

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL121020\
Quantitation Report (Not Reviewed)

Data File : VL036138.D
Acq On : 10 Dec 2020 21:37
Operator : SY/AP
Sample : L4930-01DL 40X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
OFFSITE-SG-2DL

Quant Time: Dec 11 03:30:49 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Dec 07 16:56:49 2020
QLast Update : Mon Dec 07 16:56:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1333104	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.16	114	2640314	10.00	ppbv	-0.04
55) Chlorobenzene-d5	12.07	117	2395852	10.00	ppbv	-0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2074433	10.90	ppbv	-0.05
Spiked Amount	10.000	Range	65 - 135	Recovery	=	109.00%

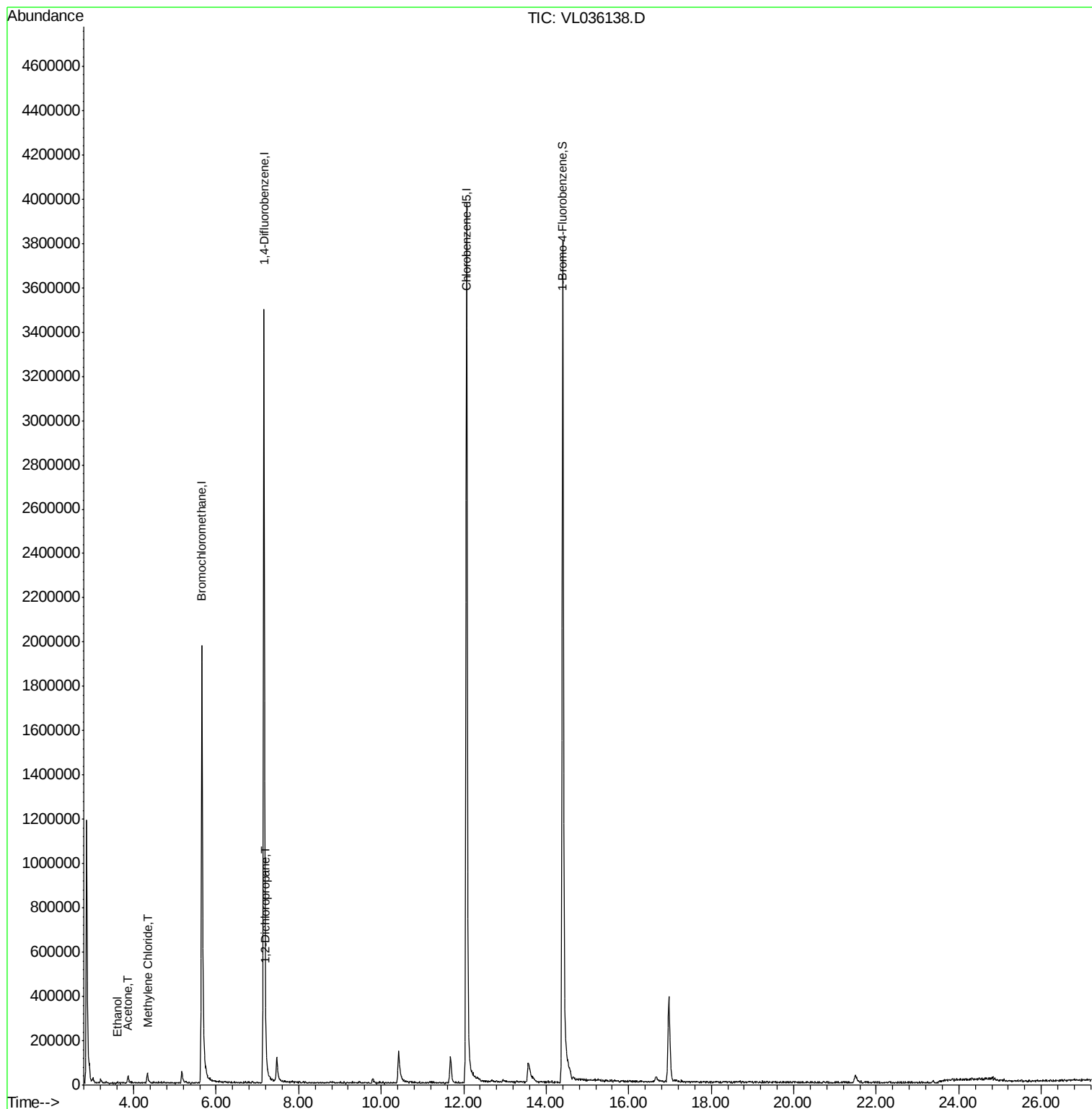
Target Compounds					Qvalue	
13) Ethanol	3.59	45	496	0.047	ppbv #	29
15) Acetone	3.85	43	15176	0.095	ppbv #	49
20) Methylene Chloride	4.34	84	14873	0.227	ppbv	87
39) 1,2-Dichloropropane	7.21	63	14668	0.166	ppbv #	20

