

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL052220\
 Data File : VL035081.D
 Acq On : 22 May 2020 12:43
 Operator : SY/AP
 Sample : OC052220 CAN 10268
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: May 22 23:13:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050620AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed May 06 14:49:39 2020
 QLast Update : Wed May 06 14:49:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1038895	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	2409388	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.10	117	2257684	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	1894390	10.37	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.70%

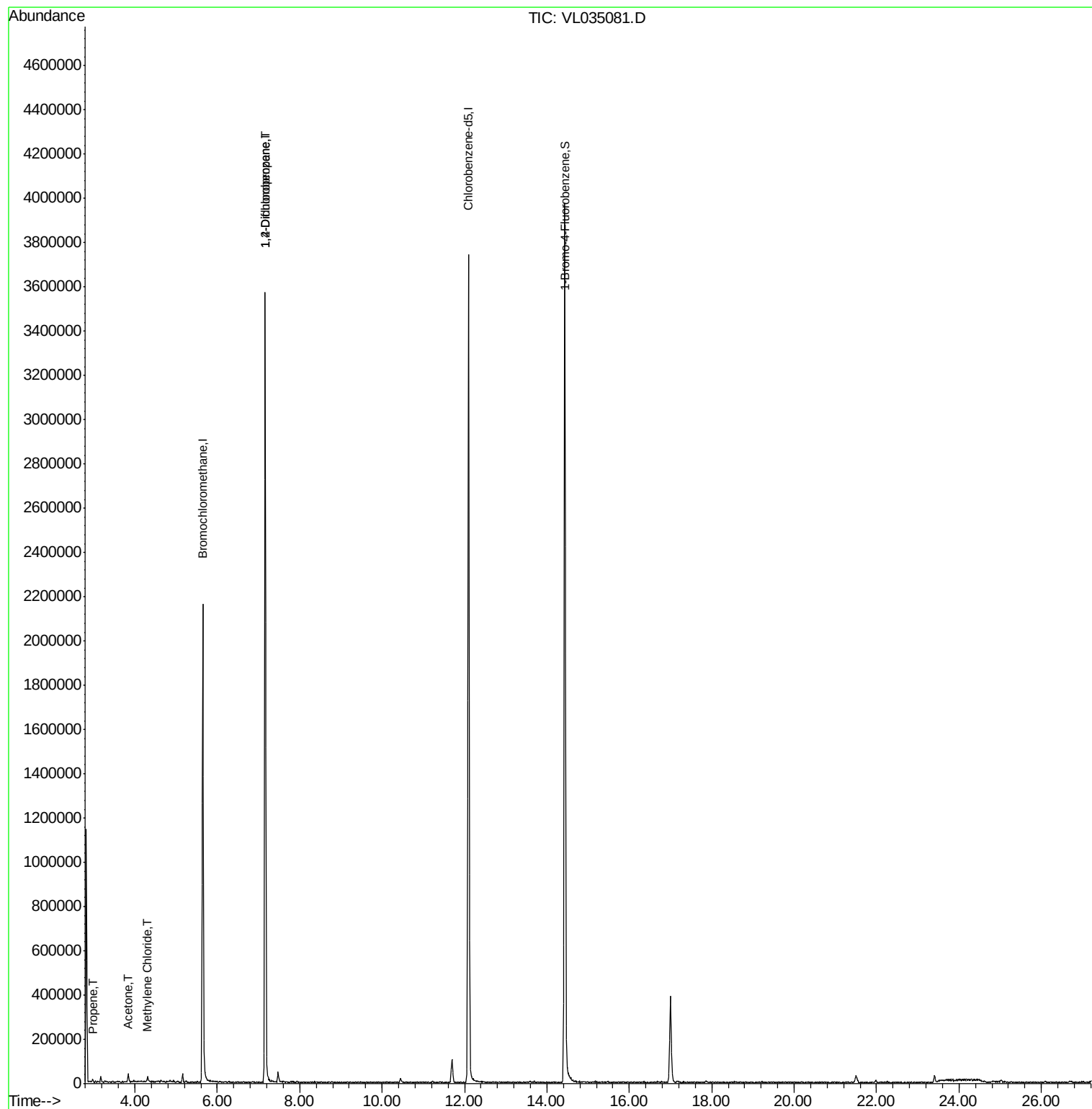
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	2.97	41	3604	0.070	ppbv	94
15) Acetone	3.83	43	29475	0.215	ppbv #	48
20) Methylene Chloride	4.30	84	4318	0.095	ppbv #	57
39) 1,2-Dichloropropane	7.16	63	656420	8.243	ppbv #	26

