

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030920\
Quantitation Report (Not Reviewed)

Data File : VL034855.D
Acq On : 10 Mar 2020 1:51
Operator : SY/AP
Sample : CAN 10294
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
CAN 10294

Quant Time: Mar 10 09:38:36 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	873176	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	1978446	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	1914375	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	1537945	10.30	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.00%

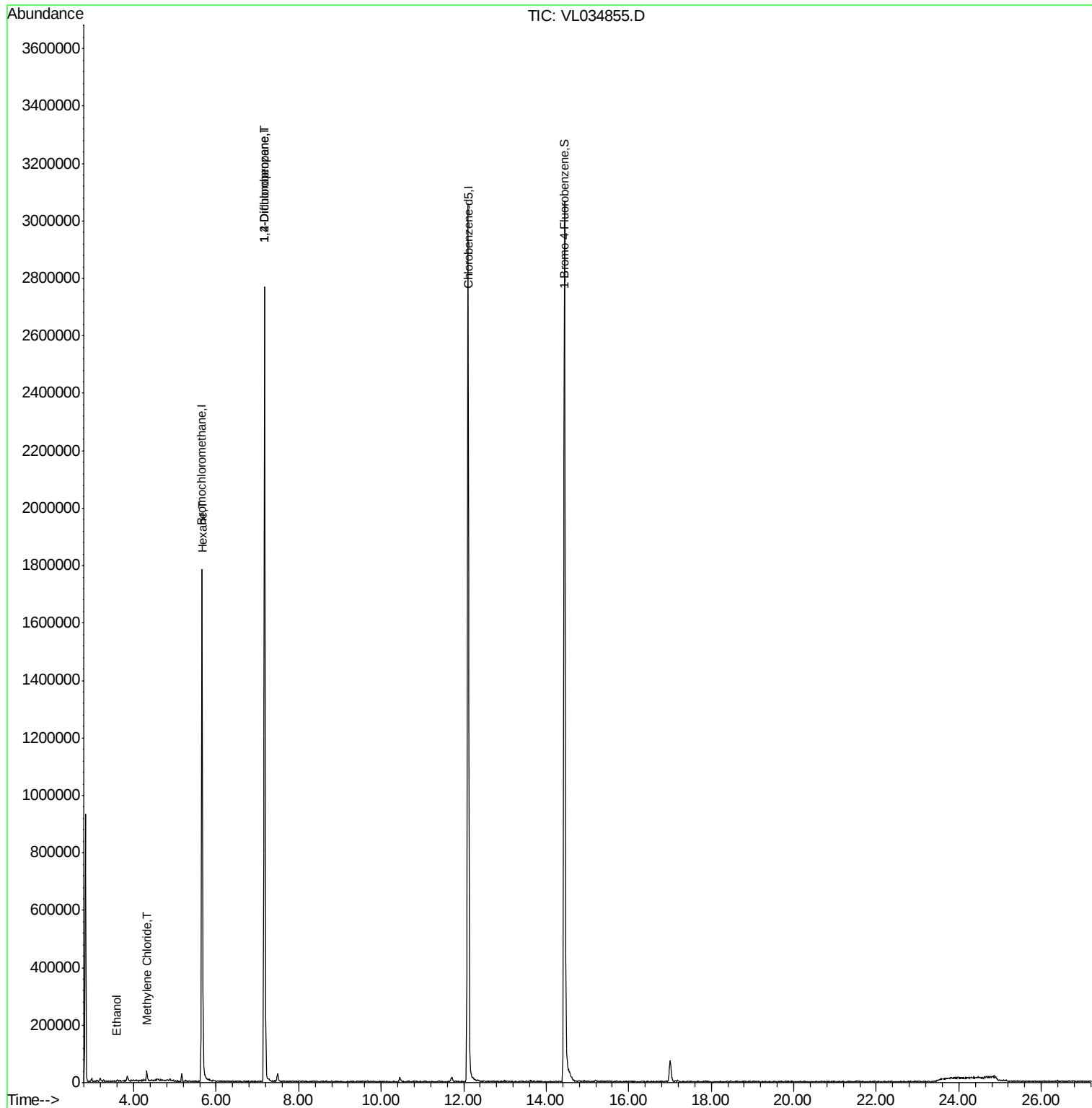
Target Compounds					Qvalue	
13) Ethanol	3.58	45	390	0.028	ppbv #	35
20) Methylene Chloride	4.31	84	5585	0.156	ppbv #	87
26) Hexane	5.67	57	1980	0.023	ppbv #	1
39) 1,2-Dichloropropane	7.17	63	514287	7.361	ppbv #	22

