

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021021\
Quantitation Report (Not Reviewed)

Data File : VL036341.D
Acq On : 11 Feb 2021 9:13
Operator : SY/AP
Sample : QC020921 CAN 10673
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC020921 CAN 10673

Quant Time: Feb 11 09:55:58 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL021021AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 10 16:04:02 2021
QLast Update : Wed Feb 10 16:04:02 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1654859	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	3482204	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	3276148	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2786460	10.34	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.40%

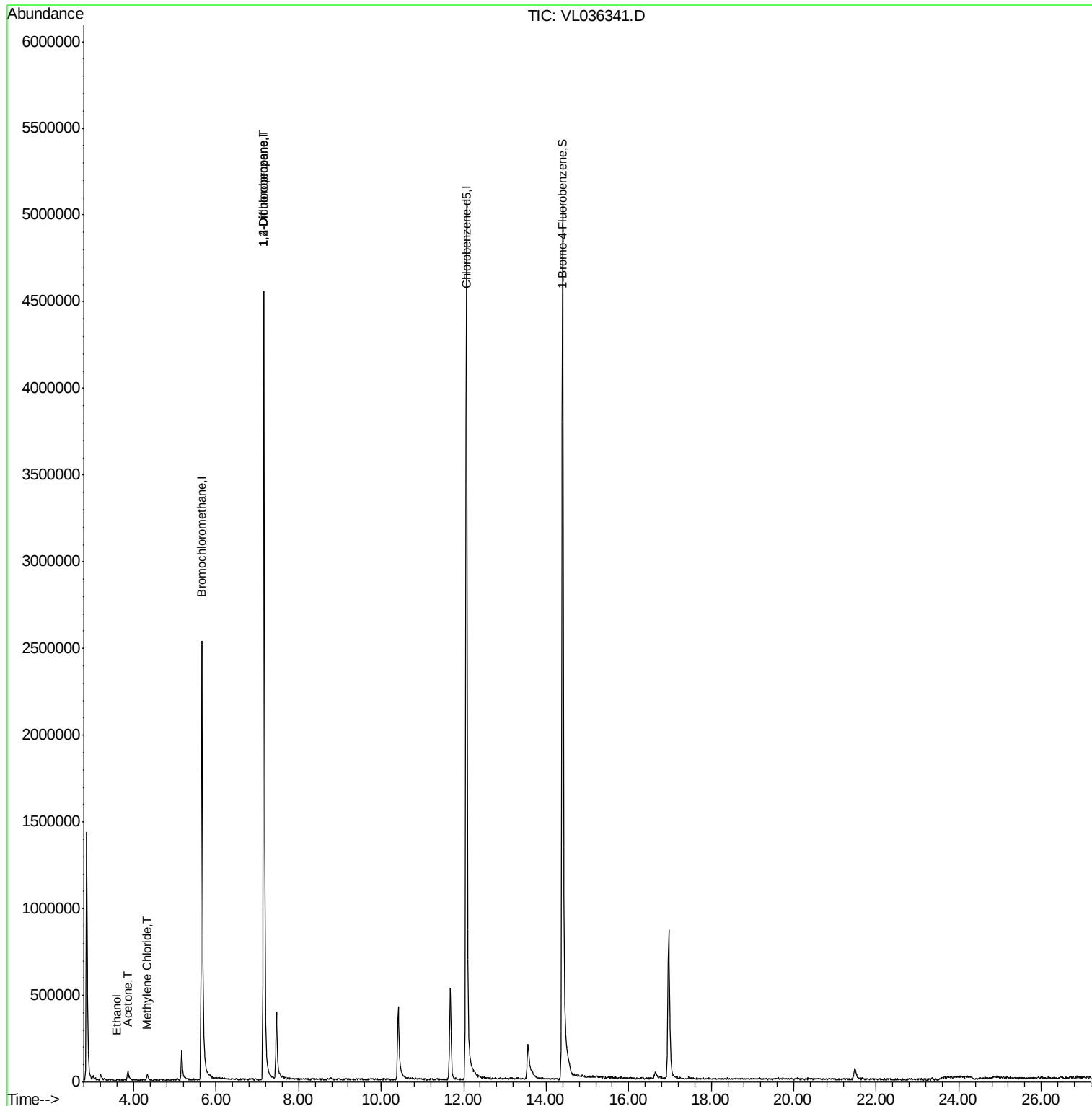
Target Compounds					Qvalue	
13) Ethanol	3.59	45	1219	0.085	ppbv #	32
15) Acetone	3.85	43	52721	0.261	ppbv #	1
20) Methylene Chloride	4.32	84	4671	0.072	ppbv #	64
39) 1,2-Dichloropropane	7.15	63	1022398	8.509	ppbv #	23

