

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL021021\
 Data File : VL036324.D
 Acq On : 10 Feb 2021 19:15
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Feb 11 06:10:56 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL021021AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 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	1489427	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.15	114	3295226	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.06	117	2922971	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.40	95	2327562	9.68	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.80%

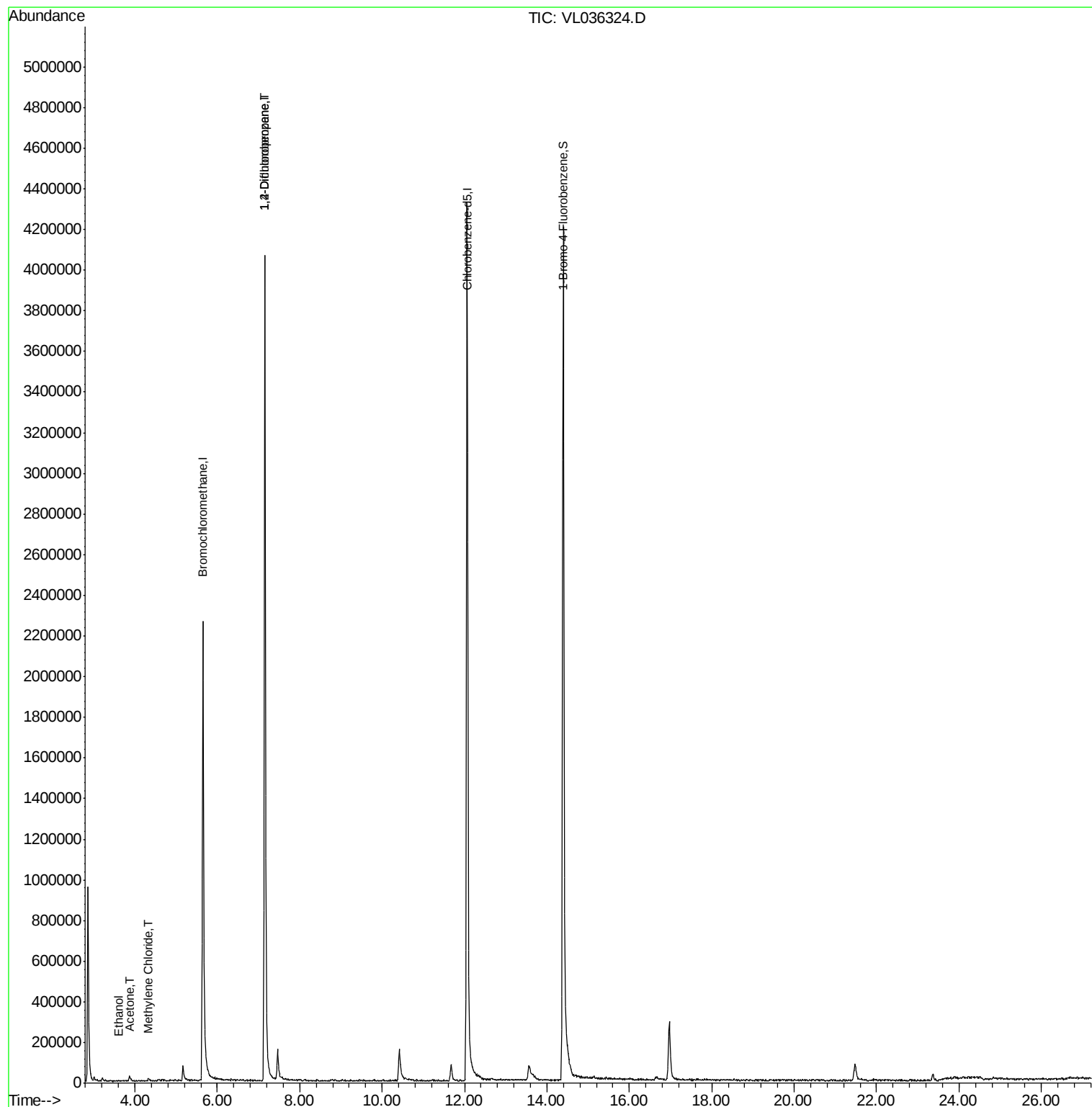
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.61	45	593	0.046	ppbv #	1
15) Acetone	3.86	43	17385	0.095	ppbv #	1
20) Methylene Chloride	4.32	84	2153	0.037	ppbv #	56
39) 1,2-Dichloropropane	7.15	63	923666	8.123	ppbv #	23