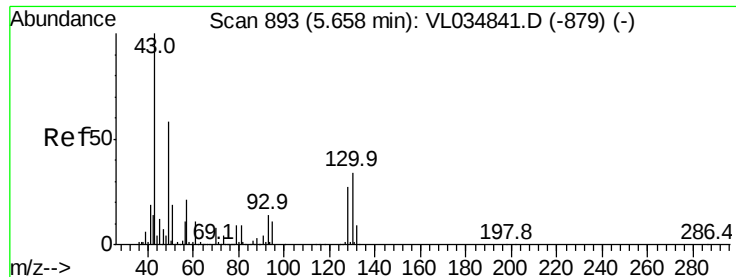
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Mar 09 16:42:53 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 892

Delta R.T. -0.00 min

Lab File: VL034855.D

Acq: 10 Mar 2020 1:51

Instrument :

MSVOA_L

ClientSampleId :

CAN 10294

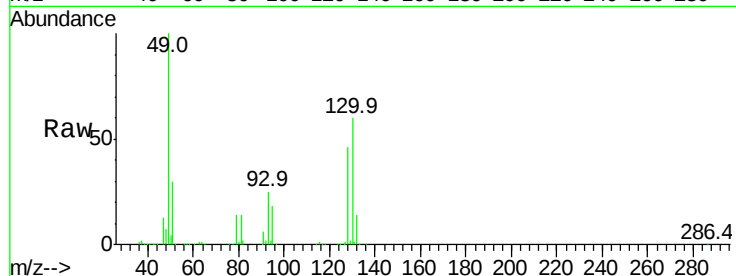
Tgt Ion: 49 Resp: 873176

Ion Ratio Lower Upper

49 100

128 45.7 23.4 70.3

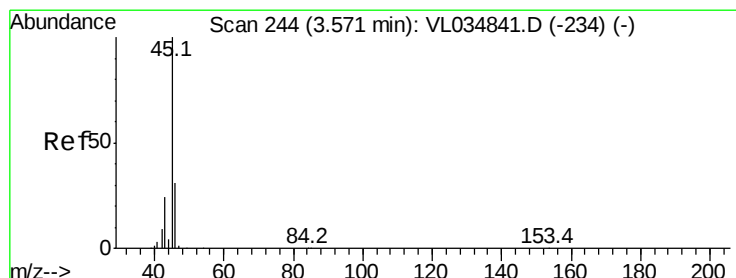
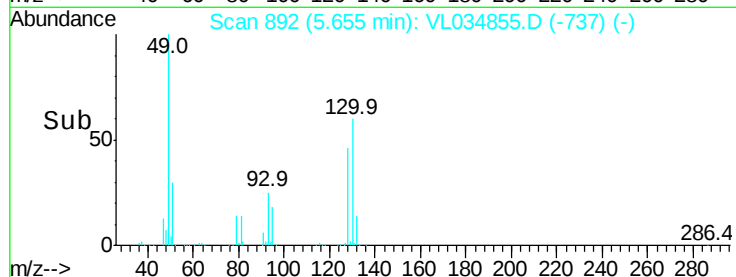
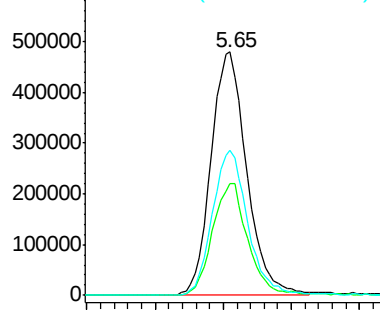
130 59.8 30.0 90.0



