

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

Data File : VL033090.D
Acq On : 16 Jan 2019 12:29
Operator : SY/AP
Sample : QC010919 CAN 10295
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC010919 CAN 10295

Quant Time: Jan 17 01:52:23 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	1084439	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2735384	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	2408734	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.57	95	1793984	9.72	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.20%

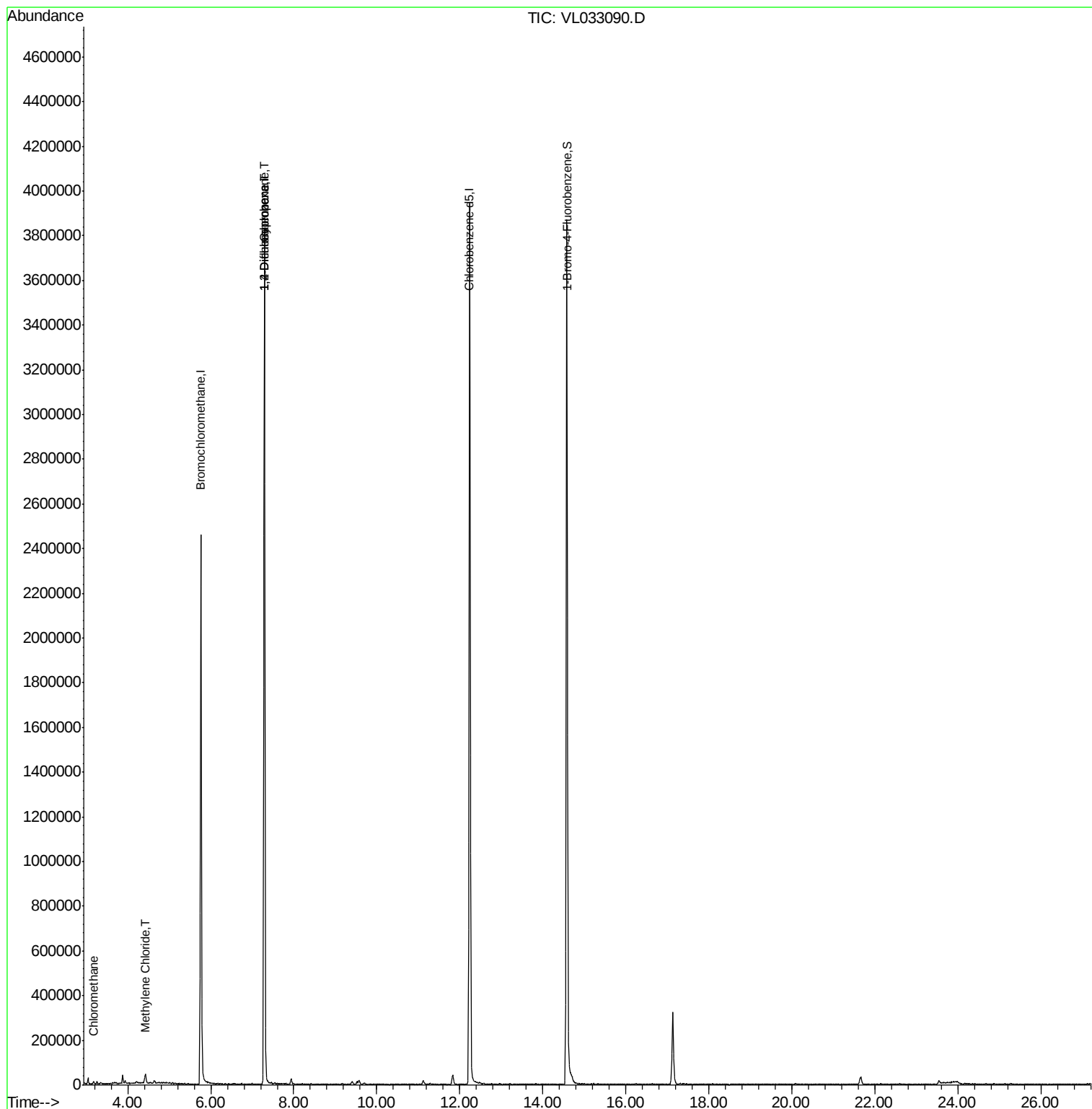
Target Compounds						Qvalue
4) Chloromethane	3.18	50	9001	0.128	ppbv	93
20) Methylene Chloride	4.40	84	2503	0.040	ppbv #	70
30) Cyclohexane	7.27	84	4832	0.054	ppbv #	1
39) 1,2-Dichloropropane	7.29	63	668486	7.942	ppbv #	23