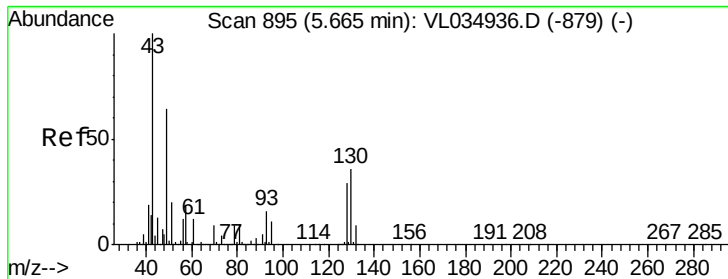
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed May 06 14:49:39 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 889

Delta R.T. -0.02 min

Lab File: VL035081.D

Acq: 22 May 2020 12:43

Instrument :

MSVOA_L

ClientSampleId :

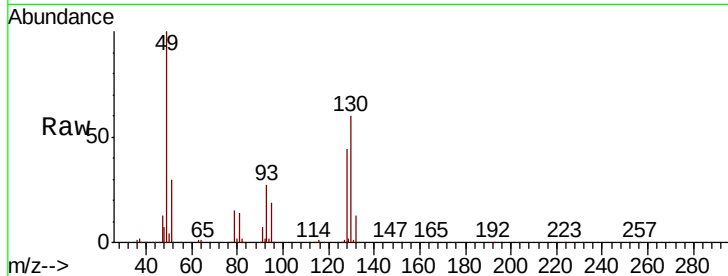
Tot Ion: 49 Resp: 1038895

Ion Ratio Lower Upper

49 100

128 46.0 22.1 66.5

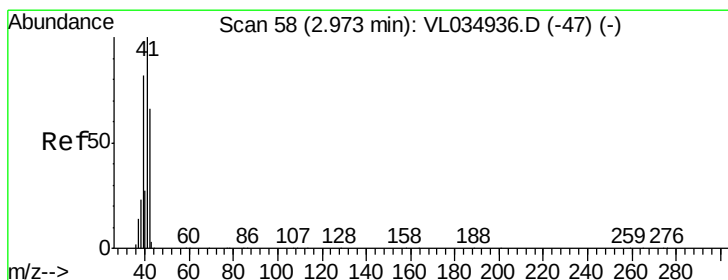
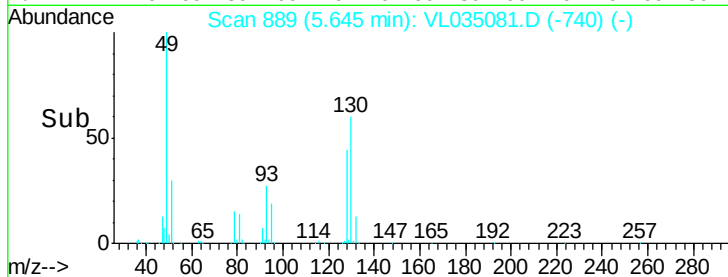
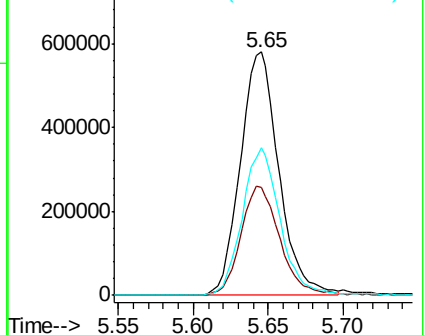
130 60.6 29.1 87.3



