

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

Data File : VL033895.D
Acq On : 7 Jun 2019 18:59
Operator : SY/AP
Sample : CAN 10758
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
CAN 10758

Quant Time: Jun 08 04:20:57 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.75	49	773996	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.27	114	1728344	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.22	117	1750295	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.56	95	1427650	9.93	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.30%

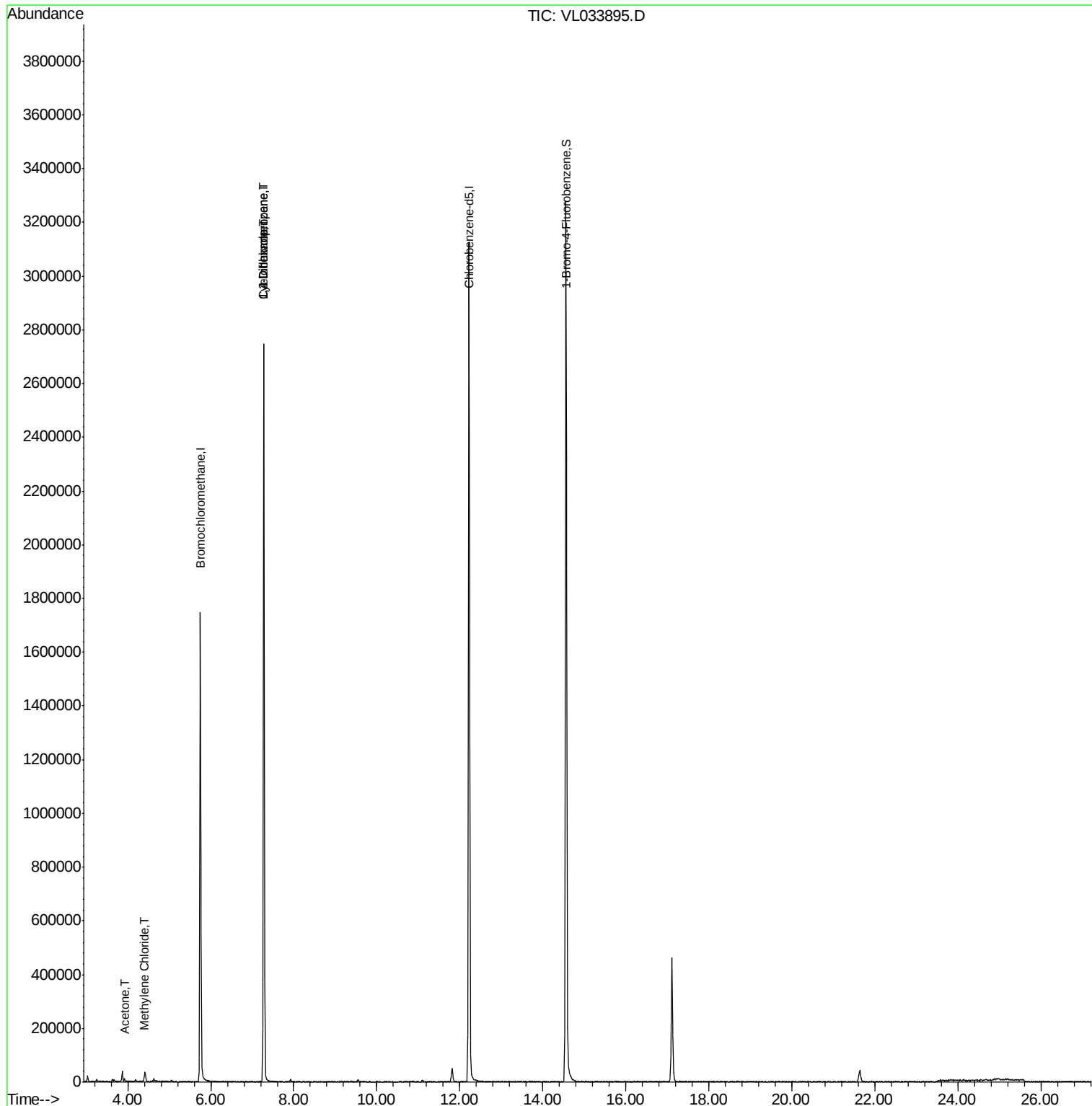
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Acetone	3.92	43	7628	0.068	ppbv #	67
20) Methylene Chloride	4.39	84	1516	0.034	ppbv #	63
30) Cyclohexane	7.26	84	5618	0.102	ppbv #	1
39) 1,2-Dichloropropane	7.28	63	472353	9.270	ppbv #	26