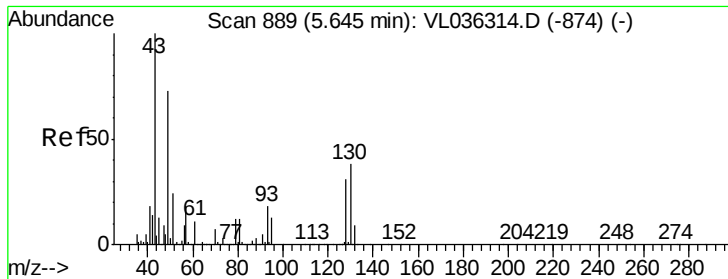
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Feb 10 16:04:02 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 890

Delta R.T. 0.00 min

Lab File: VL036324.D

Acq: 10 Feb 2021 19:15

Instrument :
MSVOA_L
ClientSampled :

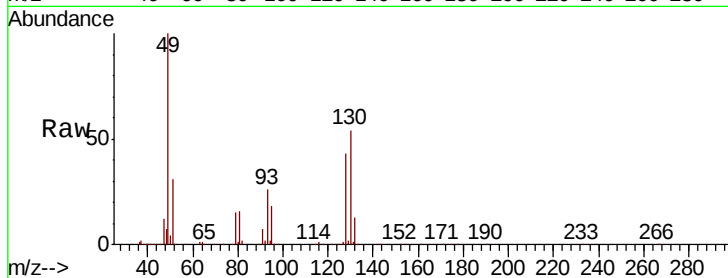
Tot Ion: 49 Resp: 1489427

Ion Ratio Lower Upper

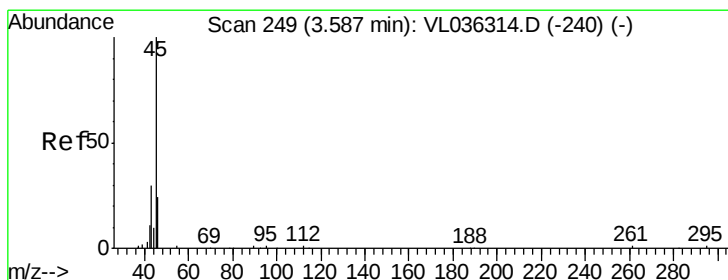
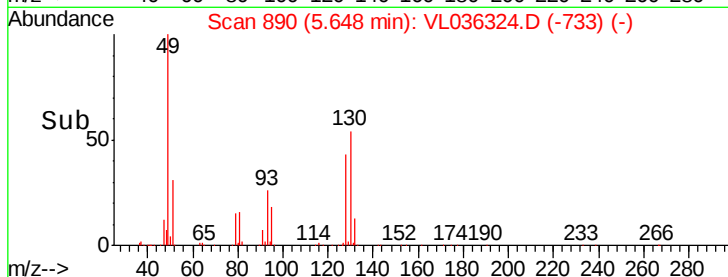
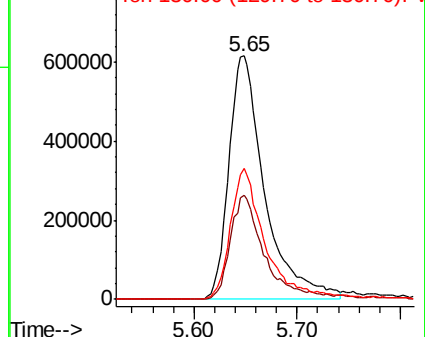
49 100

