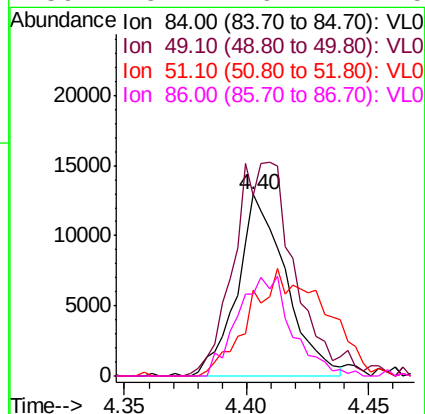
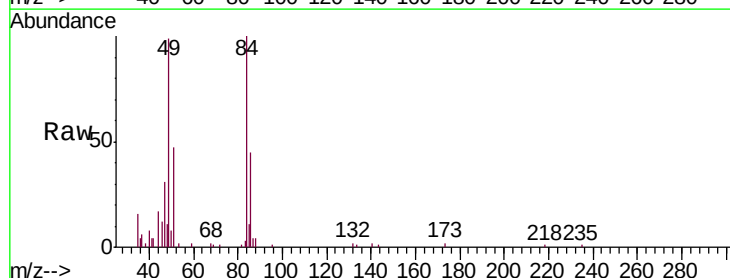
Ion Ratio Lower Upper

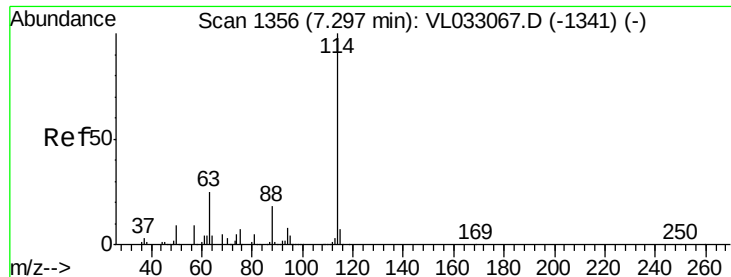
84 100

49 97.8 115.8 173.6#

51 47.5 35.7 53.5

86 45.2 49.7 74.5#

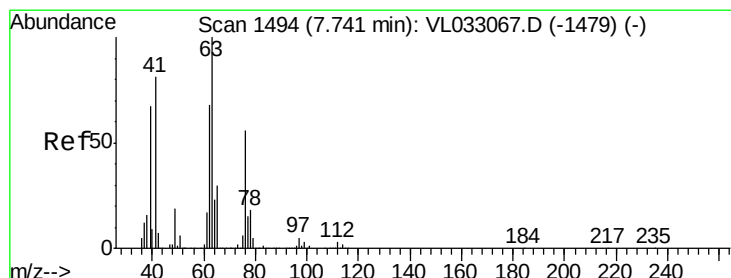
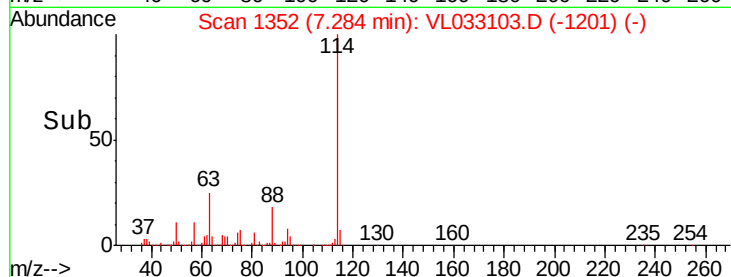
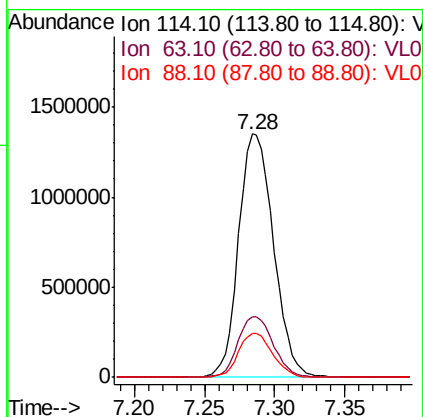
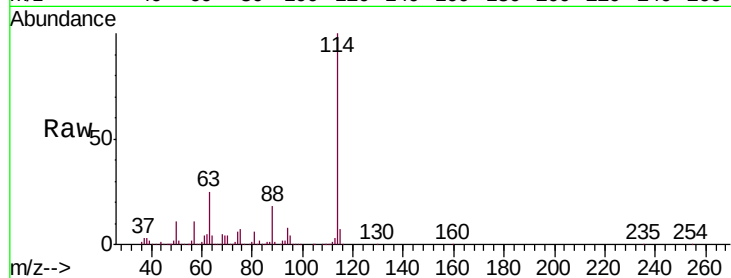