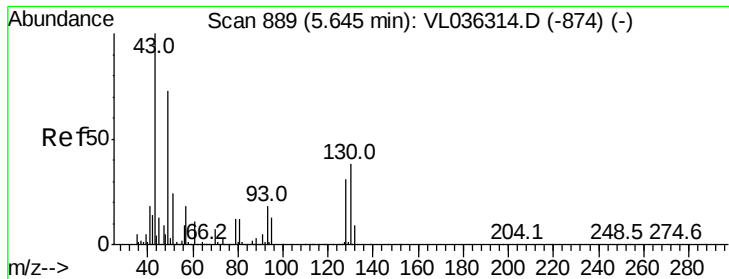
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 890

Delta R.T. 0.00 min

Lab File: VL036341.D

Acq: 11 Feb 2021 9:13

Instrument :

MSVOA_L

ClientSampleId :

QC020921 CAN 10673

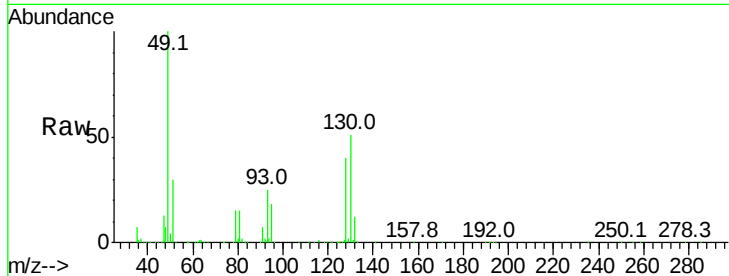
Tgt Ion: 49 Resp: 1654859

Ion Ratio Lower Upper

49 100

128 41.3 20.8 62.5

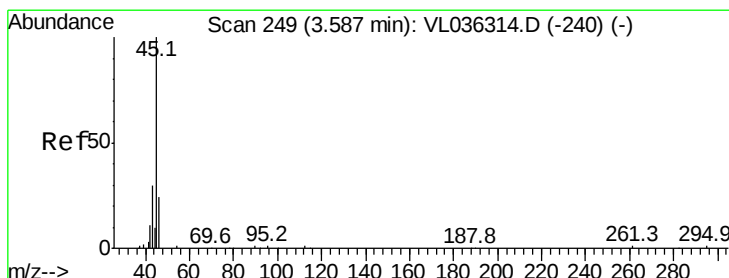
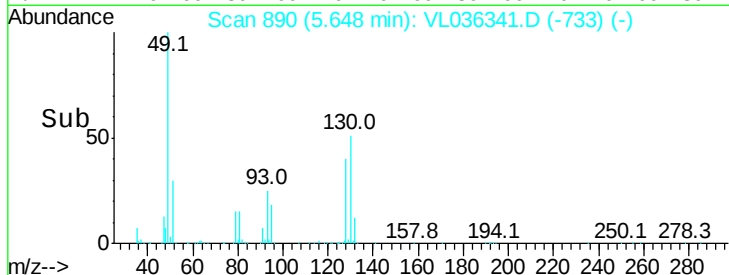
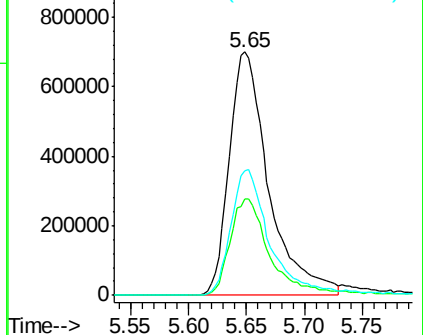
130 52.1 26.7 80.1