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: 0.028 ppbv

RT: 3.58 min Scan# 247

Delta R.T. 0.01 min

Lab File: VL034855.D

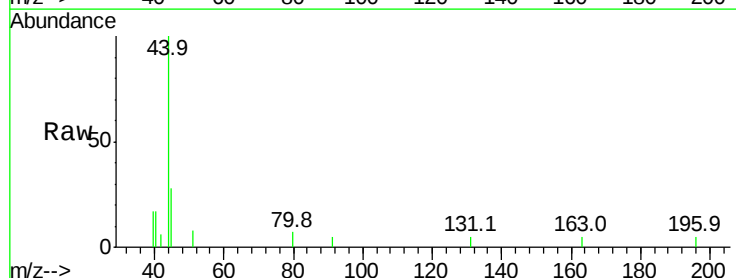
Acq: 10 Mar 2020 1:51

Tgt Ion: 45 Resp: 390

Ion Ratio Lower Upper

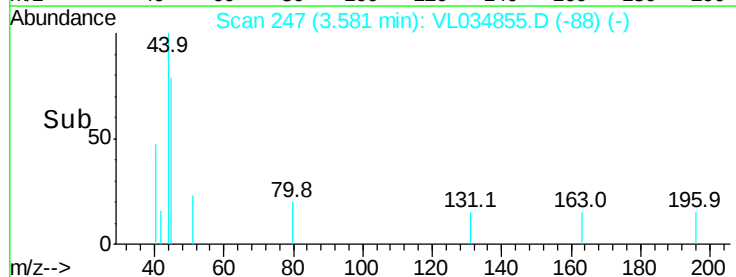
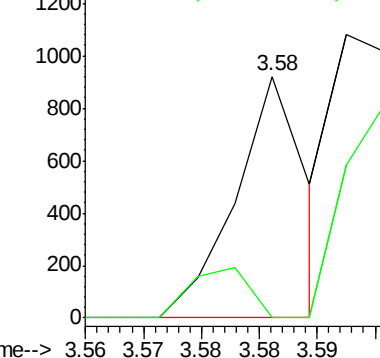
45 100

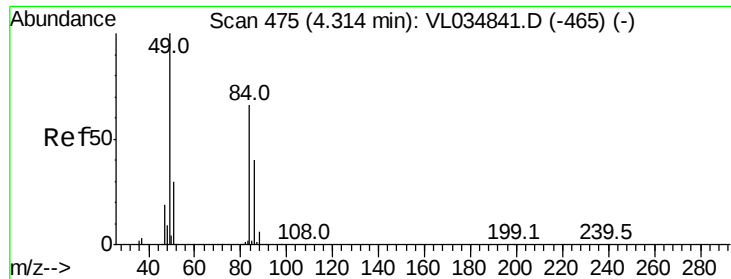
46 0.0 16.0 64.0#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





#20

Methylene Chloride

Concen: 0.156 ppbv

RT: 4.31 min Scan# 475

Delta R.T. 0.00 min

Lab File: VL034855.D

Acq: 10 Mar 2020 1:51

Instrument :

MSVOA_L

ClientSampleId :

CAN 10294

Tgt Ion: 84 Resp: 5585

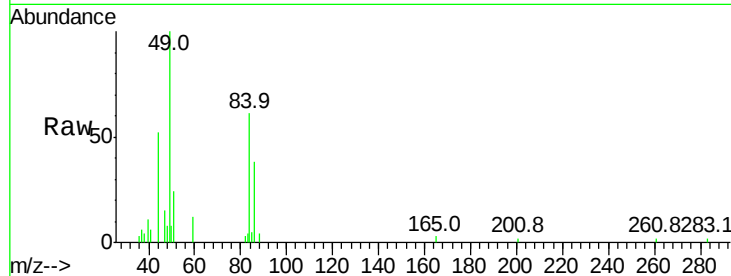
Ion Ratio Lower Upper

84 100

49 173.7 121.5 182.3

51 35.1 36.6 55.0#

86 61.7 48.2 72.2

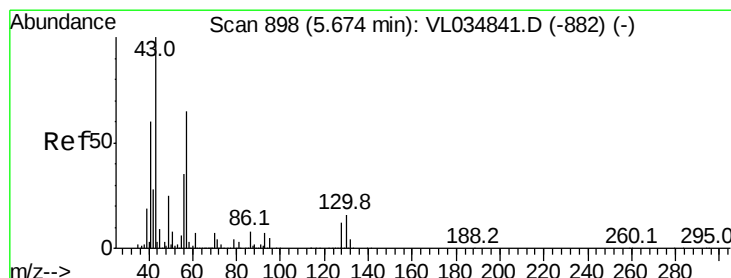
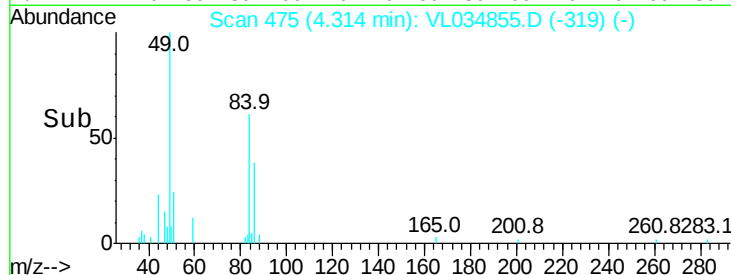
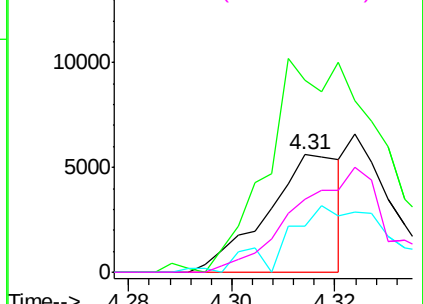