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.28 min Scan# 1352
 Delta R.T. -0.01 min
 Lab File: VL033103.D
 Acq: 16 Jan 2019 22:34

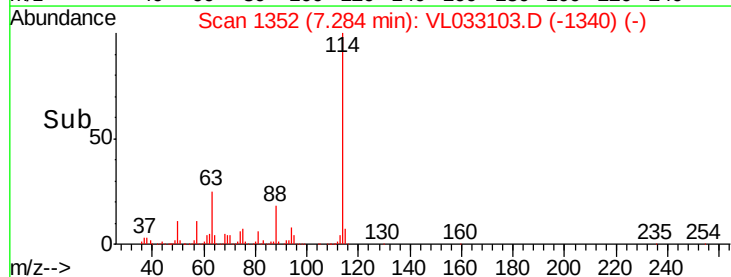
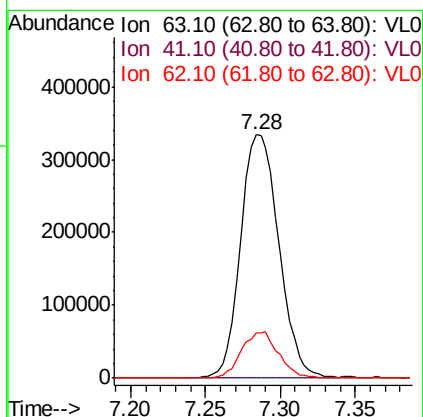
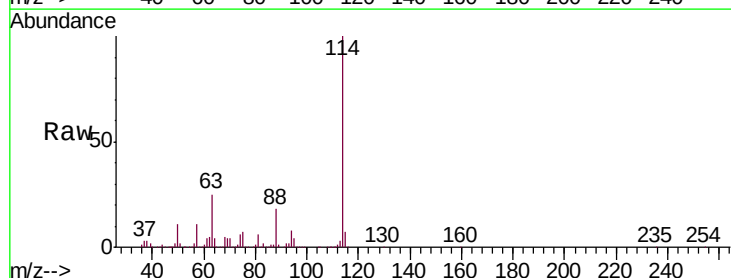
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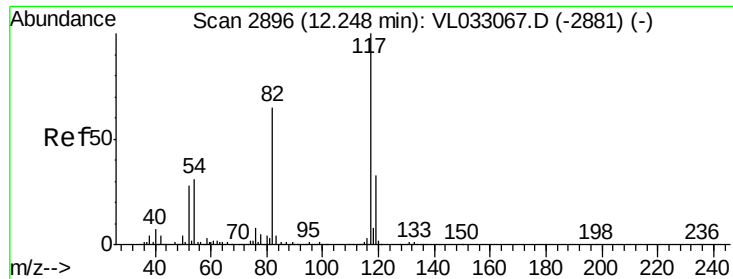
Tgt Ion: 114 Resp: 2352530
 Ion Ratio Lower Upper
 114 100
 63 25.4 20.1 30.1
 88 17.9 14.0 21.0