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



#13

Ethanol

Concen: 0.085 ppbv

RT: 3.59 min Scan# 251

Delta R.T. 0.01 min

Lab File: VL036341.D

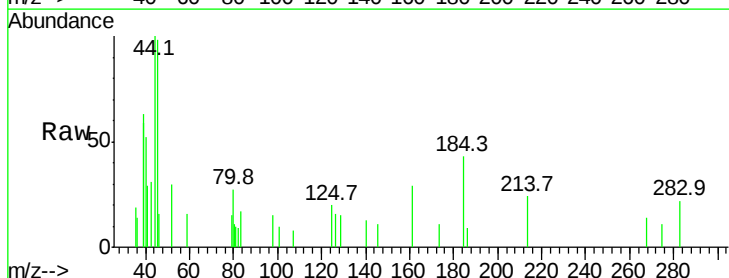
Acq: 11 Feb 2021 9:13

Tgt Ion: 45 Resp: 1219

Ion Ratio Lower Upper

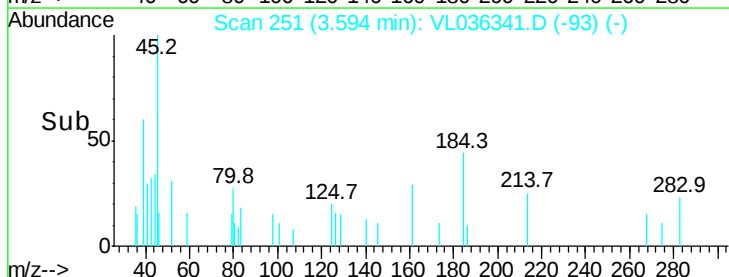
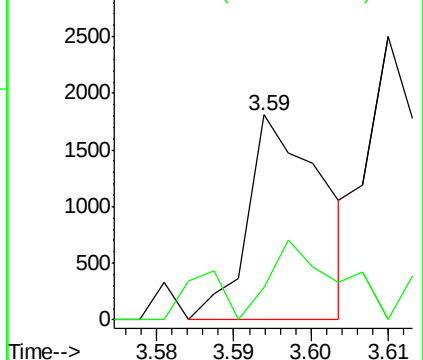
45 100

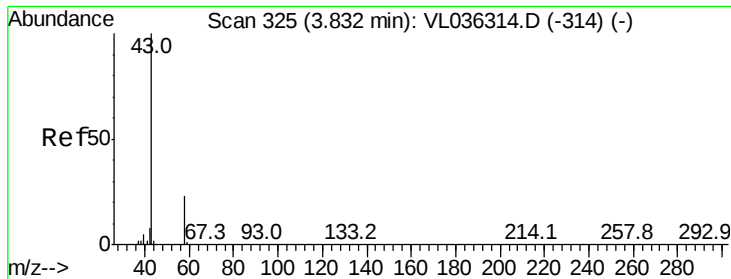
46 0.0 17.7 70.7#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0

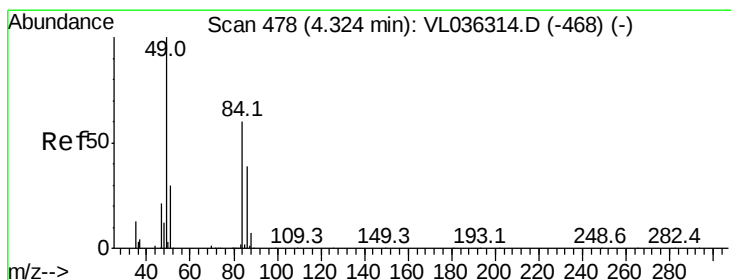
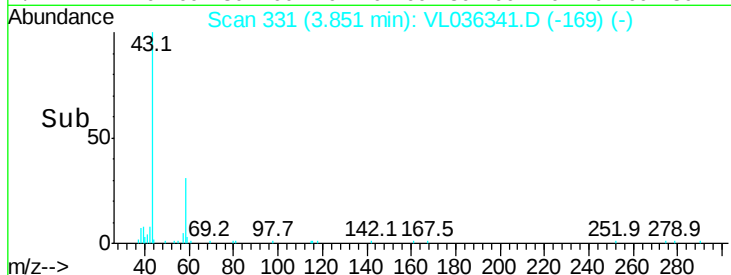
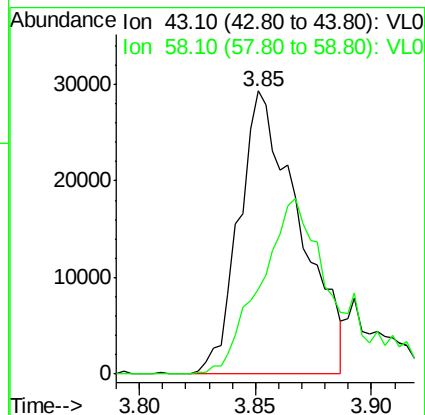
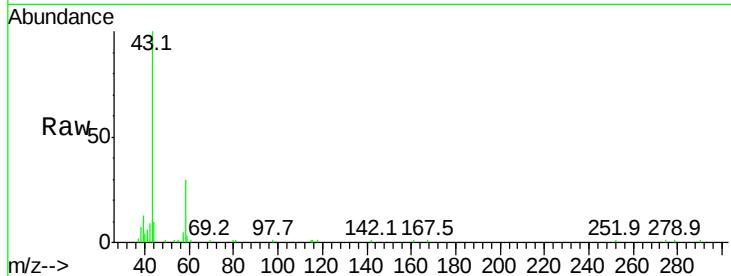