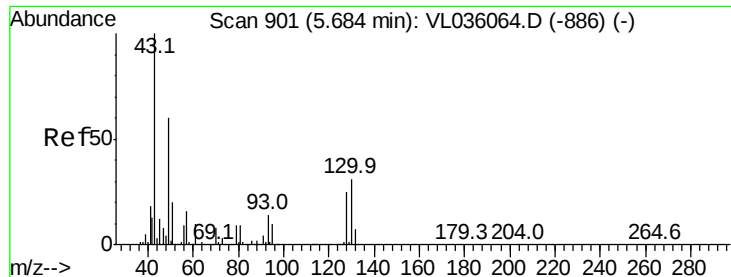
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 891

Delta R.T. -0.03 min

Lab File: VL036138.D

Acq: 10 Dec 2020 21:37

Instrument :

MSVOA_L

ClientSampleId :

OFFSITE-SG-2DL

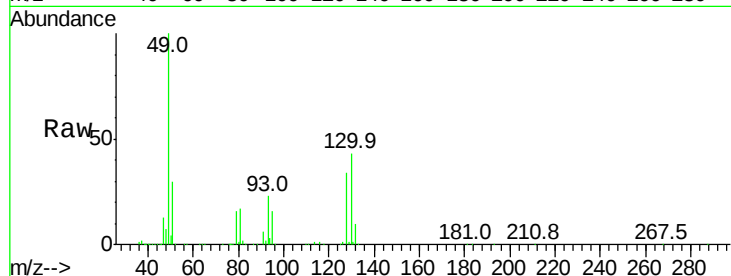
Tgt Ion: 49 Resp: 1333104

Ion Ratio Lower Upper

49 100

128 35.9 21.1 63.1

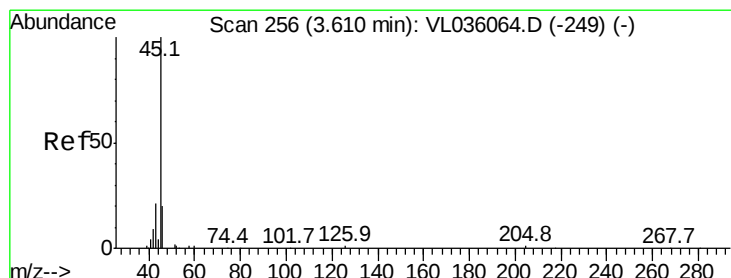
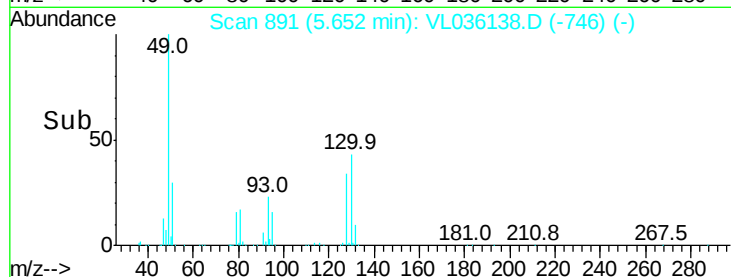
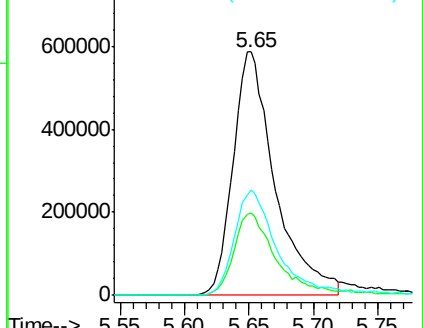
130 45.3 27.1 81.3



