

Data File : VL034854.D
Acq On : 10 Mar 2020 1:10
Operator : SY/AP
Sample : CAN 10326
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
CAN 10326

Quant Time: Mar 10 09:38:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030920AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Mon Mar 09 16:42:53 2020
QLast Update : Mon Mar 09 16:42:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	882281	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	1979183	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	1919524	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	1541327	10.30	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.00%

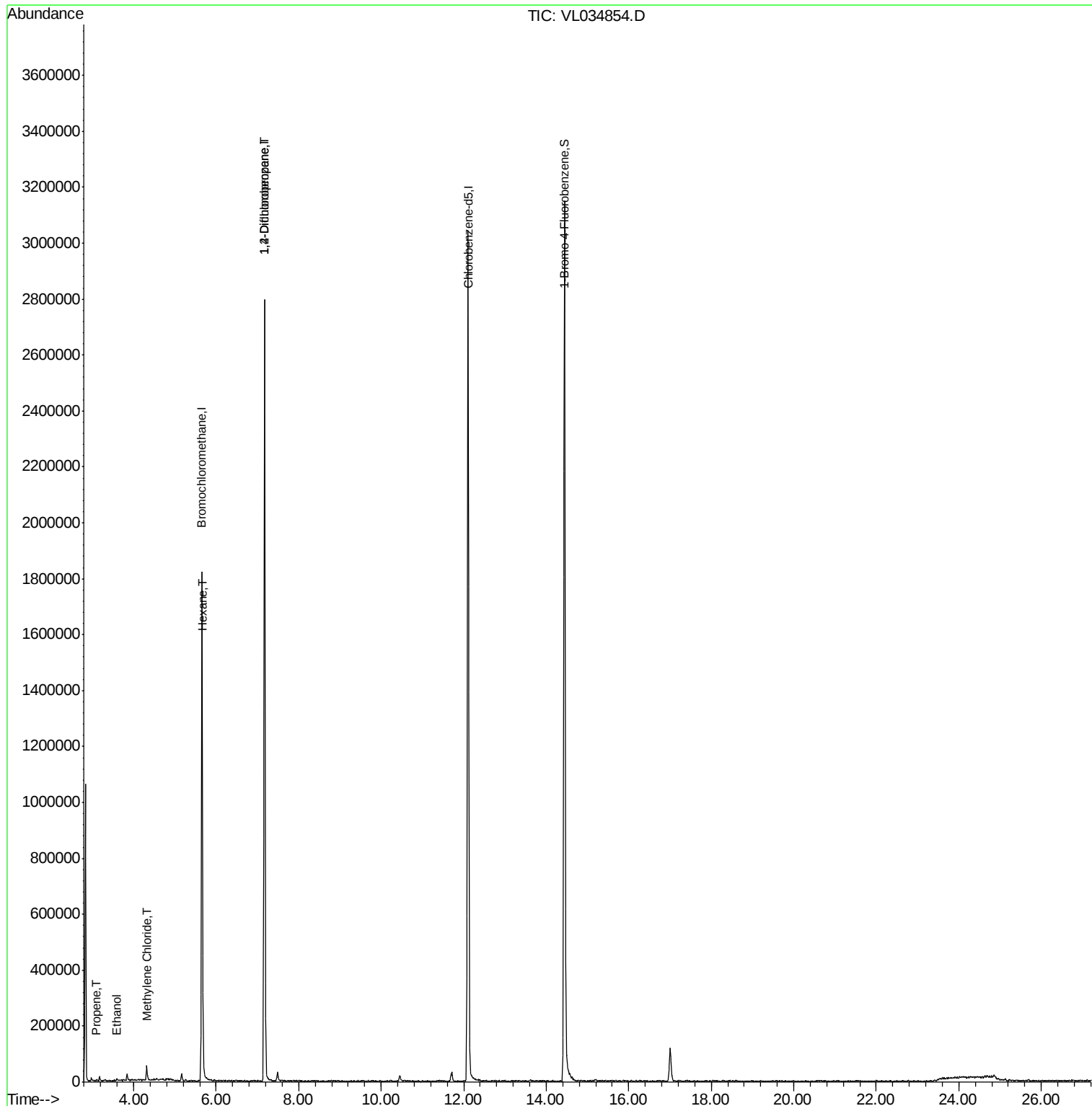
Target Compounds						Qvalue
9) Propene	3.11	41	829	0.018	ppbv	96
13) Ethanol	3.57	45	221	0.015	ppbv #	35
20) Methylene Chloride	4.32	84	3830	0.106	ppbv	94
26) Hexane	5.67	57	3422	0.039	ppbv #	1
39) 1,2-Dichloropropane	7.17	63	513721	7.350	ppbv #	23