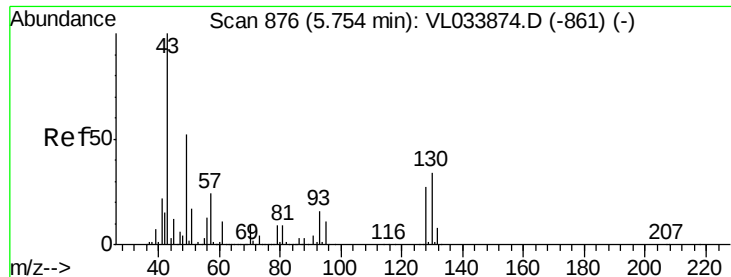
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

Lab File: VL033895.D

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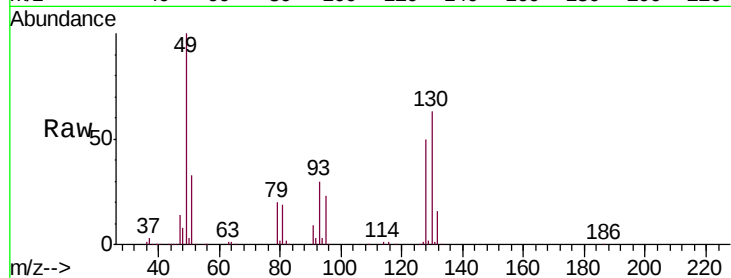
Tgt Ion: 49 Resp: 773996

Ion Ratio Lower Upper

49 100

128 48.6 25.5 76.5

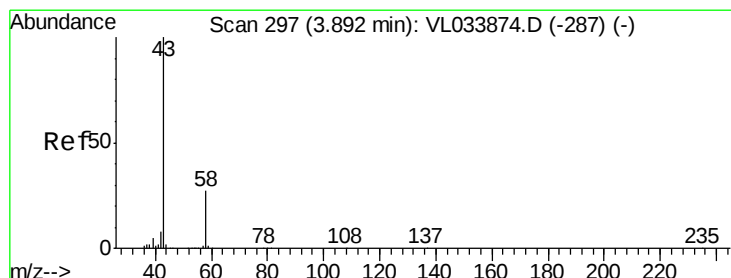
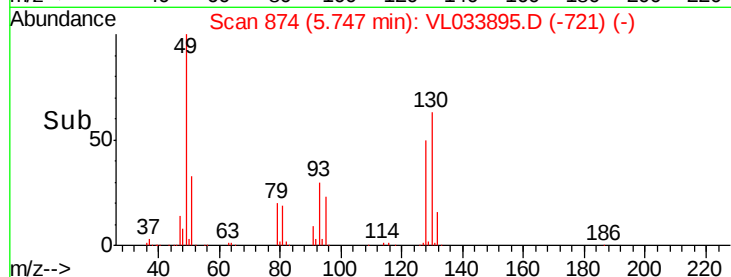
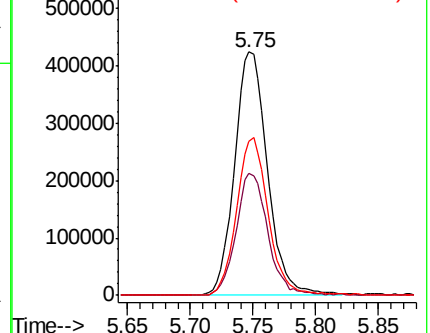
130 62.6 32.5 97.4