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: 0.047 ppbv

RT: 3.59 min Scan# 251

Delta R.T. -0.02 min

Lab File: VL036138.D

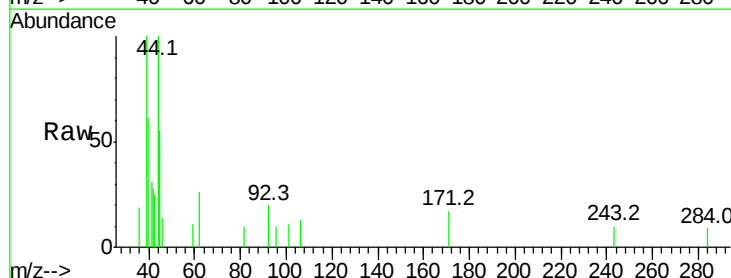
Acq: 10 Dec 2020 21:37

Tgt Ion: 45 Resp: 496

Ion Ratio Lower Upper

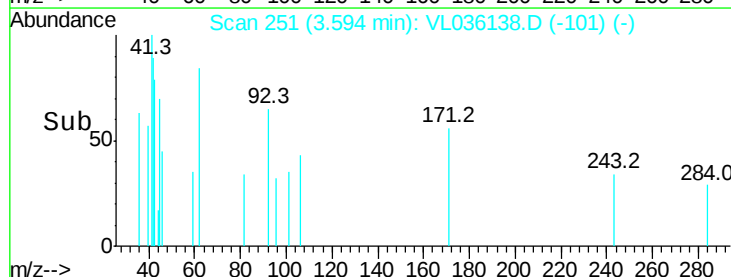
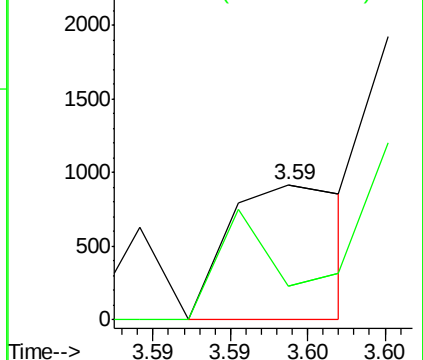
45 100

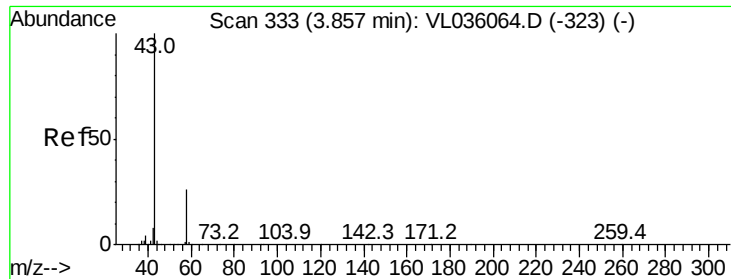
46 0.0 19.0 75.8#



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: 3.85 min Scan# 332

Delta R.T. -0.00 min

Lab File: VL036138.D

Acq: 10 Dec 2020 21:37

Instrument :

MSVOA_L

ClientSampleId :