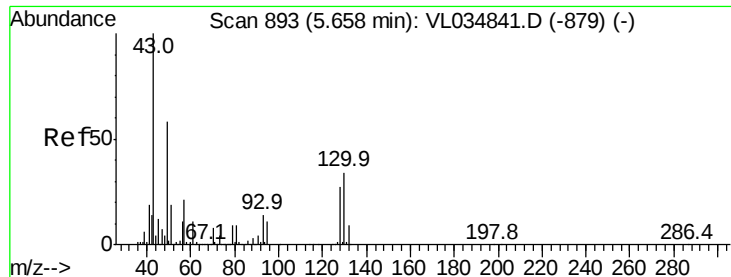
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 891

Delta R.T. -0.01 min

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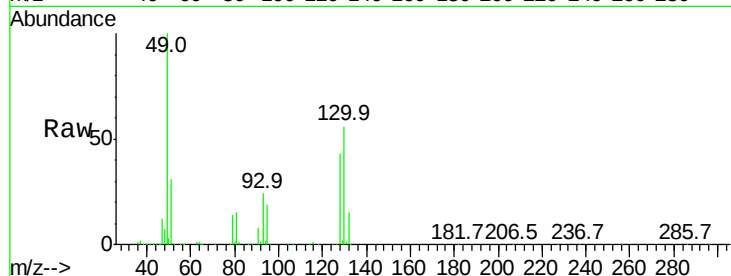
Tgt Ion: 49 Resp: 882281

Ion Ratio Lower Upper

49 100

128 47.3 23.4 70.3

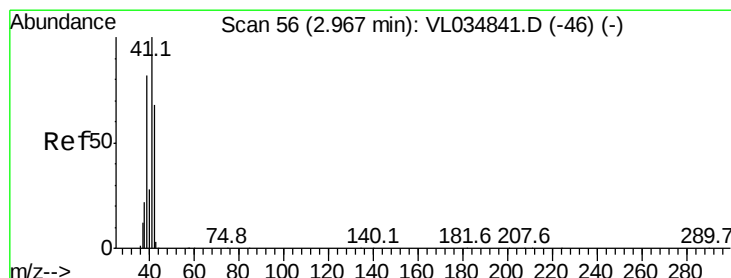
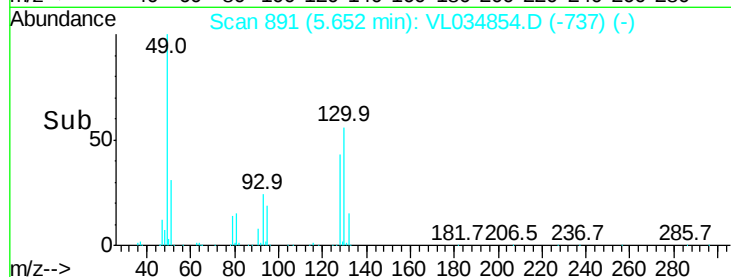
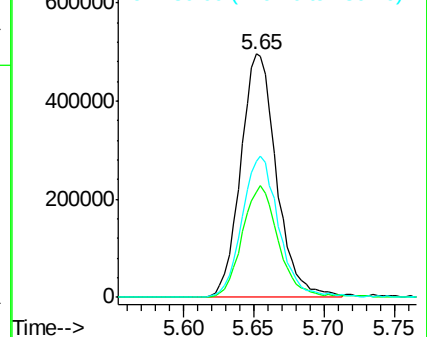
130 59.6 30.0 90.0