Abundance Ion 84.00 (83.70 to 84.70): VL0

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



#26

Hexane

Concen: 0.023 ppbv

RT: 5.67 min Scan# 896

Delta R.T. -0.01 min

Lab File: VL034855.D

Acq: 10 Mar 2020 1:51

Tgt Ion: 57 Resp: 1980

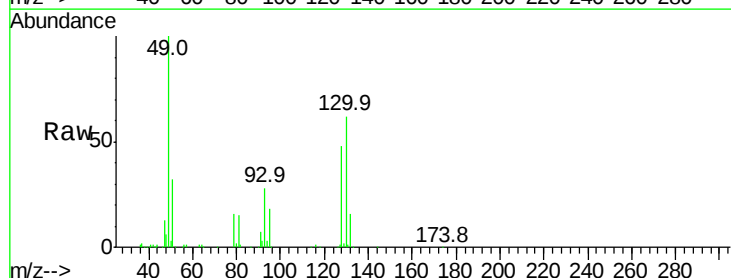
Ion Ratio Lower Upper

57 100

41 176.3 72.6 109.0#

43 0.0 183.8 275.6#

56 114.9 41.9 62.9#

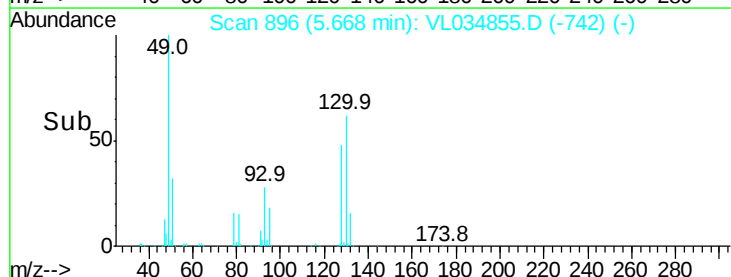
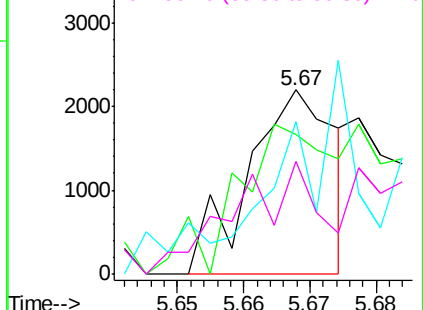


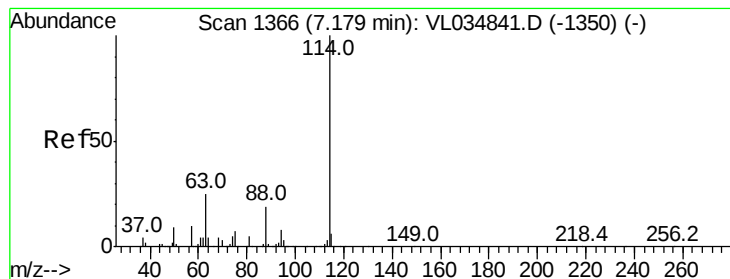
Abundance Ion 57.10 (56.80 to 57.80): VL0

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: 7.17 min Scan# 1364

Delta R.T. -0.01 min

Lab File: VL034855.D

Acq: 10 Mar 2020 1:51

Instrument :

MSVOA_L

ClientSampleId :