#15
Acetone
Concen: 0.261 ppbv
RT: 3.85 min Scan# 331
Delta R.T. 0.02 min
Lab File: VL036341.D
Acq: 11 Feb 2021 9:13

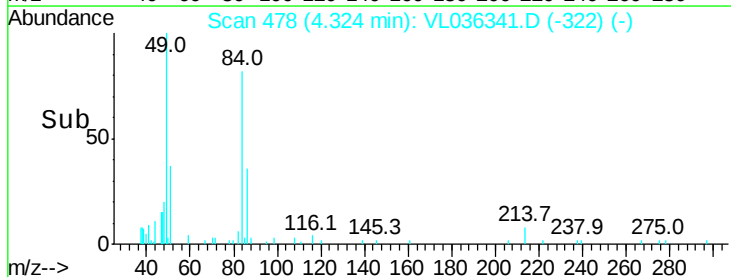
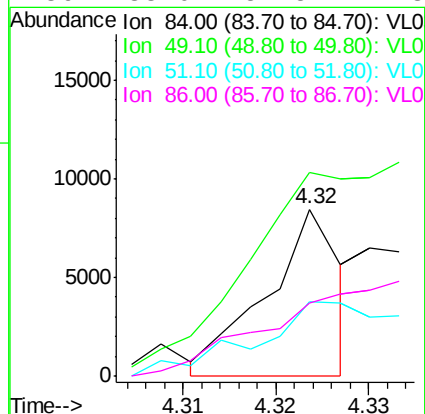
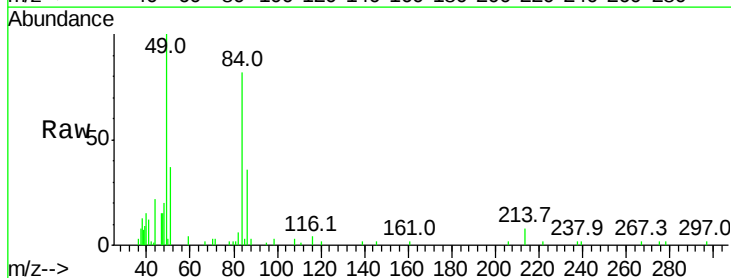
Instrument :
MSVOA_L
ClientSampleId :
QC020921 CAN 10673

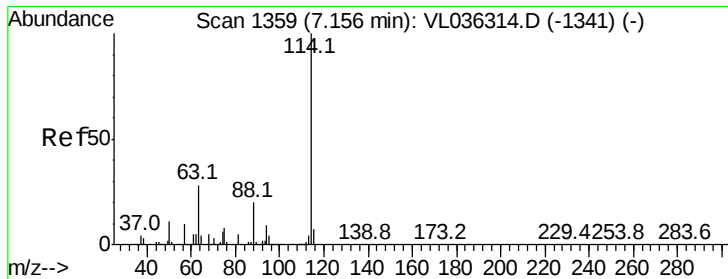
Tgt Ion: 43 Resp: 52721
Ion Ratio Lower Upper
43 100
58 85.1 20.3 30.5#



#20
Methylene Chloride
Concen: 0.072 ppbv
RT: 4.32 min Scan# 478
Delta R.T. 0.00 min
Lab File: VL036341.D
Acq: 11 Feb 2021 9:13

Tgt Ion: 84 Resp: 4671
Ion Ratio Lower Upper
84 100
49 107.5 133.8 200.8#
51 42.3 41.4 62.0
86 38.0 51.5 77.3#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.16 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VL036341.D

Acq: 11 Feb 2021 9:13

Instrument :

MSVOA_L

ClientSampleId :