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



#9

Propene

Concen: 0.018 ppbv

RT: 3.11 min Scan# 100

Delta R.T. 0.14 min

Lab File: VL034854.D

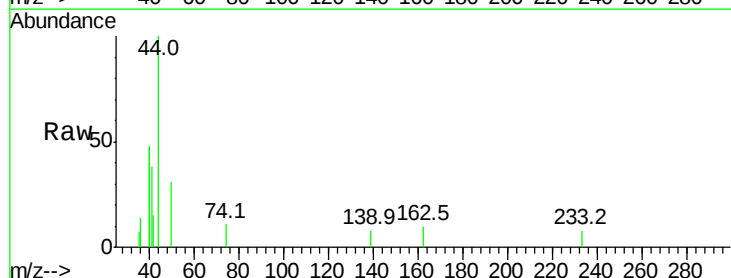
Acq: 10 Mar 2020 1:10

Tgt Ion: 41 Resp: 829

Ion Ratio Lower Upper

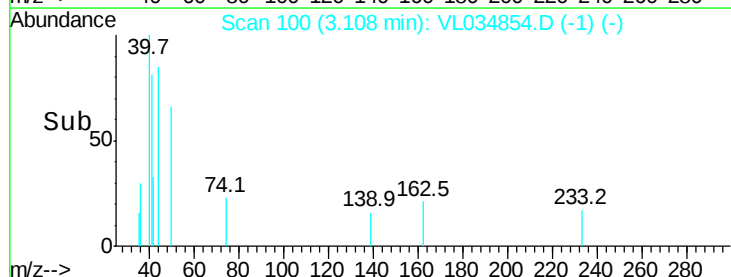
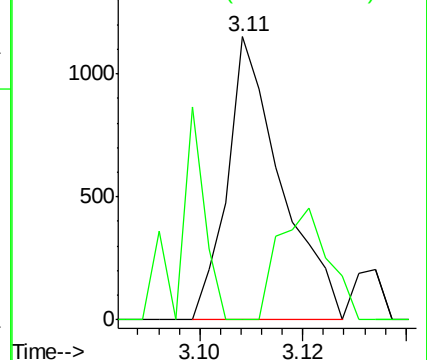
41 100