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



#15

Acetone

Concen: 0.068 ppbv

RT: 3.92 min Scan# 305

Delta R.T. 0.03 min

Lab File: VL033895.D

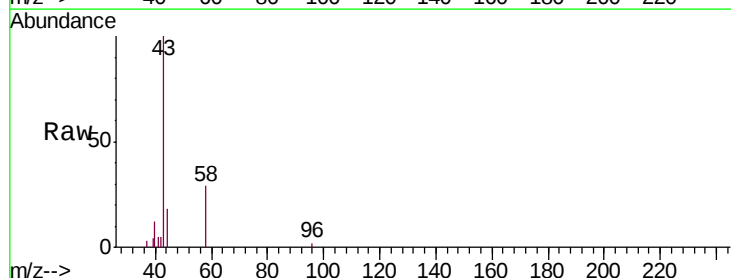
Acq: 7 Jun 2019 18:59

Tgt Ion: 43 Resp: 7628

Ion Ratio Lower Upper

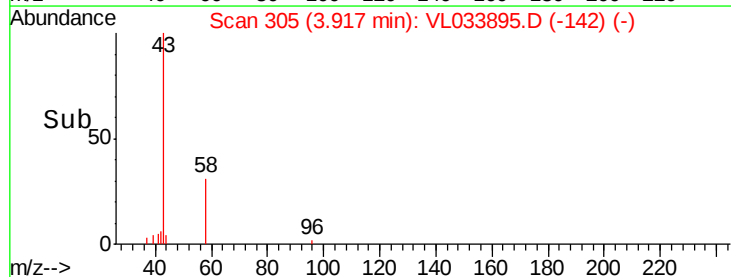
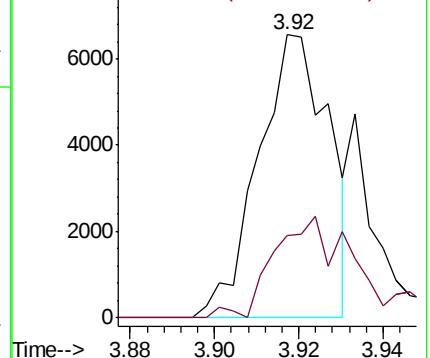
43 100

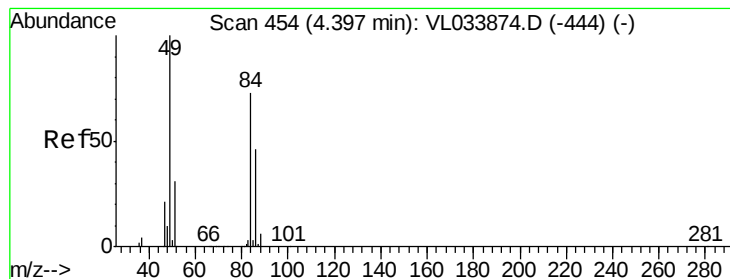
58 43.8 21.3 31.9#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





#20

Methylene Chloride

Concen: 0.034 ppbv

RT: 4.39 min Scan# 452

Delta R.T. -0.01 min

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Acq: 7 Jun 2019 18:59

Instrument :

MSVOA_L

ClientSampleId :

CAN 10758

Tgt Ion: 84 Resp: 1516

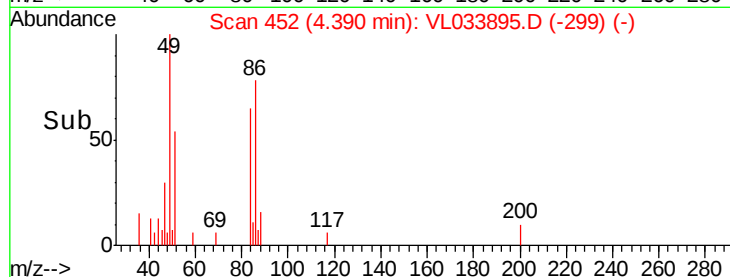
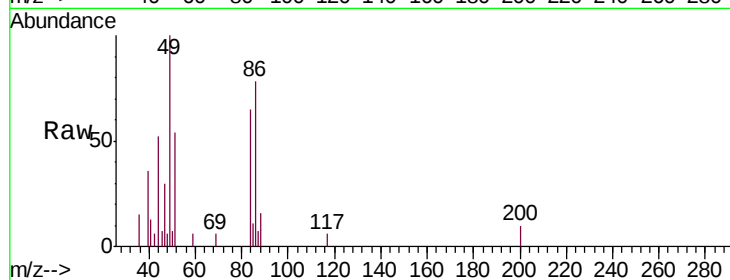
Ion Ratio Lower Upper

84 100

49 102.8 110.0 165.0#

51 70.7 34.6 51.8#

86 101.5 50.6 75.8#

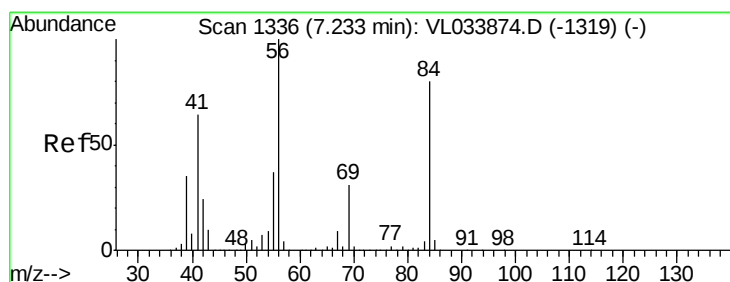
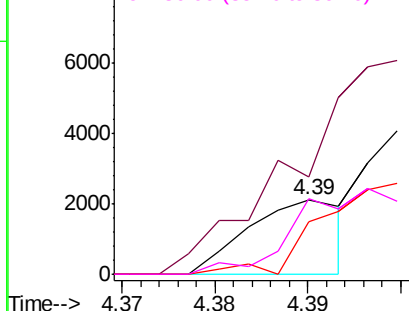