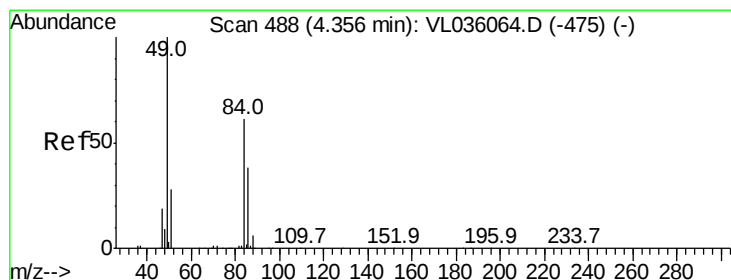
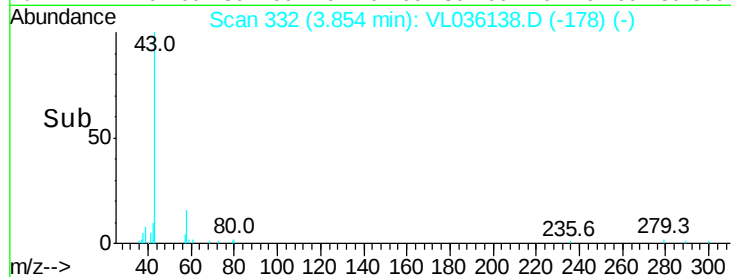
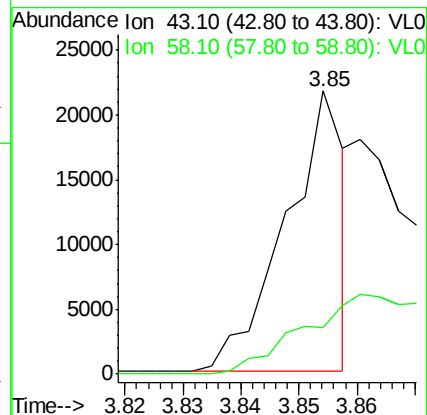
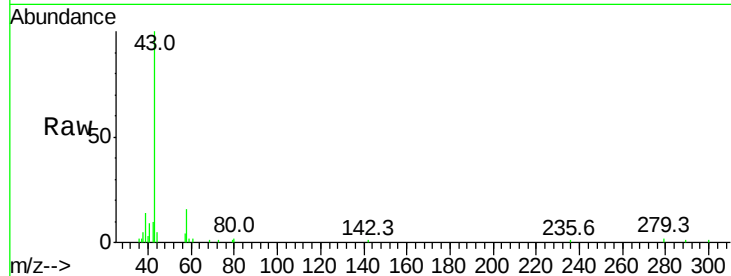
OFFSITE-SG-2DL

Tgt Ion: 43 Resp: 15176

Ion Ratio Lower Upper

43 100

58 0.0 20.9 31.3#



#20

Methylene Chloride

Concen: 0.227 ppbv

RT: 4.34 min Scan# 482

Delta R.T. -0.02 min

Lab File: VL036138.D

Acq: 10 Dec 2020 21:37

Tgt Ion: 84 Resp: 14873

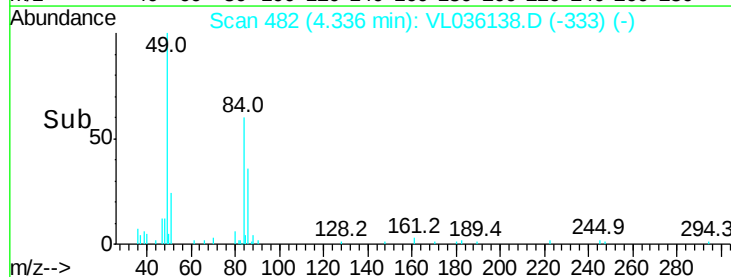
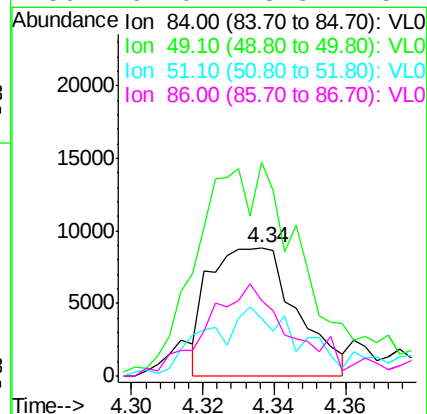
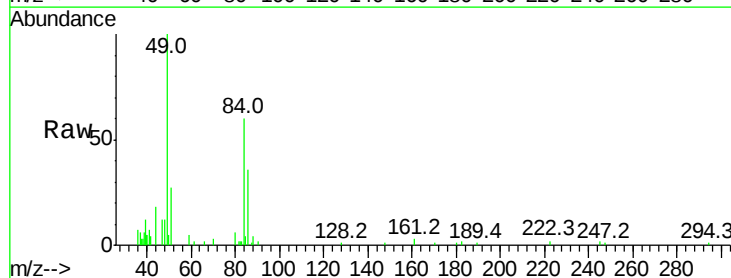
Ion Ratio Lower Upper