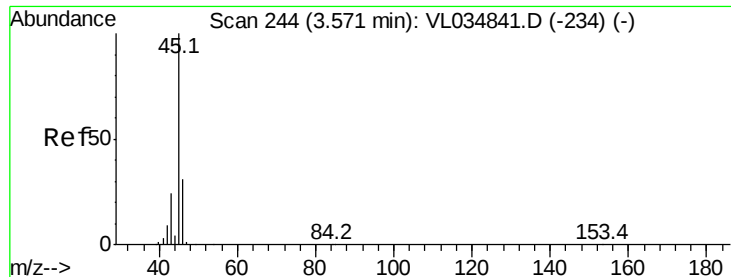
42 72.1 55.2 82.8



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





#13

Ethanol

Concen: 0.015 ppbv

RT: 3.57 min Scan# 243

Delta R.T. -0.00 min

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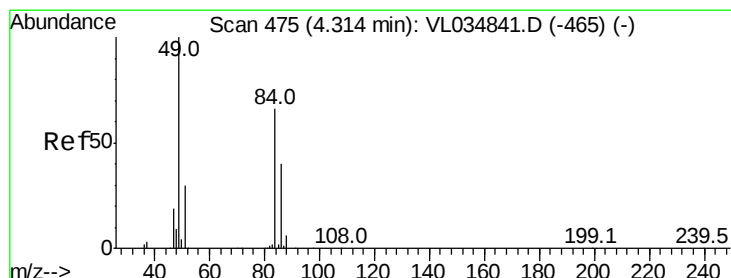
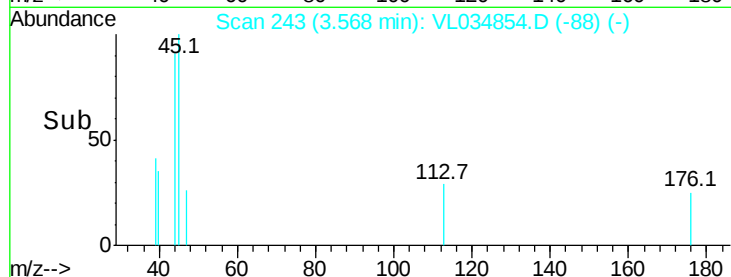
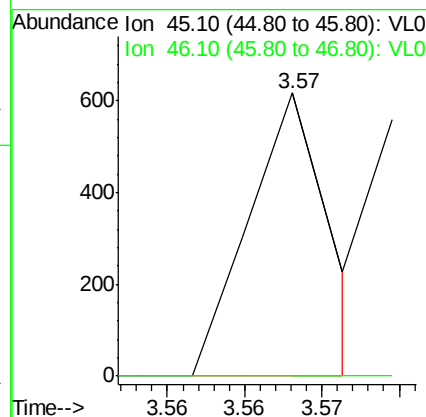
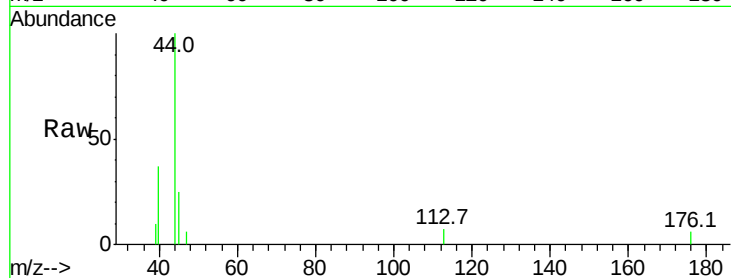
CAN 10326

Tgt Ion: 45 Resp: 221

Ion Ratio Lower Upper

45 100

46 0.0 16.0 64.0#



#20

Methylene Chloride

Concen: 0.106 ppbv

RT: 4.32 min Scan# 478

Delta R.T. 0.01 min

Lab File: VL034854.D

Acq: 10 Mar 2020 1:10

Tgt Ion: 84 Resp: 3830

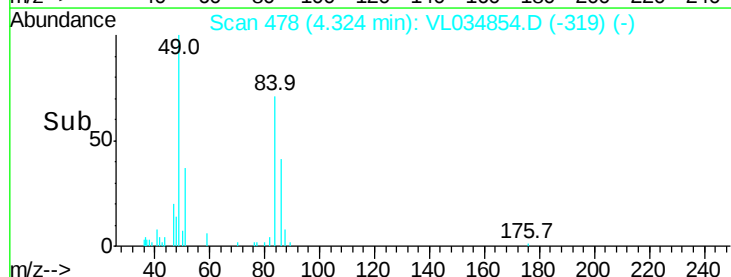
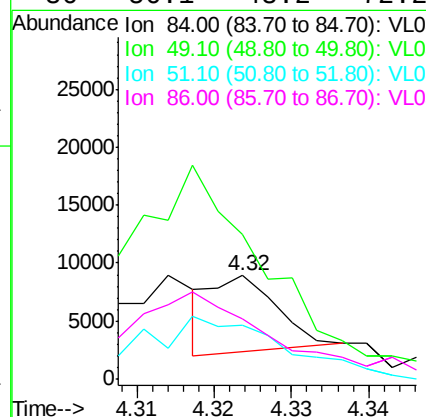
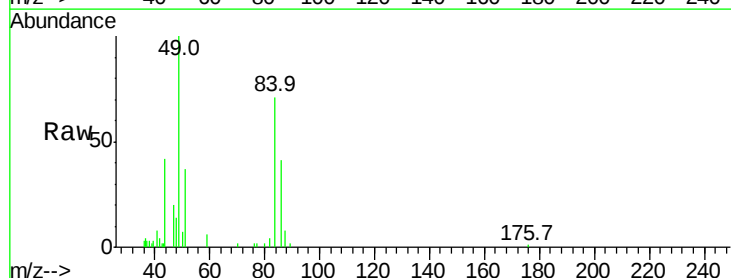
Ion Ratio Lower Upper