Abundance Ion 84.00 (83.70 to 84.70): VL0

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



#30

Cyclohexane

Concen: 0.102 ppbv

RT: 7.26 min Scan# 1346

Delta R.T. 0.03 min

Lab File: VL033895.D

Acq: 7 Jun 2019 18:59

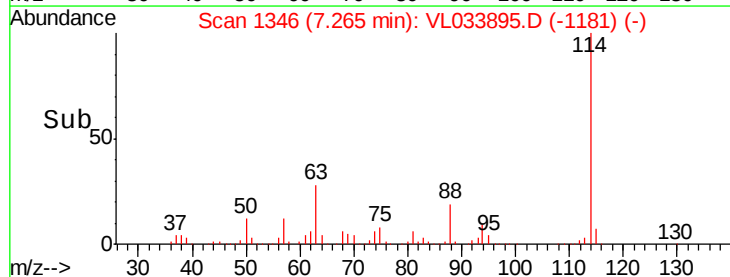
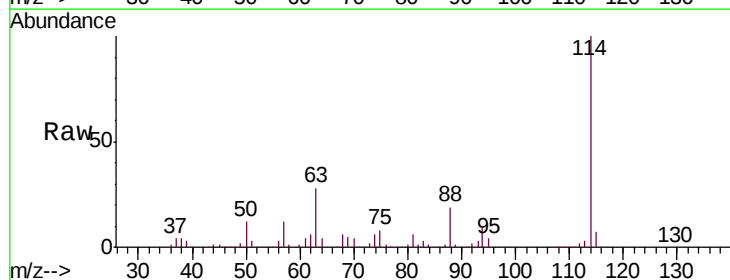
Tgt Ion: 84 Resp: 5618

Ion Ratio Lower Upper

84 100

56 0.0 105.8 158.8#

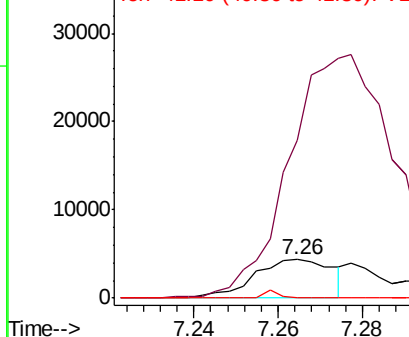
41 0.0 65.7 98.5#

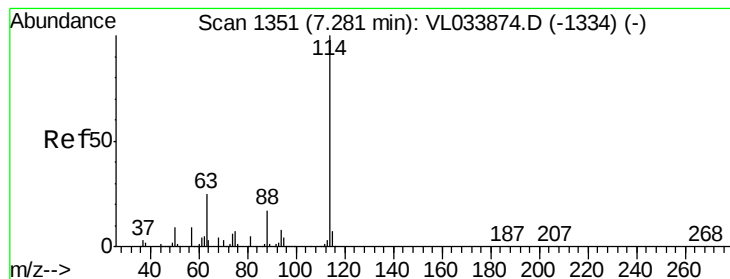


Abundance Ion 84.20 (83.90 to 84.90): VL0

Ion 56.10 (55.80 to 56.80): VL0

Ion 41.10 (40.80 to 41.80): VL0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.27 min Scan# 1349

Delta R.T. -0.01 min

Lab File: VL033895.D

Acq: 7 Jun 2019 18:59

Instrument :

MSVOA_L

ClientSampleId :