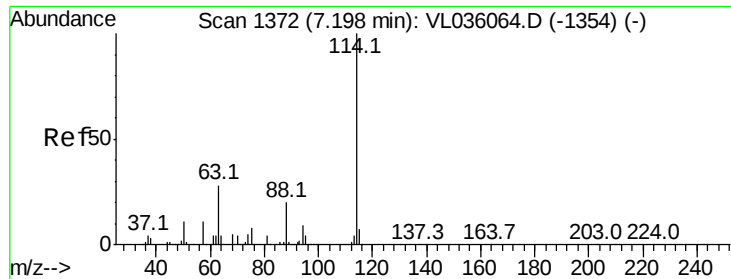
84 100

49 141.0 133.0 199.4

51 43.0 38.9 58.3

86 62.0 48.8 73.2

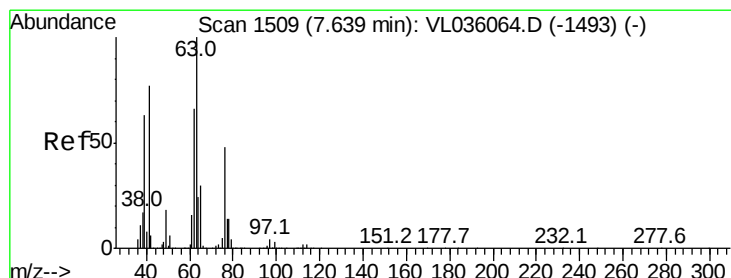
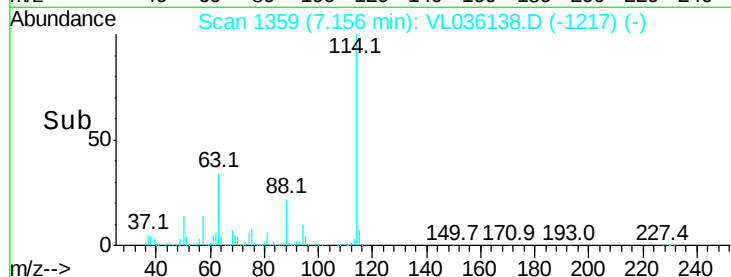
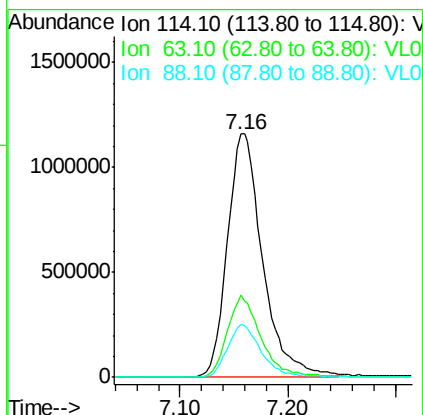
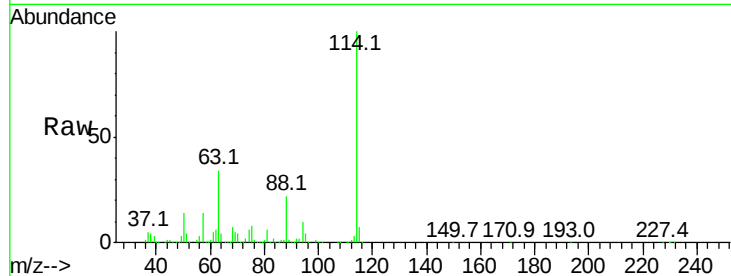