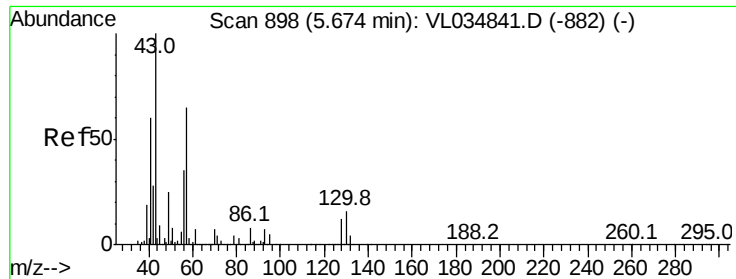
84 100

49 159.1 121.5 182.3

51 51.5 36.6 55.0

86 56.1 48.2 72.2

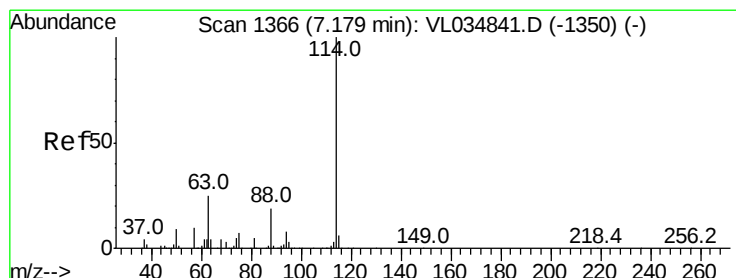
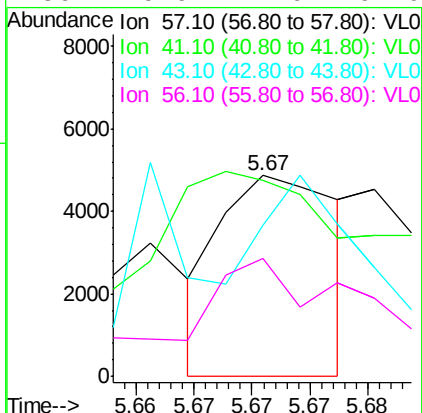
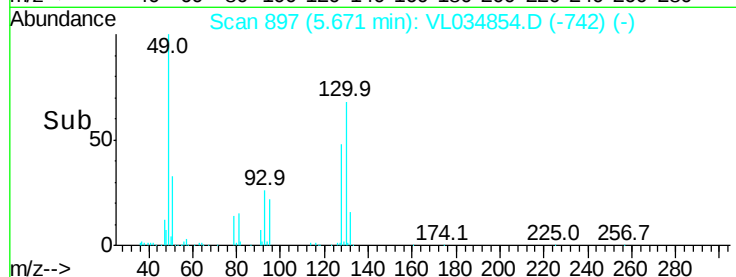
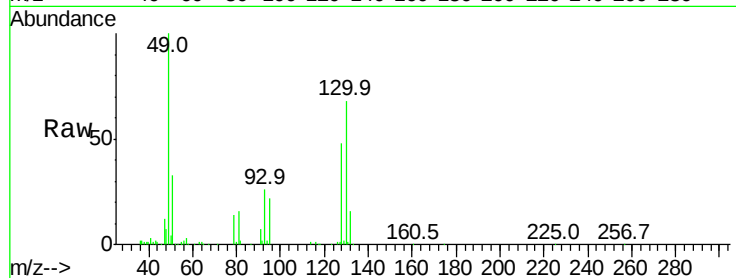