128 42.6 20.8 62.5

130 53.6 26.7 80.1



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: 0.046 ppbv

RT: 3.61 min Scan# 255

Delta R.T. 0.02 min

Lab File: VL036324.D

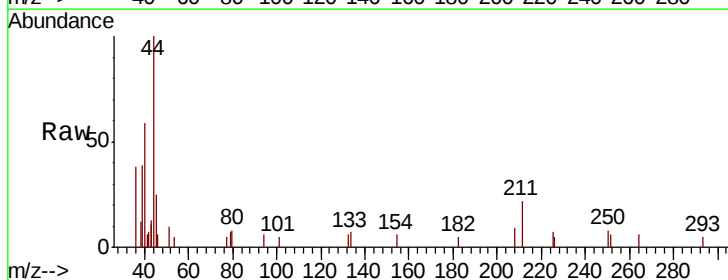
Acq: 10 Feb 2021 19:15

Tgt Ion: 45 Resp: 593

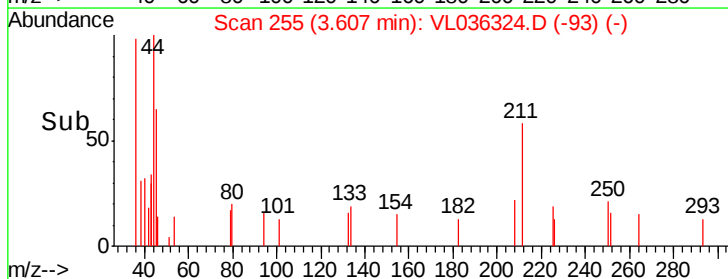
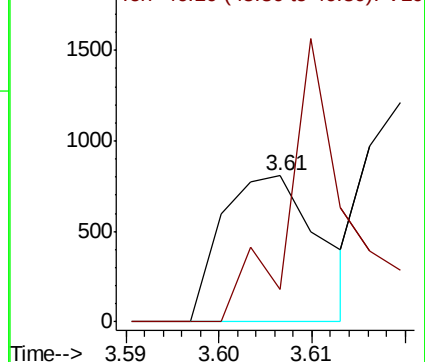
Ion Ratio Lower Upper

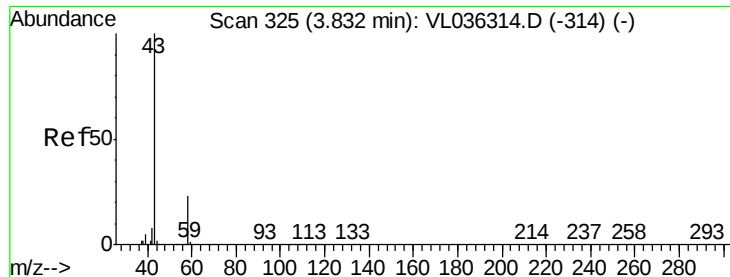
45 100

46 139.6 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: 0.095 ppbv

RT: 3.86 min Scan# 334

Delta R.T. 0.03 min

Lab File: VL036324.D

Acq: 10 Feb 2021 19:15

Instrument :

MSVOA_L

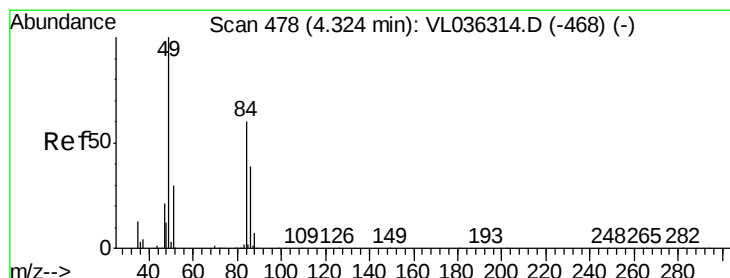
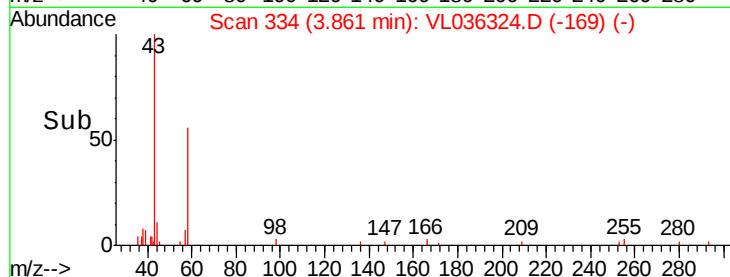
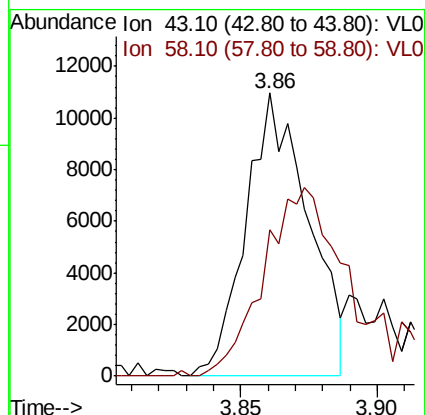
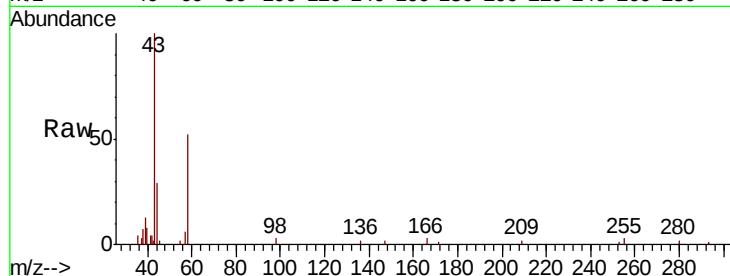
ClientSampleId :