QC020921 CAN 10673

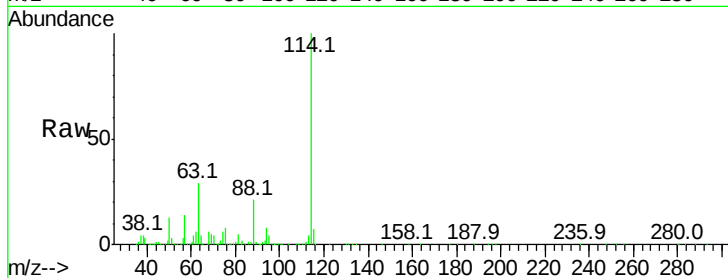
Tgt Ion:114 Resp: 3482204

Ion Ratio Lower Upper

114 100

63 30.6 24.1 36.1

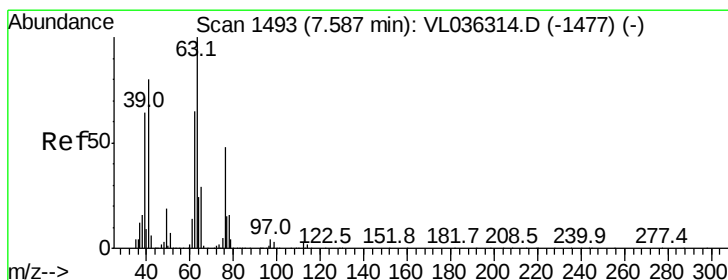
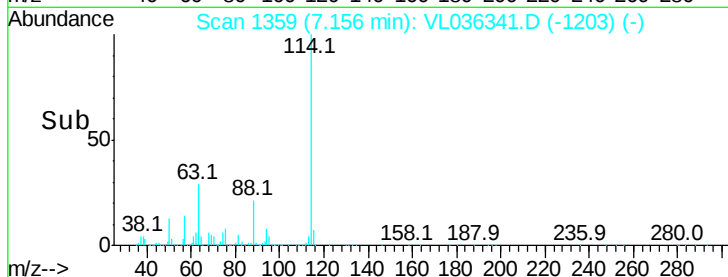
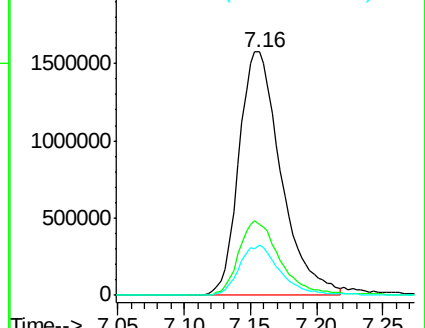
88 20.4 16.0 24.0



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: 8.509 ppbv

RT: 7.15 min Scan# 1358

Delta R.T. -0.43 min

Lab File: VL036341.D

Acq: 11 Feb 2021 9:13

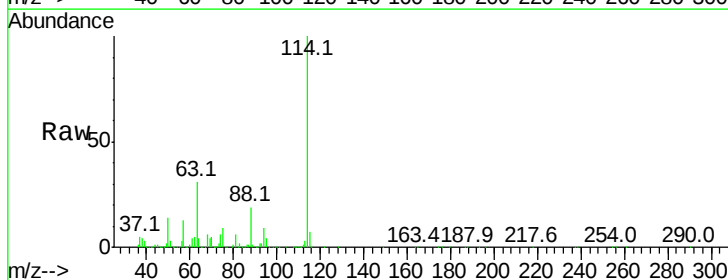
Tgt Ion: 63 Resp: 1022398

Ion Ratio Lower Upper

63 100

41 0.0 63.8 95.6#

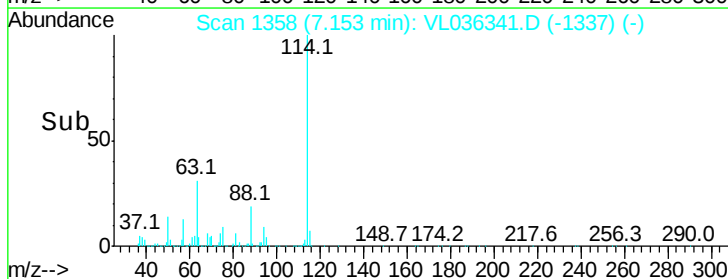
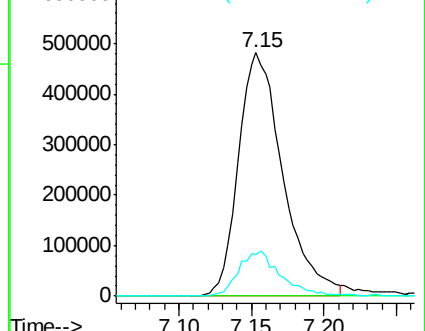
62 16.8 52.3 78.5#