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: 0.070 ppbv

RT: 2.97 min Scan# 58

Delta R.T. -0.00 min

Lab File: VL035081.D

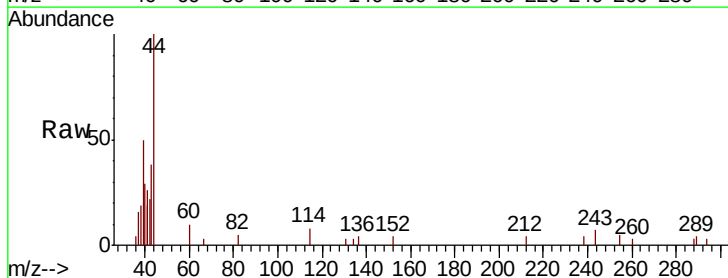
Acq: 22 May 2020 12:43

Tgt Ion: 41 Resp: 3604

Ion Ratio Lower Upper

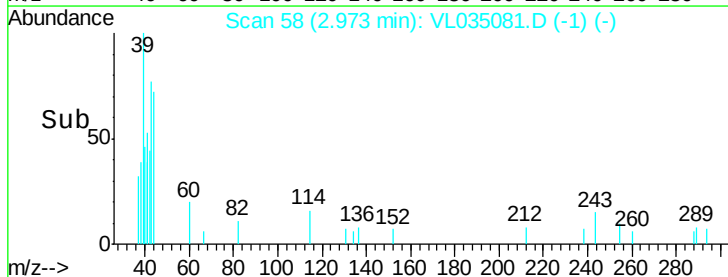
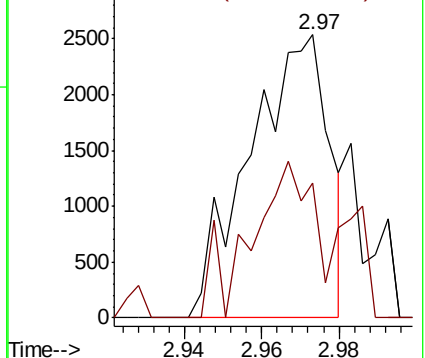
41 100

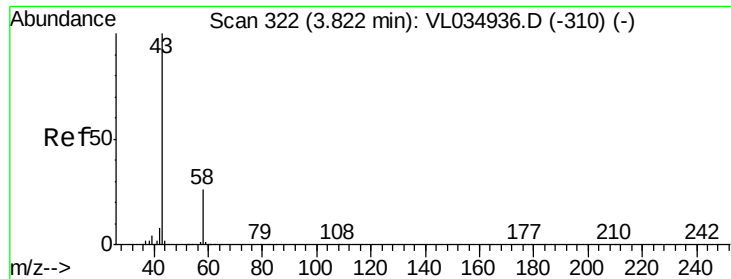
42 62.9 54.5 81.7



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





#15

Acetone

Concen: 0.215 ppbv

RT: 3.83 min Scan# 324

Delta R.T. 0.01 min

Lab File: VL035081.D

Acq: 22 May 2020 12:43

Instrument :

MSVOA_L

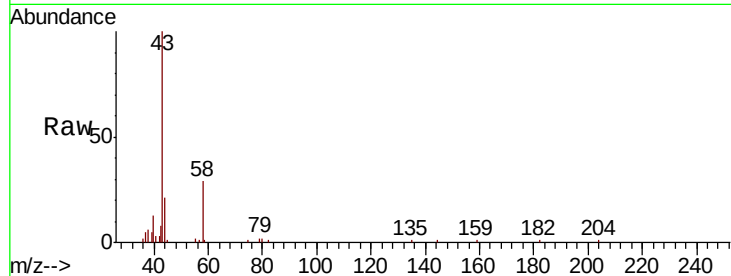
ClientSampleId :

Tot Ion: 43 Resp: 29475

Ion Ratio Lower Upper

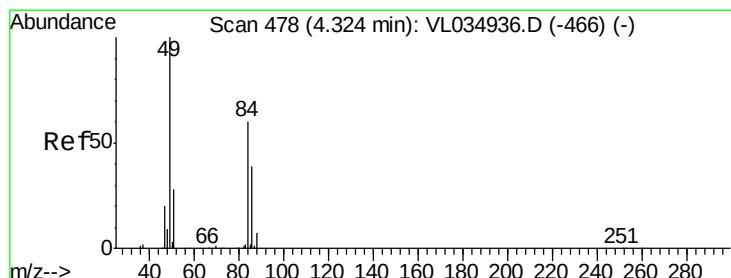
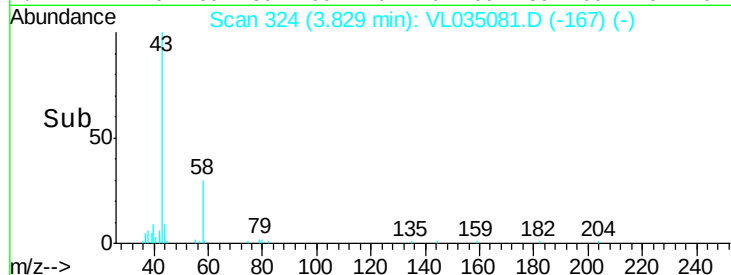
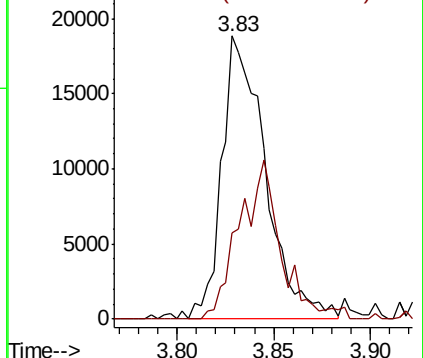
43 100