#26
Hexane
Concen: 0.039 ppbv
RT: 5.67 min Scan# 897
Delta R.T. -0.00 min
Lab File: VL034854.D
Acq: 10 Mar 2020 1:10

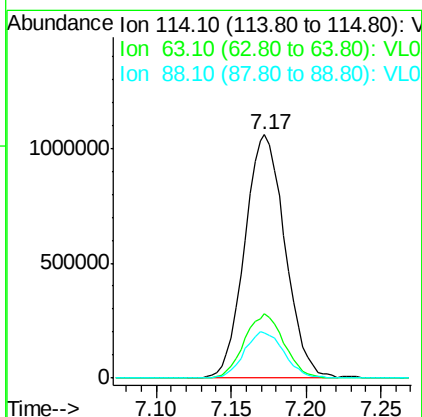
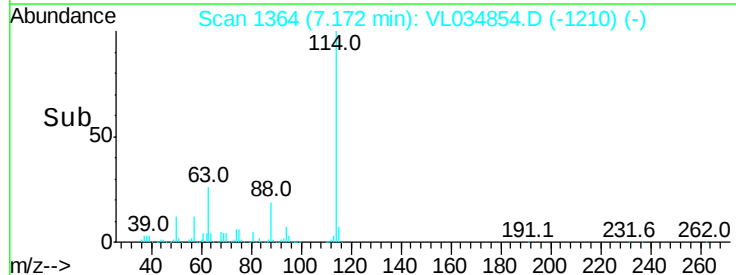
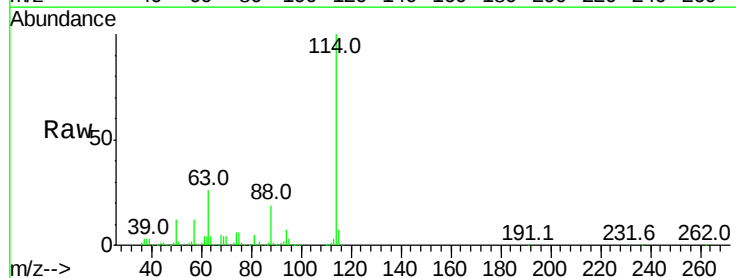
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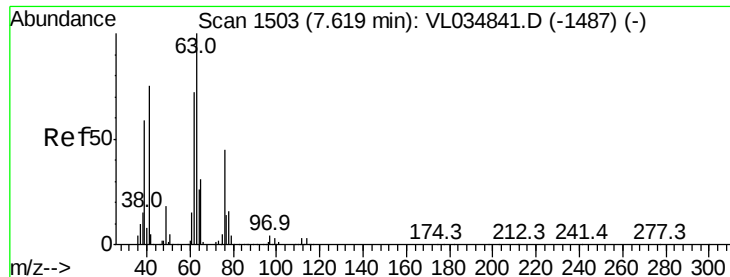
Tgt Ion: 57 Resp: 3422
Ion Ratio Lower Upper
57 100
41 235.6 72.6 109.0#
43 0.0 183.8 275.6#
56 116.6 41.9 62.9#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1364
Delta R.T. -0.01 min
Lab File: VL034854.D
Acq: 10 Mar 2020 1:10

Tgt Ion: 114 Resp: 1979183
Ion Ratio Lower Upper
114 100
63 26.2 20.6 31.0
88 19.1 15.0 22.6