CAN 10758

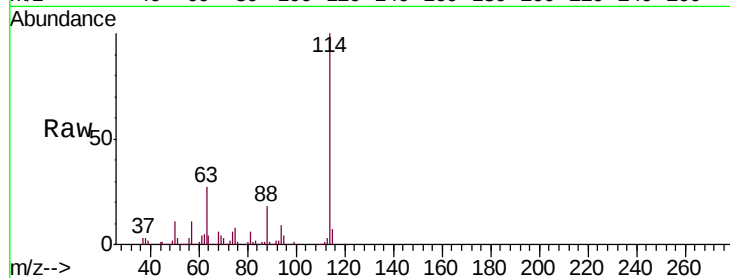
Tgt Ion:114 Resp: 1728344

Ion Ratio Lower Upper

114 100

63 27.5 21.1 31.7

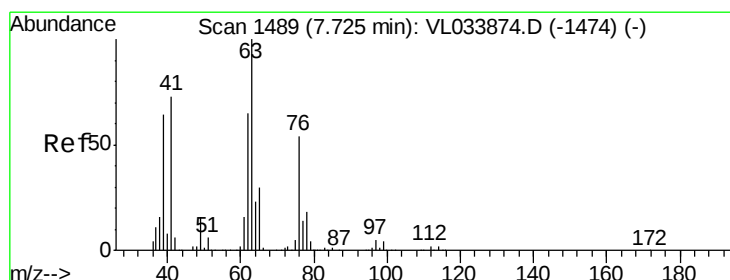
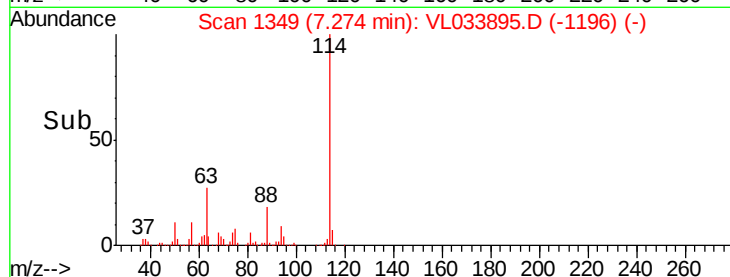
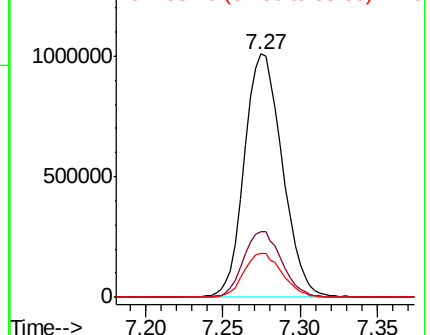
88 18.2 14.2 21.4



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: 9.270 ppbv

RT: 7.28 min Scan# 1350

Delta R.T. -0.45 min

Lab File: VL033895.D

Acq: 7 Jun 2019 18:59

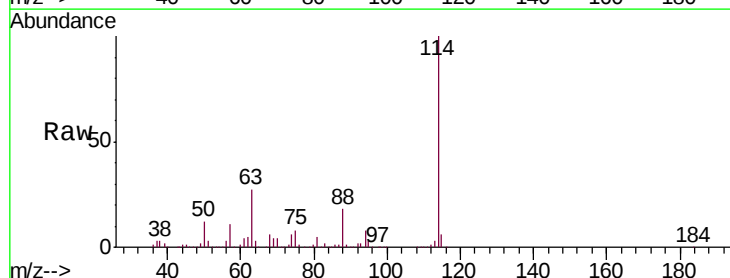
Tgt Ion: 63 Resp: 472353

Ion Ratio Lower Upper

63 100

41 0.0 58.7 88.1#

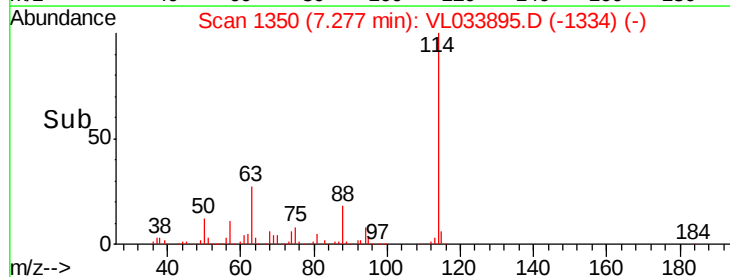
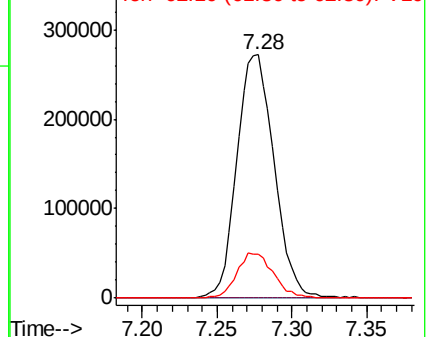
62 18.1 51.9 77.9#