58 54.1 21.7 32.5#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#20

Methylene Chloride

Concen: 0.095 ppbv

RT: 4.30 min Scan# 472

Delta R.T. -0.02 min

Lab File: VL035081.D

Acq: 22 May 2020 12:43

Tgt Ion: 84 Resp: 4318

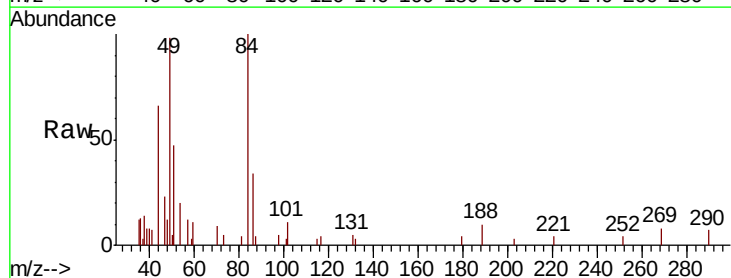
Ion Ratio Lower Upper

84 100

49 88.9 132.5 198.7#

51 47.0 38.4 57.6

86 34.4 51.2 76.8#

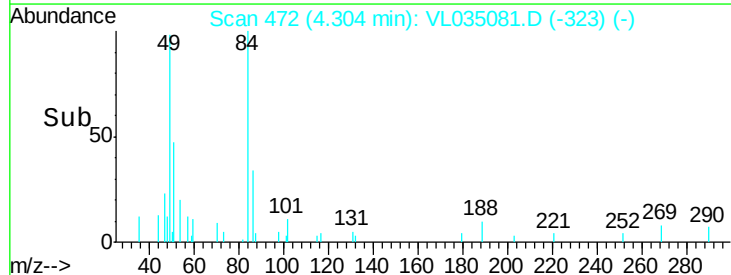
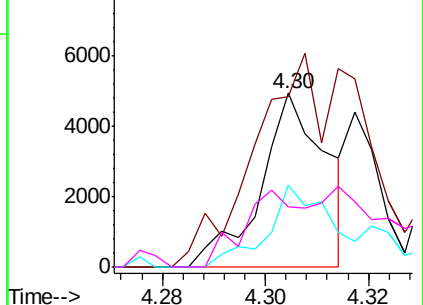


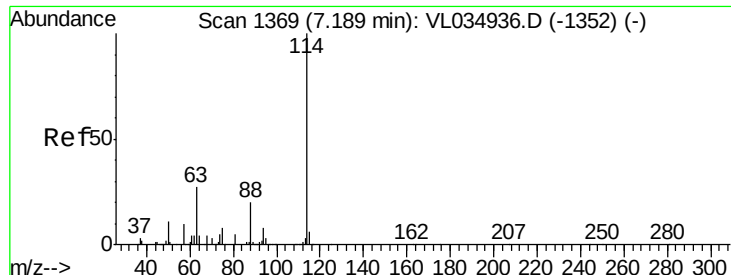
Abundance Ion 84.00 (83.70 to 84.70): VL0