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.16 min Scan# 1359
 Delta R.T. -0.04 min
 Lab File: VL036138.D
 Acq: 10 Dec 2020 21:37

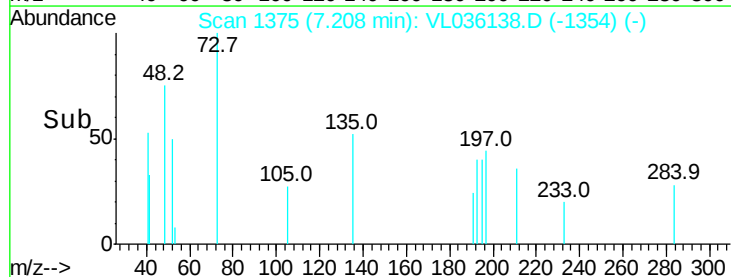
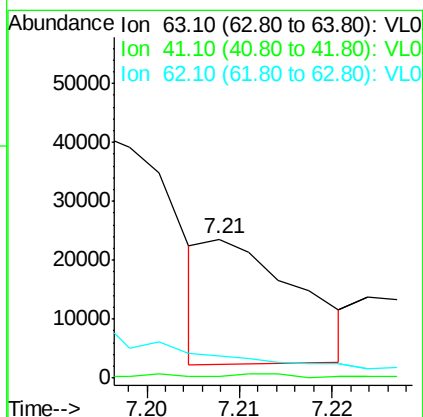
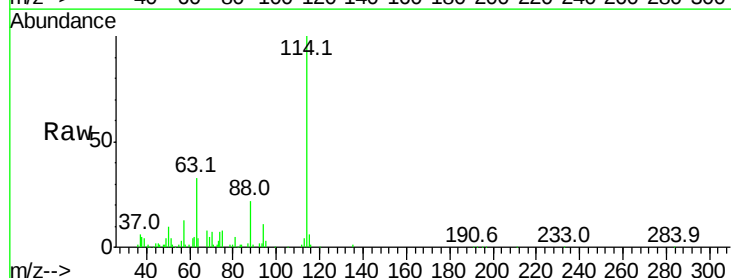
Instrument :
 MSVOA_L
 ClientSampleId :
 OFFSITE-SG-2DL

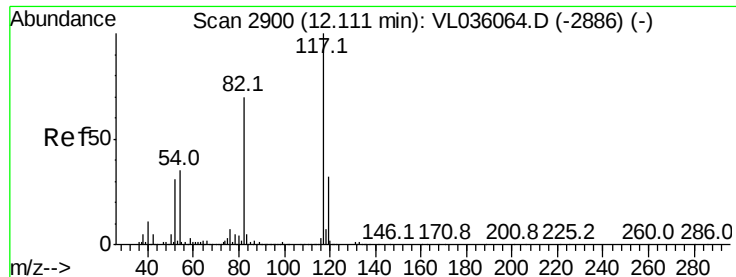
Tgt Ion: 114 Resp: 2640314
 Ion Ratio Lower Upper
 114 100
 63 32.9 23.6 35.4
 88 21.1 15.8 23.6



#39
 1,2-Dichloropropane
 Concen: 0.166 ppbv
 RT: 7.21 min Scan# 1375
 Delta R.T. -0.43 min
 Lab File: VL036138.D
 Acq: 10 Dec 2020 21:37

Tgt Ion: 63 Resp: 14668
 Ion Ratio Lower Upper
 63 100
 41 0.0 61.9 92.9#
 62 10.7 52.5 78.7#