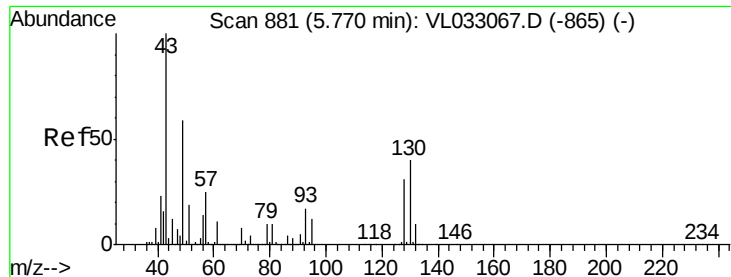
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.76 min Scan# 879

Delta R.T. -0.00 min

Lab File: VL033090.D

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Instrument :

MSVOA_L

ClientSampleId :

QC010919 CAN 10295

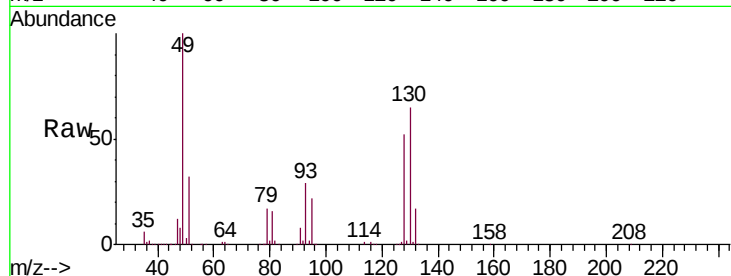
Tgt Ion: 49 Resp: 1084439

Ion Ratio Lower Upper

49 100

128 53.5 26.2 78.5

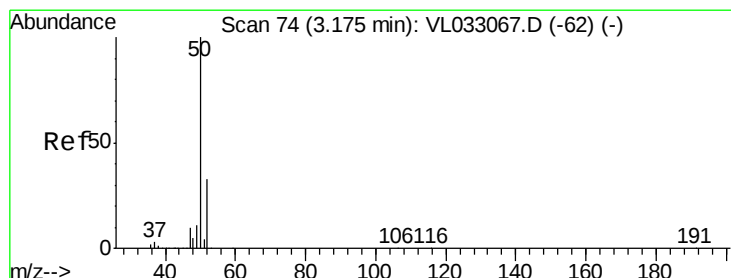
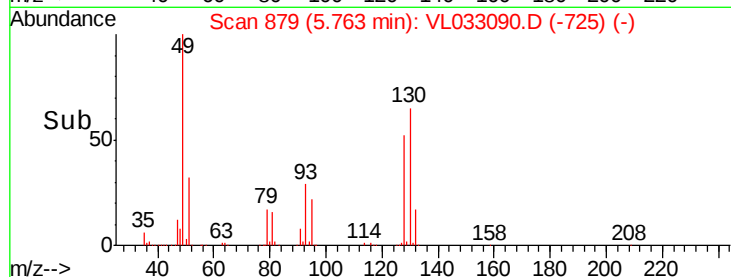
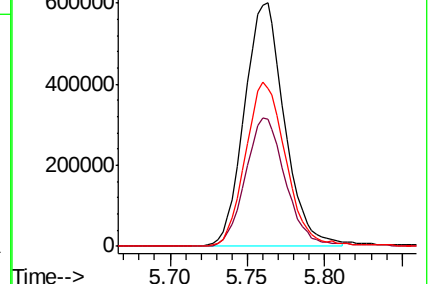
130 68.5 33.6 100.6