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

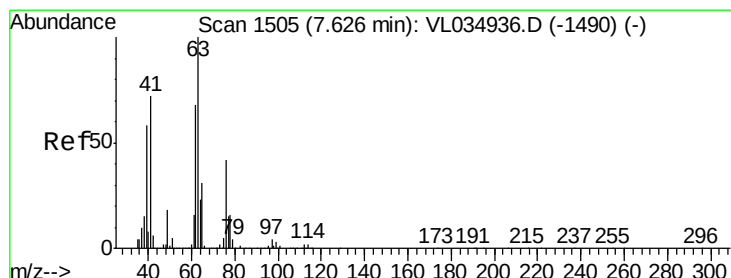
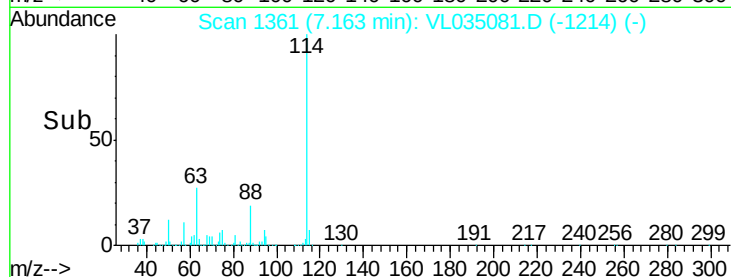
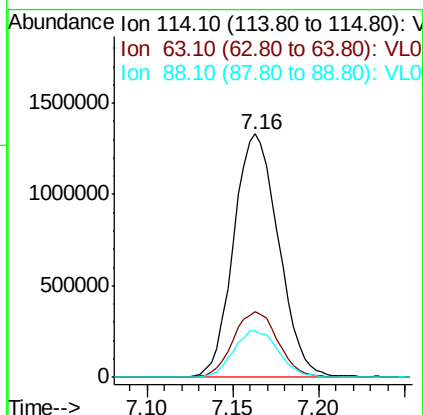
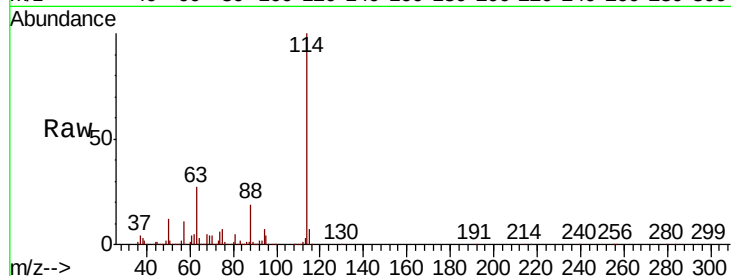




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.16 min Scan# 1361
 Delta R.T. -0.03 min
 Lab File: VL035081.D
 Acq: 22 May 2020 12:43

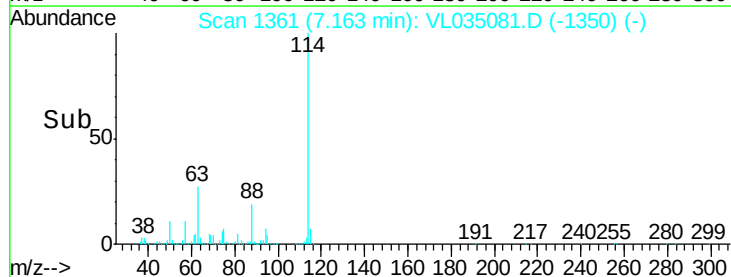
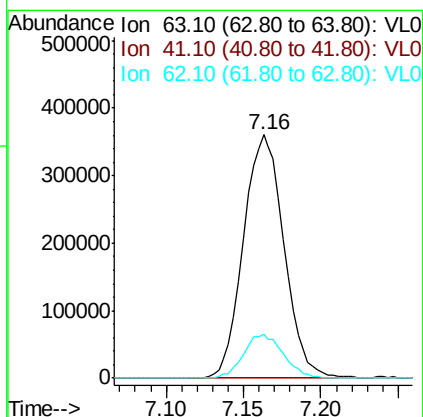
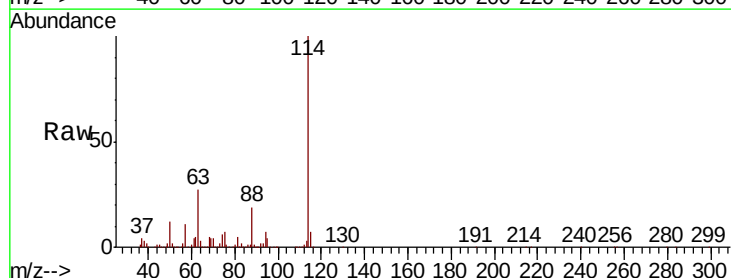
Instrument :
 MSVOA_L
 ClientSampleId :

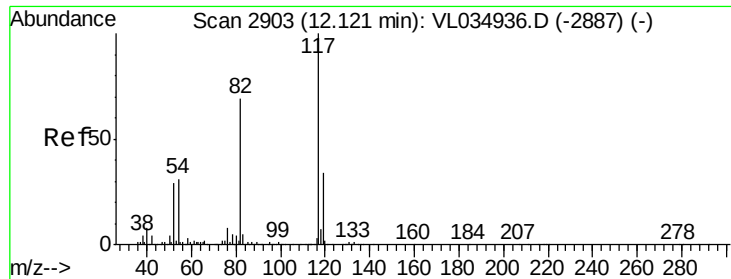
Tot Ion:114 Resp: 2409388
 Ion Ratio Lower Upper
 114 100
 63 27.4 22.2 33.4
 88 19.4 15.5 23.3