Tot Ion: 43 Resp: 17385

Ion Ratio Lower Upper

43 100

58 106.9 20.3 30.5#



#20

Methylene Chloride

Concen: 0.037 ppbv

RT: 4.32 min Scan# 477

Delta R.T. -0.00 min

Lab File: VL036324.D

Acq: 10 Feb 2021 19:15

Tgt Ion: 84 Resp: 2153

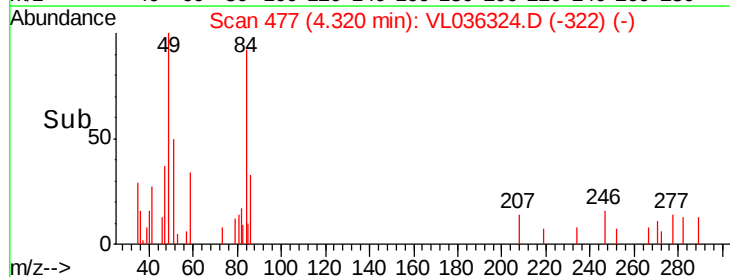
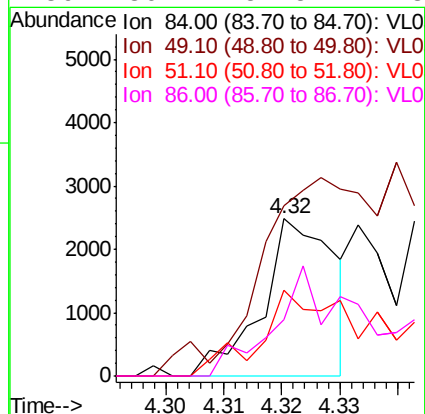
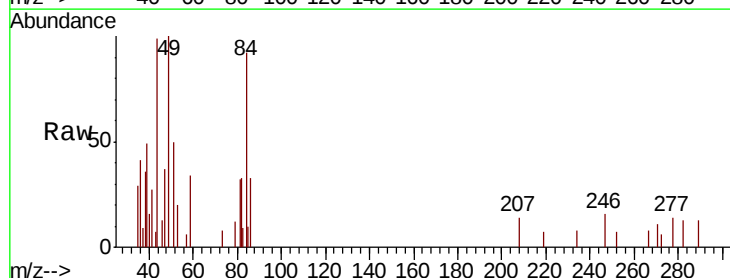
Ion Ratio Lower Upper