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



#4

Chloromethane

Concen: 0.128 ppbv

RT: 3.18 min Scan# 75

Delta R.T. 0.01 min

Lab File: VL033090.D

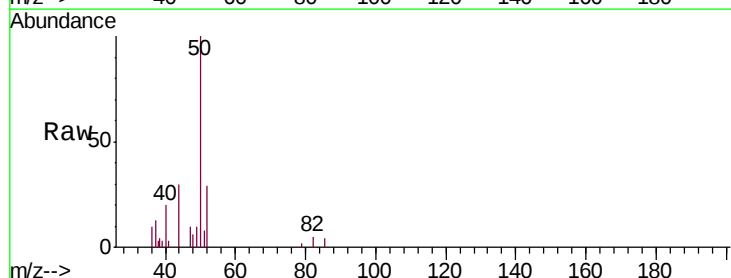
Acq: 16 Jan 2019 12:29

Tgt Ion: 50 Resp: 9001

Ion Ratio Lower Upper

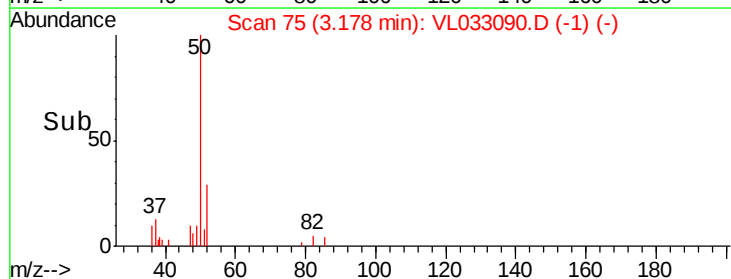
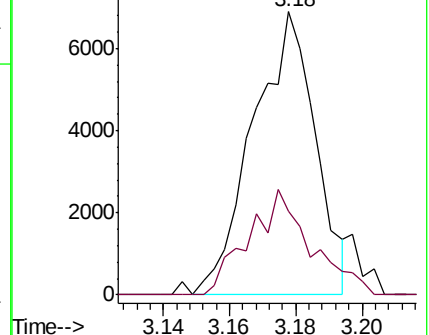
50 100

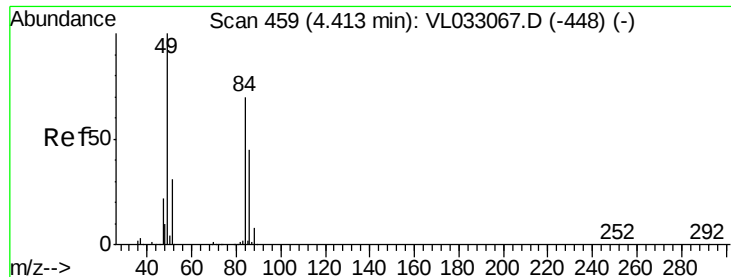
52 29.4 26.9 40.3



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0

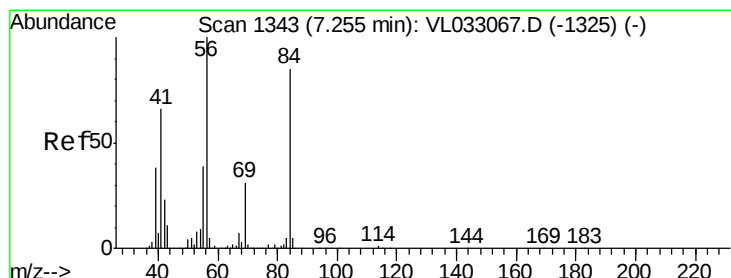
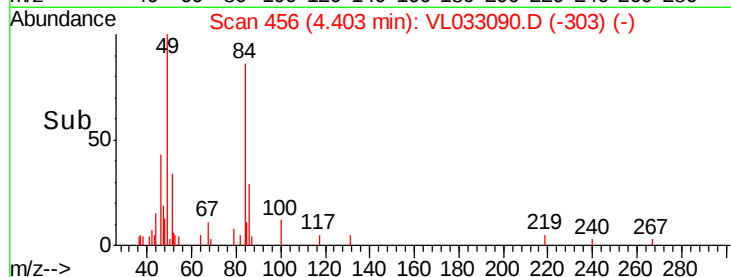
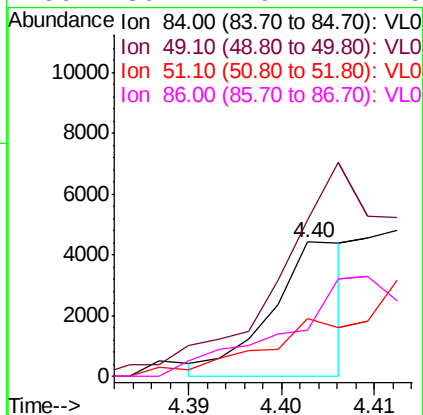
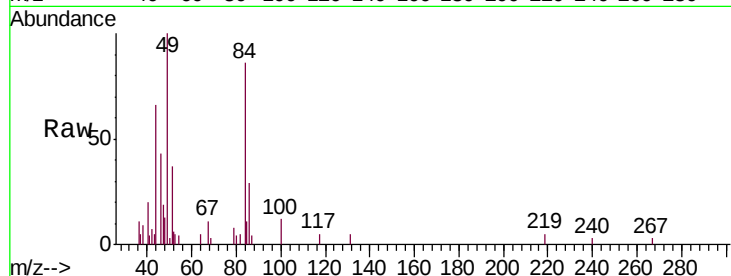