CAN 10294

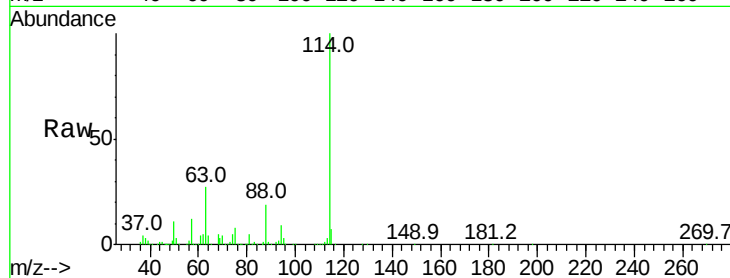
Tgt Ion:114 Resp: 1978446

Ion Ratio Lower Upper

114 100

63 26.1 20.6 31.0

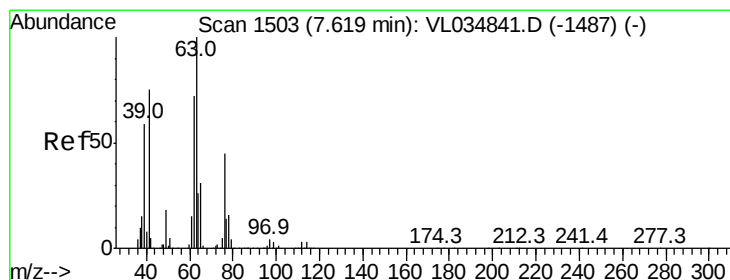
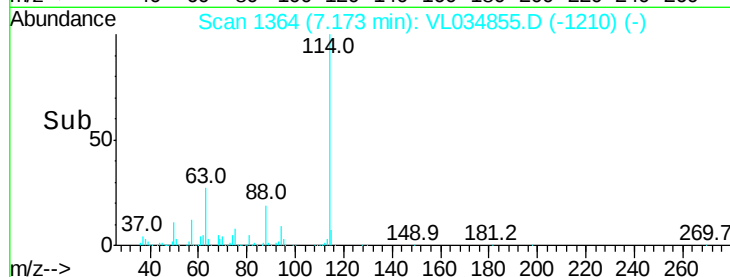
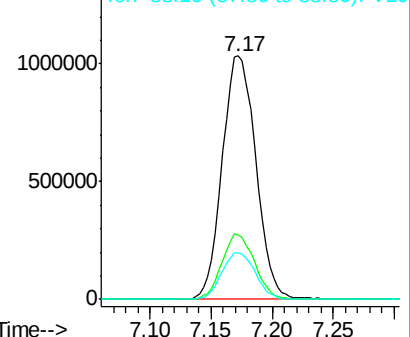
88 19.1 15.0 22.6



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: 7.361 ppbv

RT: 7.17 min Scan# 1363

Delta R.T. -0.45 min

Lab File: VL034855.D

Acq: 10 Mar 2020 1:51

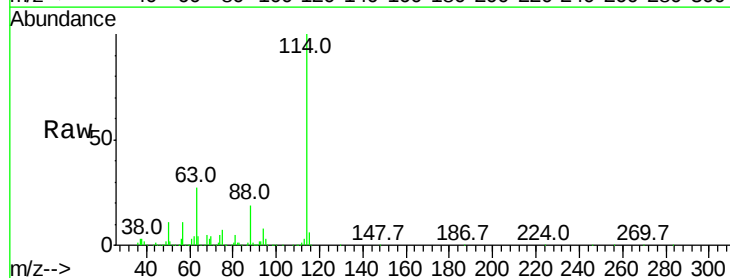
Tgt Ion: 63 Resp: 514287

Ion Ratio Lower Upper

63 100

41 0.0 59.8 89.8#

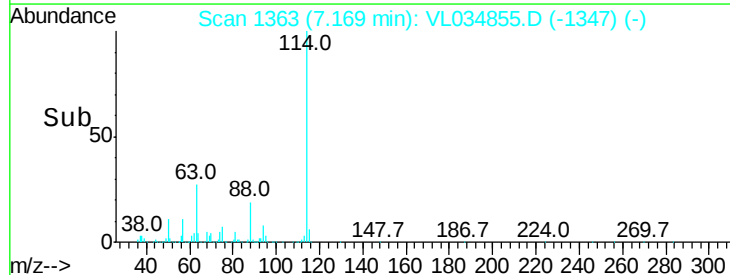
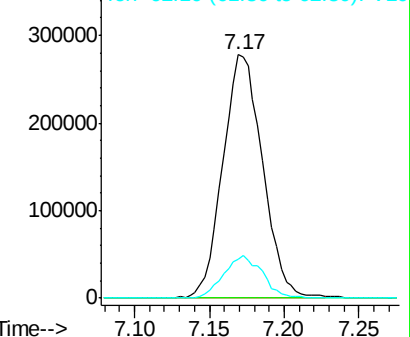
62 16.0 57.6 86.4#