#39
 1,2-Dichloropropane
 Concen: 8.243 ppbv
 RT: 7.16 min Scan# 1361
 Delta R.T. -0.46 min
 Lab File: VL035081.D
 Acq: 22 May 2020 12:43

Tgt Ion: 63 Resp: 656420
 Ion Ratio Lower Upper
 63 100
 41 0.0 57.8 86.8#
 62 18.2 54.2 81.2#

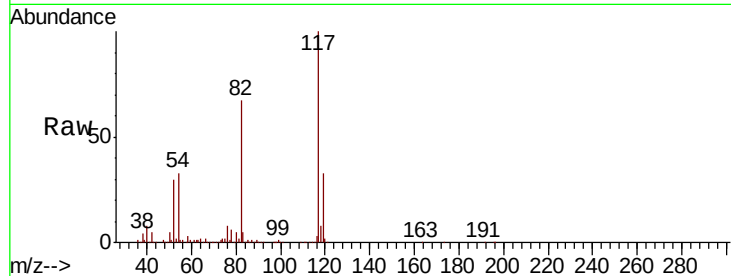




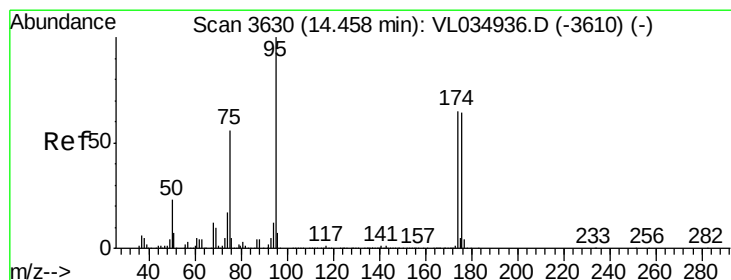
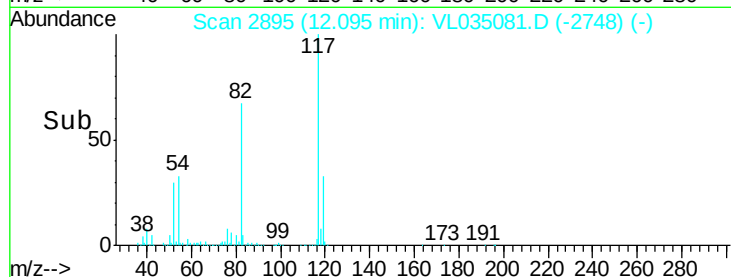
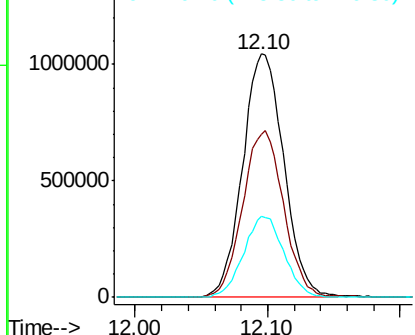
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2895
Delta R.T. -0.03 min
Lab File: VL035081.D
Acq: 22 May 2020 12:43

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion:117 Resp: 2257684
Ion Ratio Lower Upper
117 100
82 68.5 53.1 79.7
119 32.9 26.7 40.1

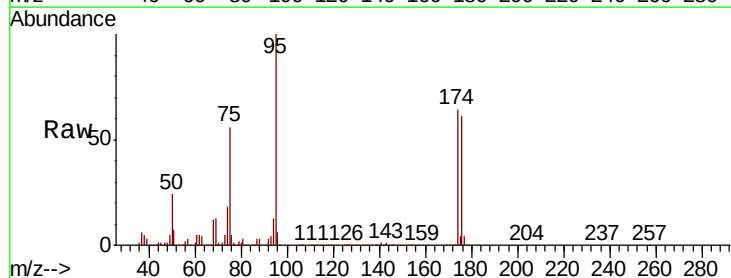


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 10.366 ppbv
RT: 14.44 min Scan# 3623
Delta R.T. -0.02 min
Lab File: VL035081.D
Acq: 22 May 2020 12:43

Tgt Ion: 95 Resp: 1894390
Ion Ratio Lower Upper
95 100
174 64.4 51.5 77.3
175 4.7 3.8 5.8



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