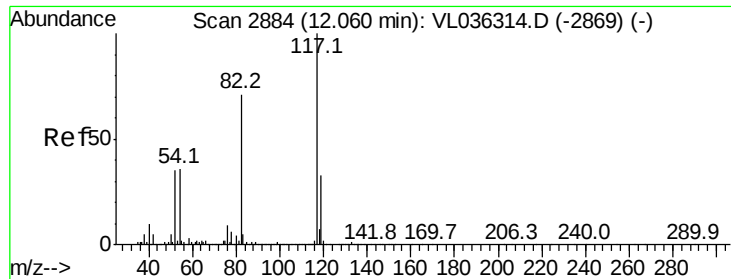


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0

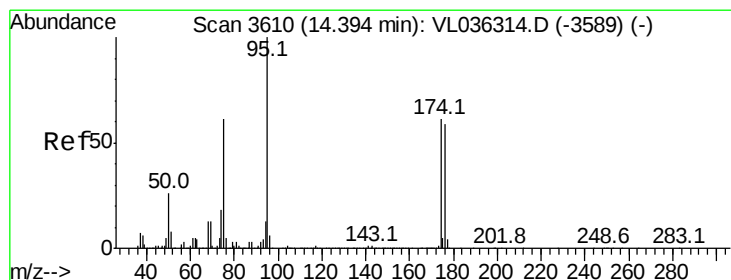
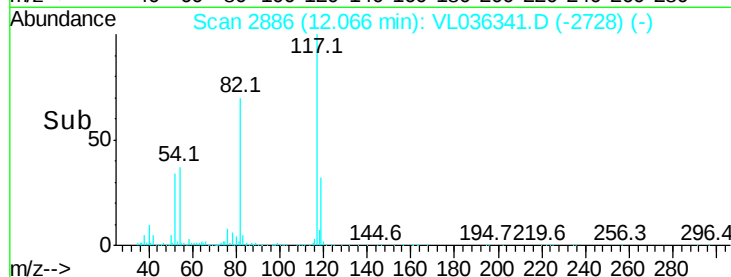
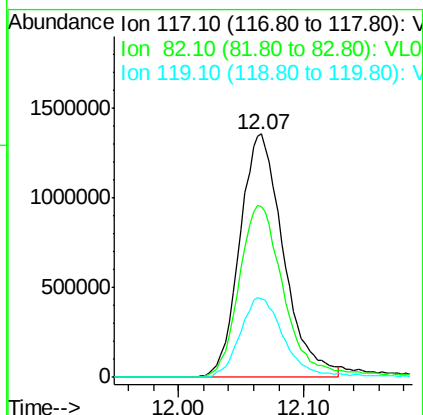
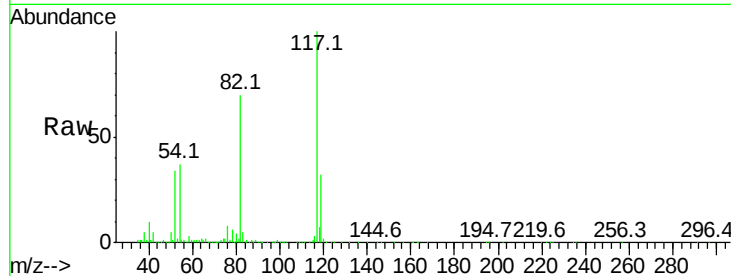




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2886
Delta R.T. 0.01 min
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Tgt Ion: 117 Resp: 3276148
Ion Ratio Lower Upper
117 100
82 75.6 59.1 88.7
119 33.3 46.3 69.5#



#68
1-Bromo-4-Fluorobenzene
Concen: 10.337 ppbv
RT: 14.40 min Scan# 3611
Delta R.T. 0.00 min
Lab File: VL036341.D
Acq: 11 Feb 2021 9:13

Tgt Ion: 95 Resp: 2786460
Ion Ratio Lower Upper
95 100
174 62.8 49.8 74.6
175 4.3 3.7 5.5