#20
Methylene Chloride
Concen: 0.040 ppbv
RT: 4.40 min Scan# 456
Delta R.T. -0.01 min
Lab File: VL033090.D
Acq: 16 Jan 2019 12:29

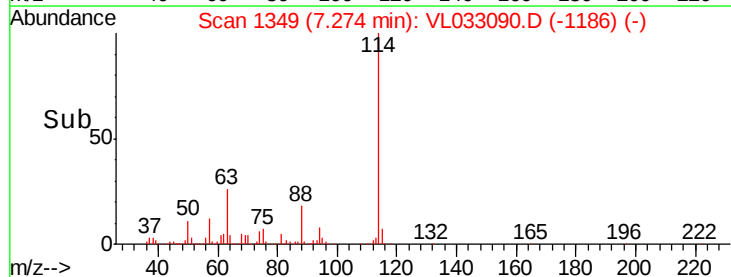
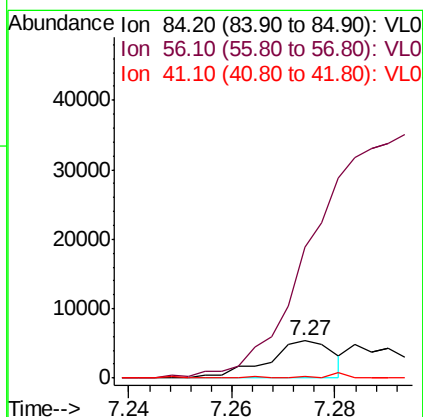
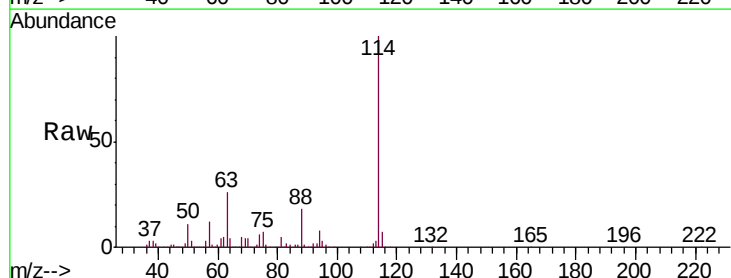
Instrument :
MSVOA_L
ClientSampleId :
QC010919 CAN 10295

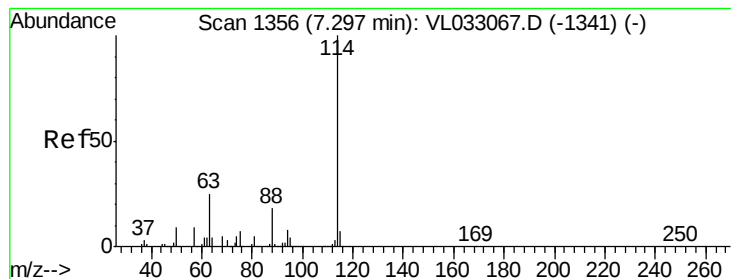
Tgt Ion: 84 Resp: 2503
Ion Ratio Lower Upper
84 100
49 103.7 115.8 173.6#
51 42.4 35.7 53.5
86 30.1 49.7 74.5#



#30
Cyclohexane
Concen: 0.054 ppbv
RT: 7.27 min Scan# 1349
Delta R.T. 0.03 min
Lab File: VL033090.D
Acq: 16 Jan 2019 12:29

Tgt Ion: 84 Resp: 4832
Ion Ratio Lower Upper
84 100
56 0.0 101.8 152.6#
41 3.0 63.2 94.8#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.29 min Scan# 1354

Delta R.T. -0.01 min

Lab File: VL033090.D

Acq: 16 Jan 2019 12:29

Instrument :

MSVOA_L

ClientSampleId :