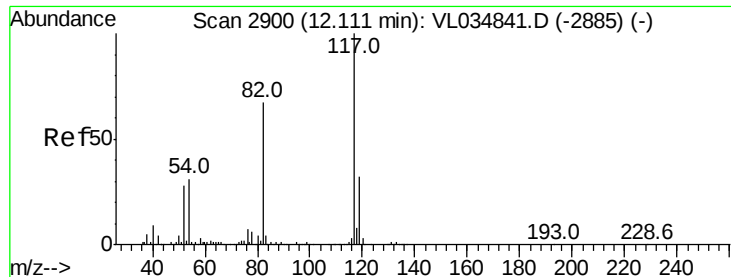


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0

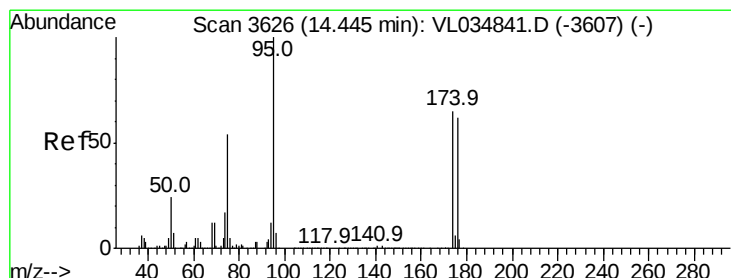
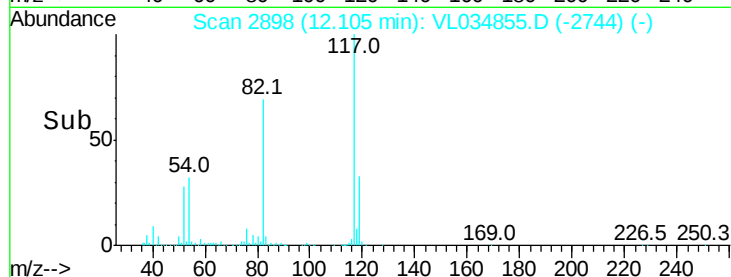
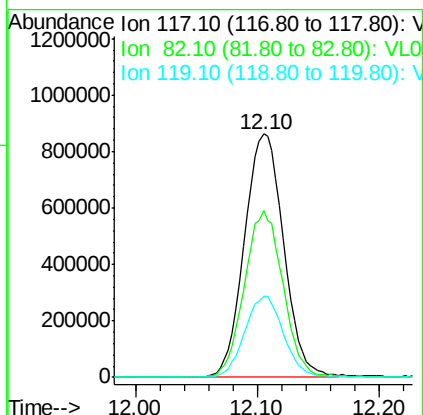
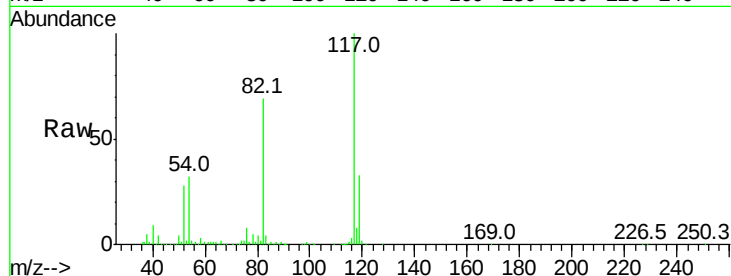




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2898
Delta R.T. -0.01 min
Lab File: VL034855.D
Acq: 10 Mar 2020 1:51

Instrument :
MSVOA_L
ClientSampleId :
CAN 10294

Tgt Ion: 117 Resp: 1914375
Ion Ratio Lower Upper
117 100
82 67.9 51.1 76.7
119 33.0 27.3 40.9



#68
1-Bromo-4-Fluorobenzene
Concen: 10.301 ppbv
RT: 14.44 min Scan# 3625
Delta R.T. -0.00 min
Lab File: VL034855.D
Acq: 10 Mar 2020 1:51

Tgt Ion: 95 Resp: 1537945
Ion Ratio Lower Upper
95 100
174 68.0 55.2 82.8
175 5.0 4.3 6.5