#39

1,2-Dichloropropane

Concen: 7.350 ppbv

RT: 7.17 min Scan# 1364

Delta R.T. -0.45 min

Lab File: VL034854.D

Acq: 10 Mar 2020 1:10

Instrument :

MSVOA_L

ClientSampleId :

CAN 10326

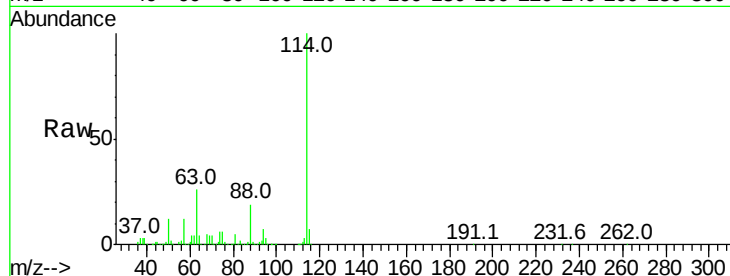
Tgt Ion: 63 Resp: 513721

Ion Ratio Lower Upper

63 100

41 0.0 59.8 89.8#

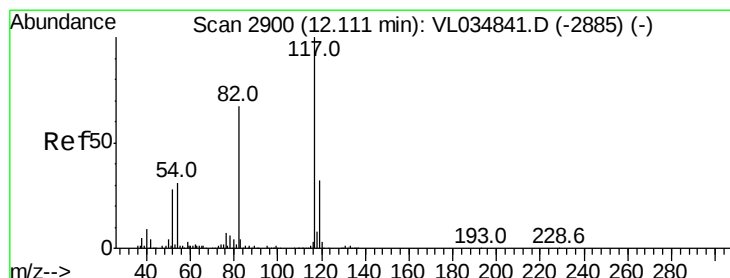
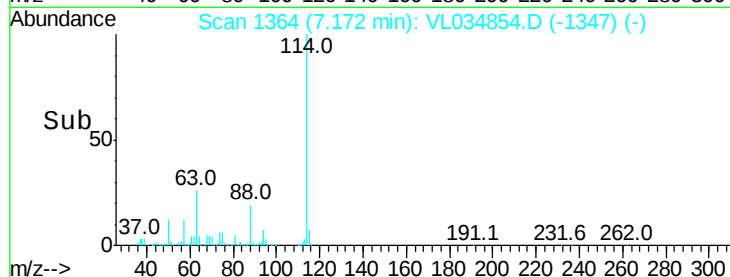
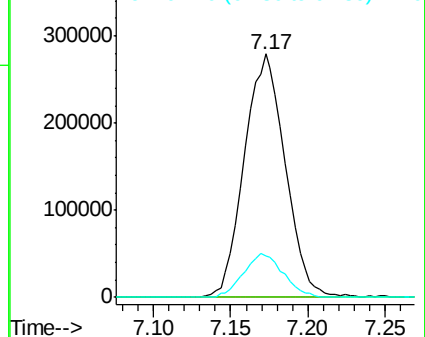
62 17.0 57.6 86.4#



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: 12.11 min Scan# 2899

Delta R.T. -0.00 min

Lab File: VL034854.D

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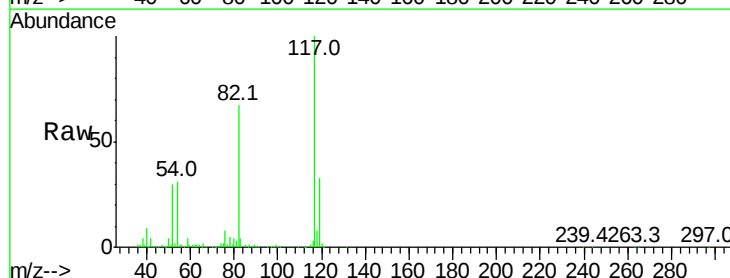
Tgt Ion: 117 Resp: 1919524