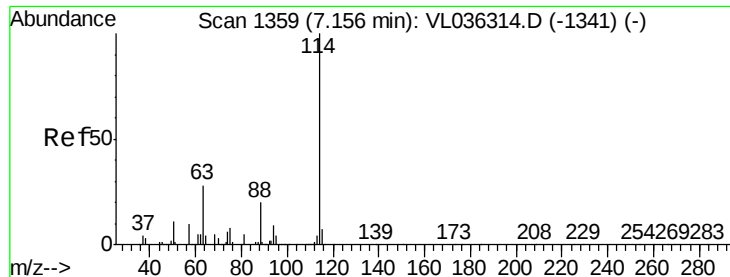
84 100

49 87.0 133.8 200.8#

51 54.5 41.4 62.0

86 36.1 51.5 77.3#

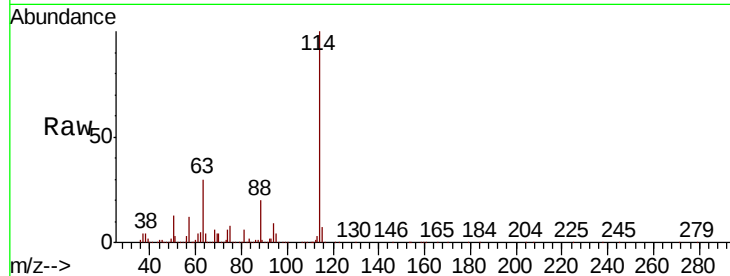




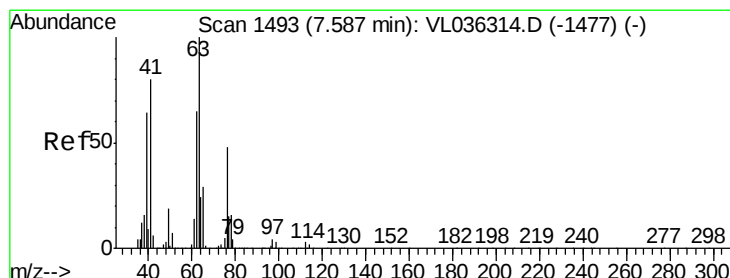
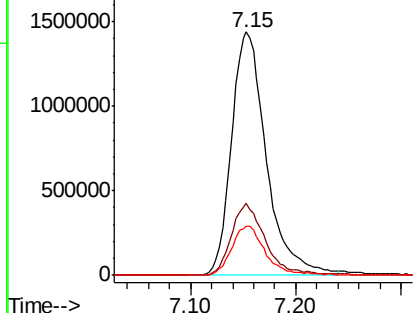
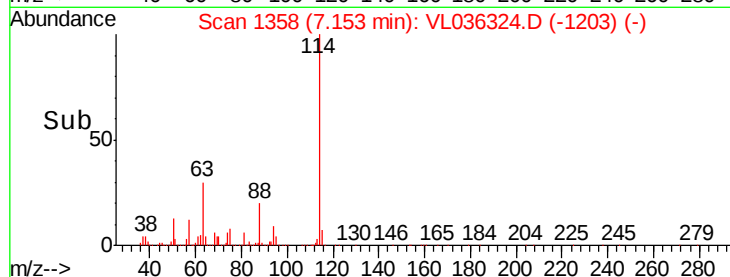
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.15 min Scan# 1358
 Delta R.T. -0.00 min
 Lab File: VL036324.D
 Acq: 10 Feb 2021 19:15

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion:114 Resp: 3295226
 Ion Ratio Lower Upper
 114 100
 63 29.2 24.1 36.1
 88 19.9 16.0 24.0

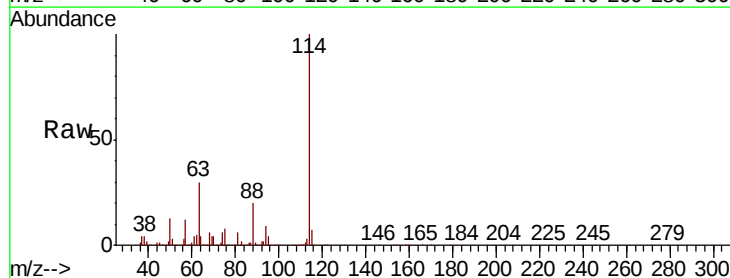


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

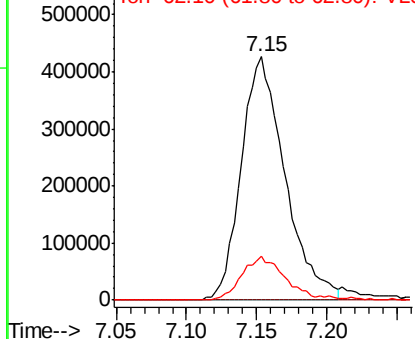
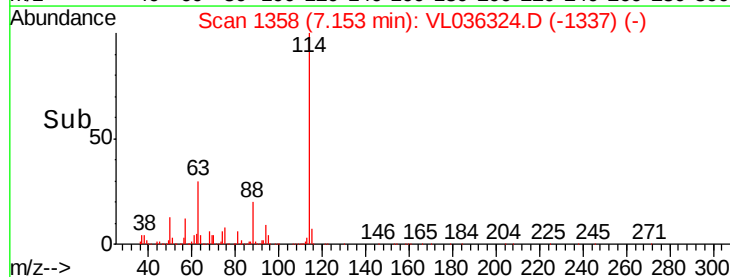