QC010919 CAN 10295

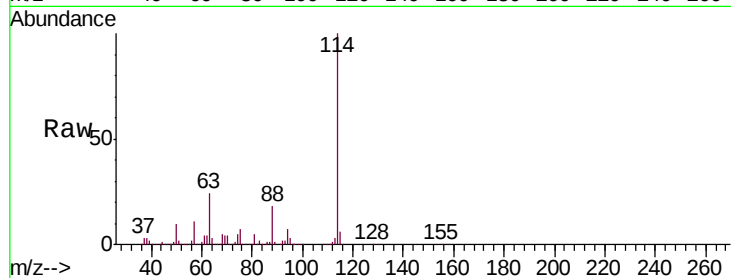
Tgt Ion:114 Resp: 2735384

Ion Ratio Lower Upper

114 100

63 24.6 20.1 30.1

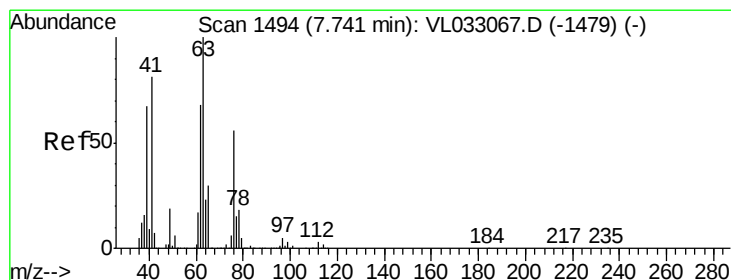
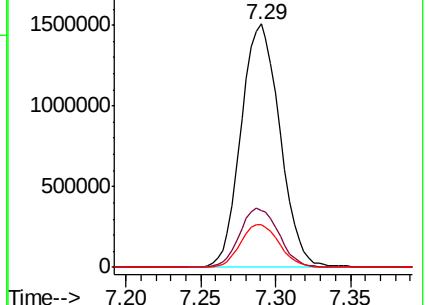
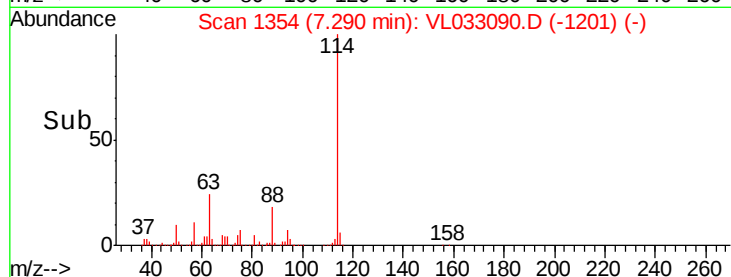
88 17.7 14.0 21.0



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: 7.942 ppbv

RT: 7.29 min Scan# 1353

Delta R.T. -0.46 min

Lab File: VL033090.D

Acq: 16 Jan 2019 12:29

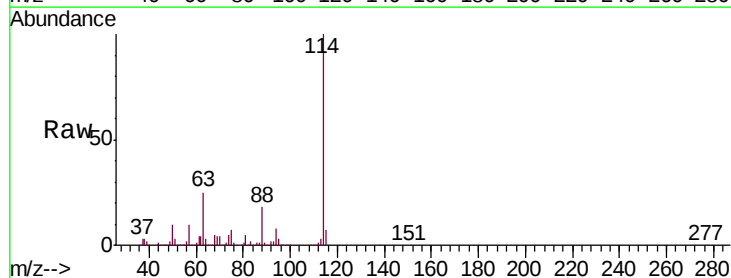
Tgt Ion: 63 Resp: 668486

Ion Ratio Lower Upper

63 100

41 0.0 61.9 92.9#

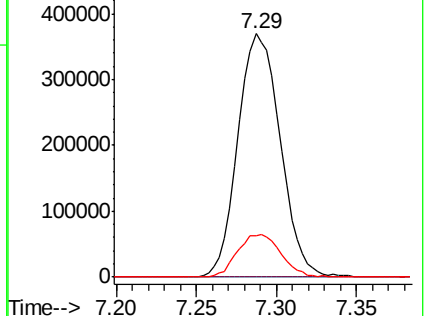
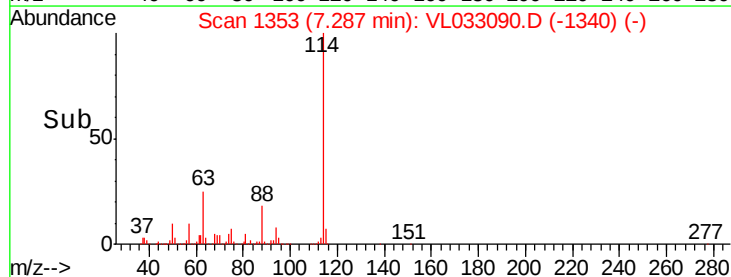
62 17.1 55.8 83.6#