Ion Ratio Lower Upper

117 100

82 68.3 51.1 76.7

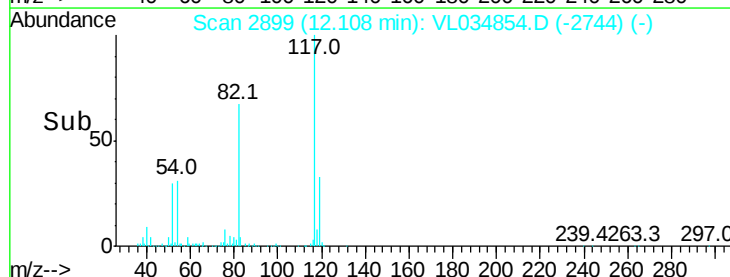
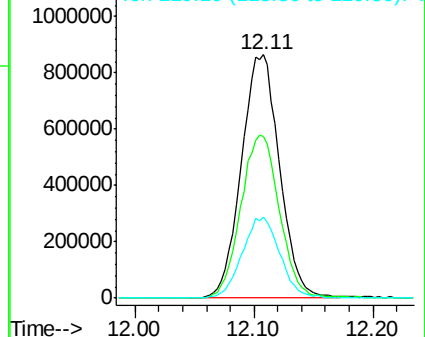
119 33.0 27.3 40.9

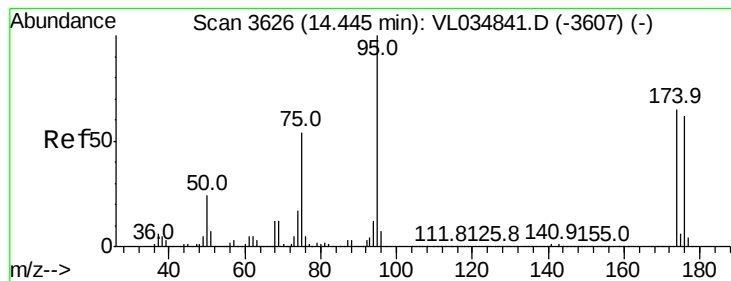


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 10.296 ppbv

RT: 14.44 min Scan# 3624

Delta R.T. -0.01 min

Lab File: VL034854.D

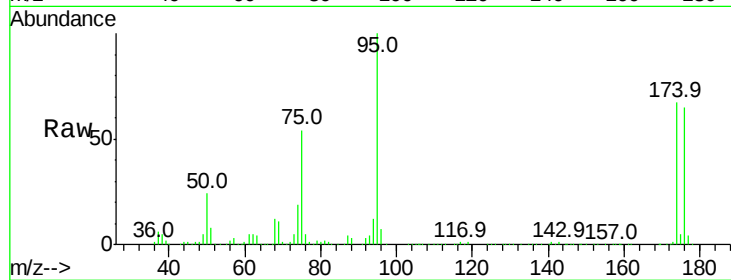
Acq: 10 Mar 2020 1:10

Instrument :

MSVOA_L

ClientSampleId :

CAN 10326



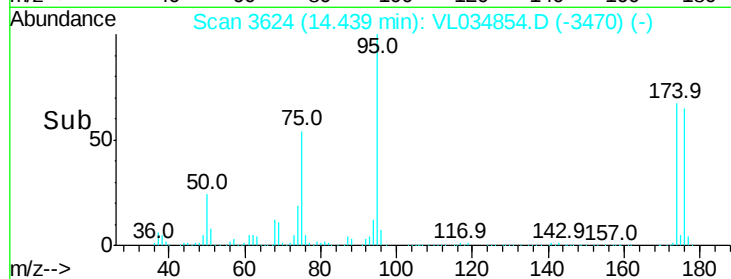
Tgt Ion: 95 Resp: 1541327

Ion Ratio Lower Upper

95 100

174 67.7 55.2 82.8

175 5.0 4.3 6.5



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