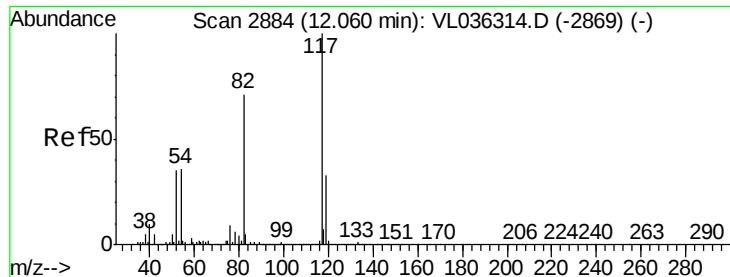
#39
 1,2-Dichloropropane
 Concen: 8.123 ppbv
 RT: 7.15 min Scan# 1358
 Delta R.T. -0.43 min
 Lab File: VL036324.D
 Acq: 10 Feb 2021 19:15

Tgt Ion: 63 Resp: 923666
 Ion Ratio Lower Upper
 63 100
 41 0.1 63.8 95.6#
 62 17.9 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

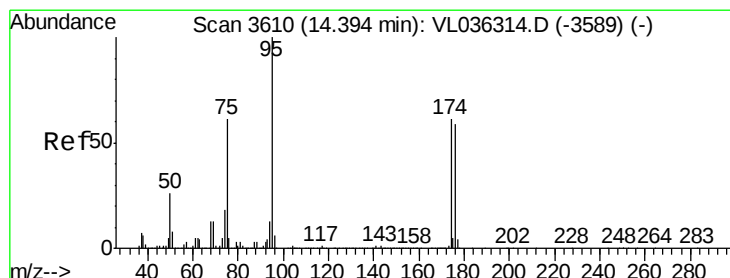
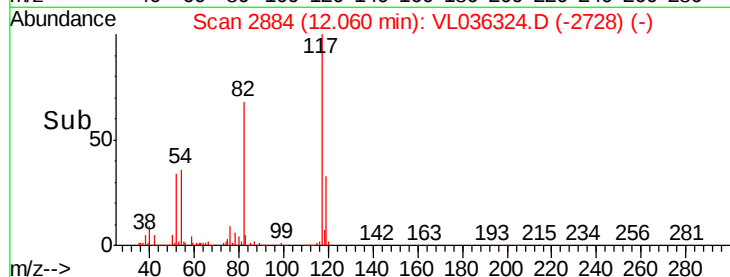
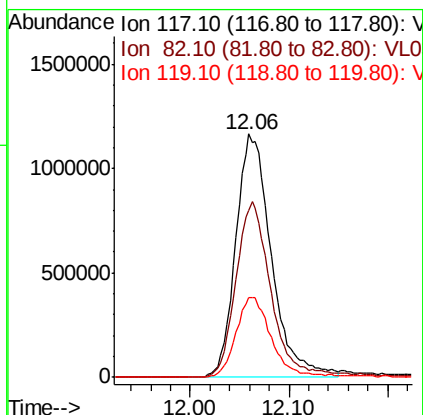
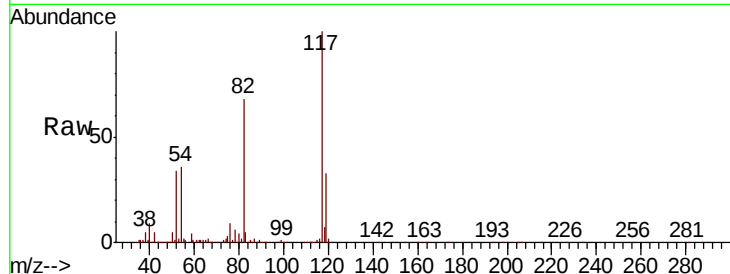




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06 min Scan# 2884
Delta R.T. 0.00 min
Lab File: VL036324.D
Acq: 10 Feb 2021 19:15

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion:117 Resp: 2922971
Ion Ratio Lower Upper
117 100
82 73.5 59.1 88.7
119 33.5 46.3 69.5#



#68
1-Bromo-4-Fluorobenzene
Concen: 9.678 ppbv
RT: 14.40 min Scan# 3611
Delta R.T. 0.00 min
Lab File: VL036324.D
Acq: 10 Feb 2021 19:15

Tgt Ion: 95 Resp: 2327562
Ion Ratio Lower Upper
95 100
174 65.7 49.8 74.6
175 4.7 3.7 5.5