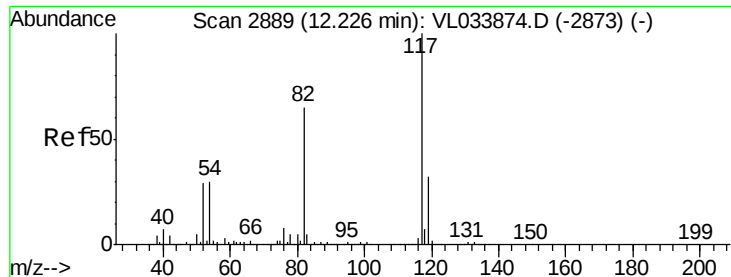


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0

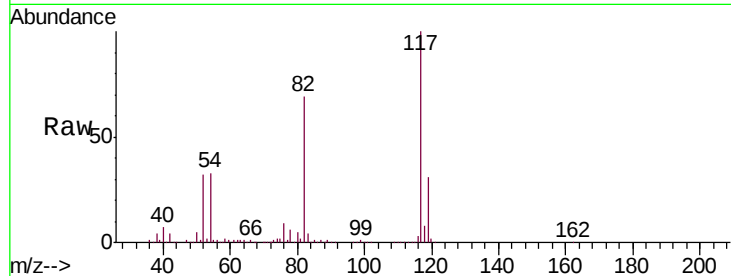




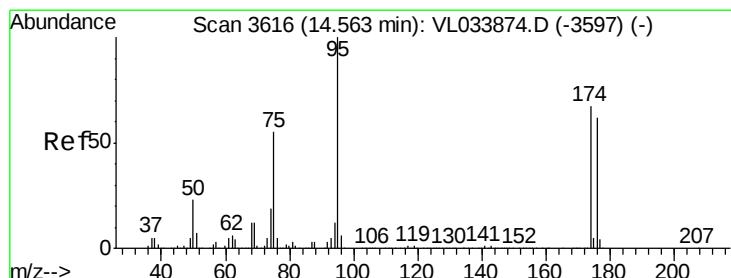
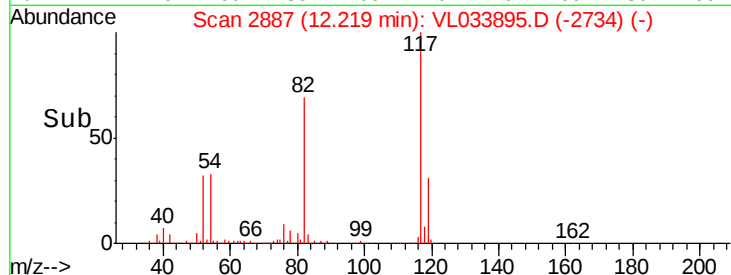
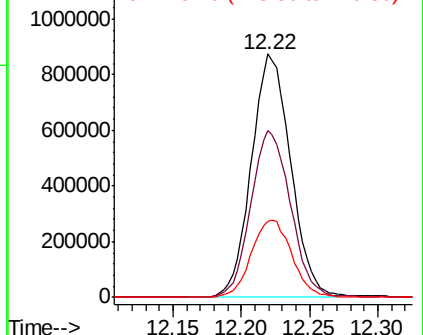
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.22 min Scan# 2887
Delta R.T. -0.01 min
Lab File: VL033895.D
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MSVOA_L
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CAN 10758

Tgt Ion: 117 Resp: 1750295
Ion Ratio Lower Upper
117 100
82 69.7 50.2 75.2
119 32.8 24.8 37.2

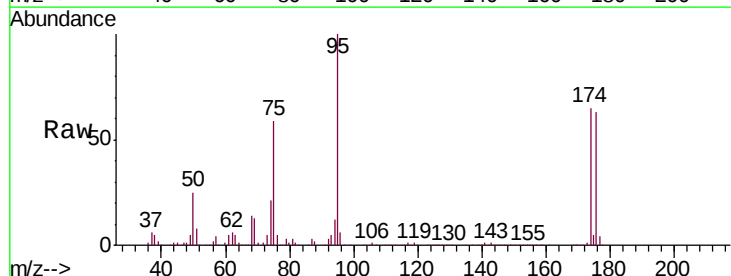


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 9.930 ppbv
RT: 14.56 min Scan# 3614
Delta R.T. -0.01 min
Lab File: VL033895.D
Acq: 7 Jun 2019 18:59

Tgt Ion: 95 Resp: 1427650
Ion Ratio Lower Upper
95 100
174 65.8 54.0 81.0
175 4.6 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