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.07 min Scan# 2887

Delta R.T. -0.04 min

Lab File: VL036138.D

Acq: 10 Dec 2020 21:37

Instrument :

MSVOA_L

ClientSampleId :

OFFSITE-SG-2DL

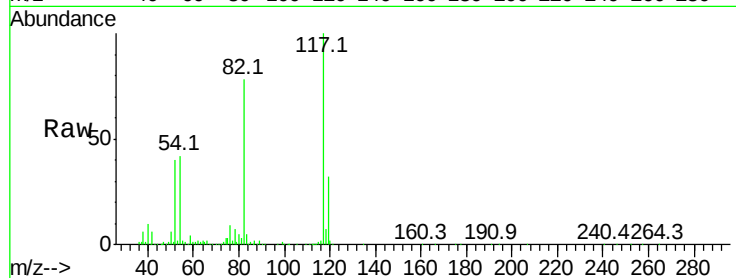
Tgt Ion: 117 Resp: 2395852

Ion Ratio Lower Upper

117 100

82 80.7 0.0 0.0#

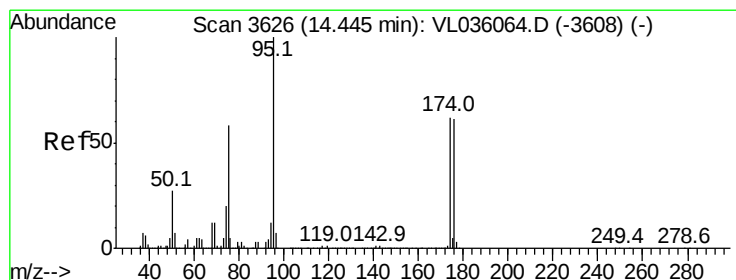
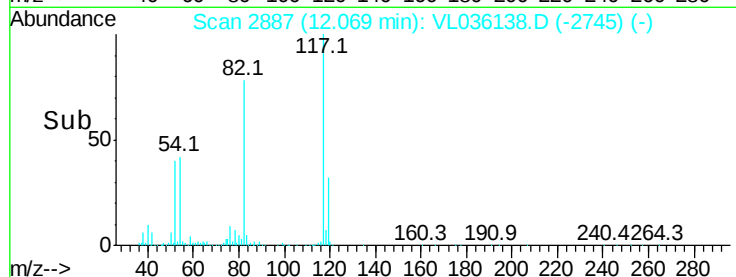
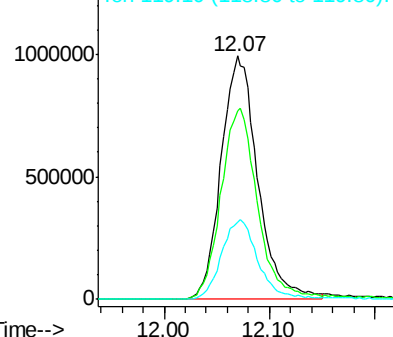
119 33.4 0.0 0.0#



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: 10.904 ppbv

RT: 14.40 min Scan# 3612

Delta R.T. -0.05 min

Lab File: VL036138.D

Acq: 10 Dec 2020 21:37

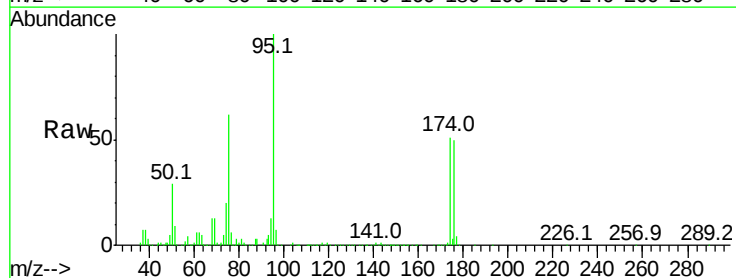
Tgt Ion: 95 Resp: 2074433

Ion Ratio Lower Upper

95 100

174 55.0 50.7 76.1

175 3.8 4.0 6.0#



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