#39
 1,2-Dichloropropane
 Concen: 8.220 ppbv
 RT: 7.28 min Scan# 1352
 Delta R.T. -0.46 min
 Lab File: VL033103.D
 Acq: 16 Jan 2019 22:34

Tgt Ion: 63 Resp: 595089
 Ion Ratio Lower Upper
 63 100
 41 0.2 61.9 92.9#
 62 18.5 55.8 83.6#

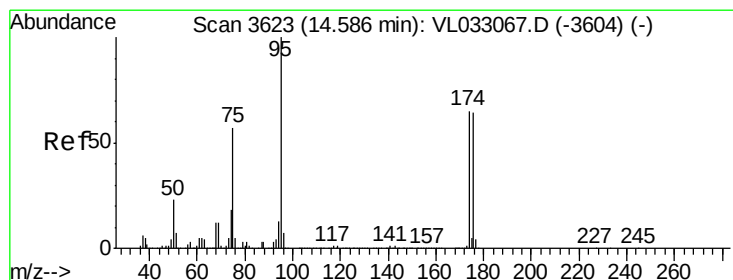
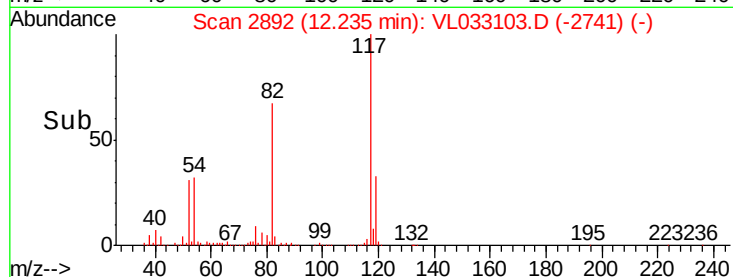
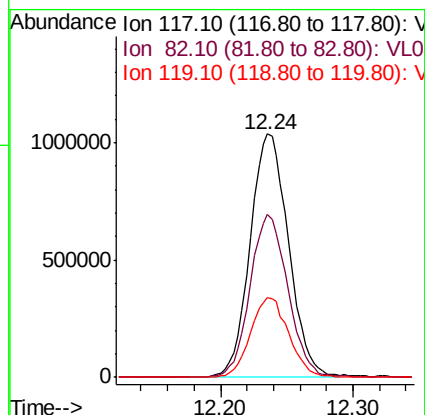
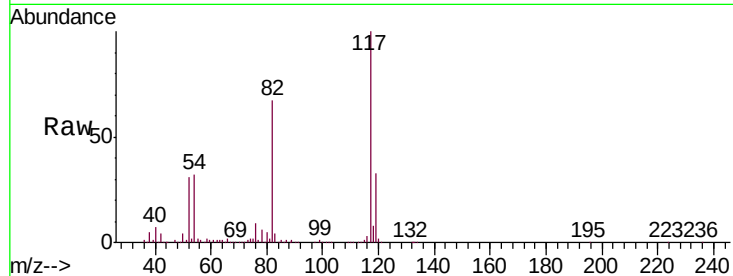




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2892
Delta R.T. -0.01 min
Lab File: VL033103.D
Acq: 16 Jan 2019 22:34

Instrument :
MSVOA_L
ClientSampleId :
CAN 10263

Tgt Ion: 117 Resp: 2094470
Ion Ratio Lower Upper
117 100
82 66.2 48.9 73.3
119 32.9 24.6 37.0



#68
1-Bromo-4-Fluorobenzene
Concen: 10.382 ppbv
RT: 14.57 min Scan# 3619
Delta R.T. -0.01 min
Lab File: VL033103.D
Acq: 16 Jan 2019 22:34

Tgt Ion: 95 Resp: 1666829
Ion Ratio Lower Upper
95 100
174 64.0 51.9 77.9
175 4.7 3.9 5.9