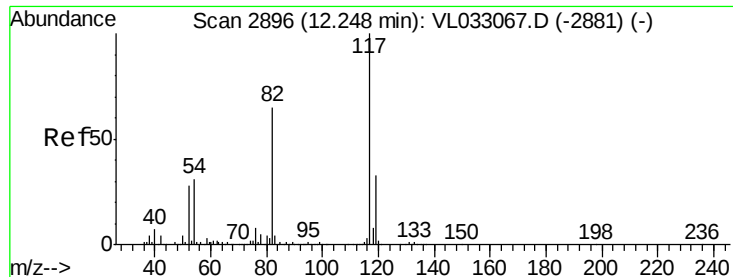


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0

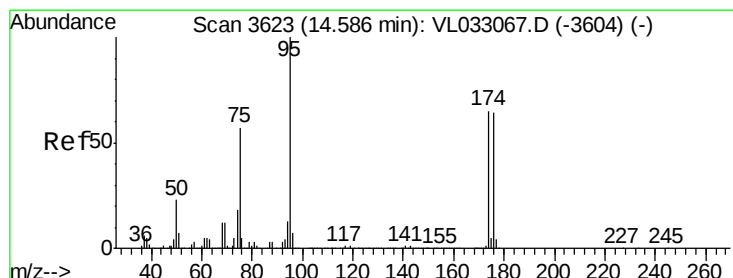
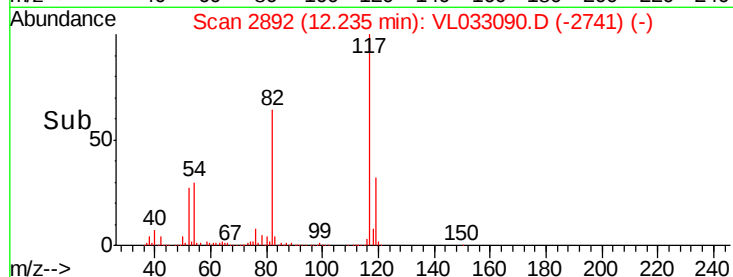
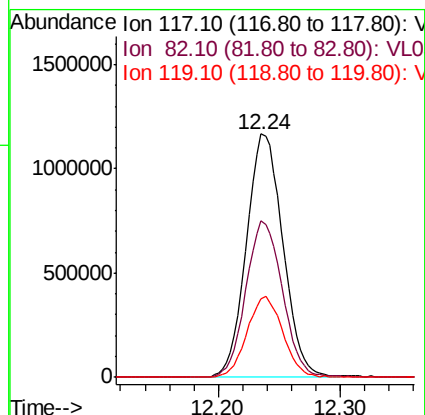
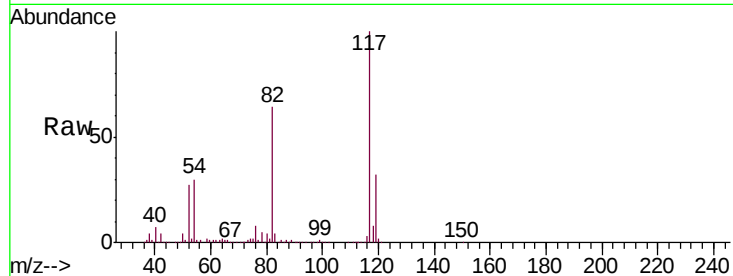




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2892
Delta R.T. -0.01 min
Lab File: VL033090.D
Acq: 16 Jan 2019 12:29

Instrument :
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Tgt Ion: 117 Resp: 2408734
Ion Ratio Lower Upper
117 100
82 65.1 48.9 73.3
119 32.7 24.6 37.0



#68
1-Bromo-4-Fluorobenzene
Concen: 9.716 ppbv
RT: 14.57 min Scan# 3619
Delta R.T. -0.01 min
Lab File: VL033090.D
Acq: 16 Jan 2019 12:29

Tgt Ion: 95 Resp: 1793984
Ion Ratio Lower Upper
95 100
174 65.4 51.9 77.9
175 4.8 3.9 5.9

