

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062921\
 Data File : VL037263.D
 Acq On : 30 Jun 2021 00:06
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jun 30 05:23:53 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LWed Jun 16 14:06:32 2021
 QLast Update : Wed Jun 16 14:06:32 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1597217	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.17	114	4688056	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.08	117	4089188	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	3046968	9.83	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.30%

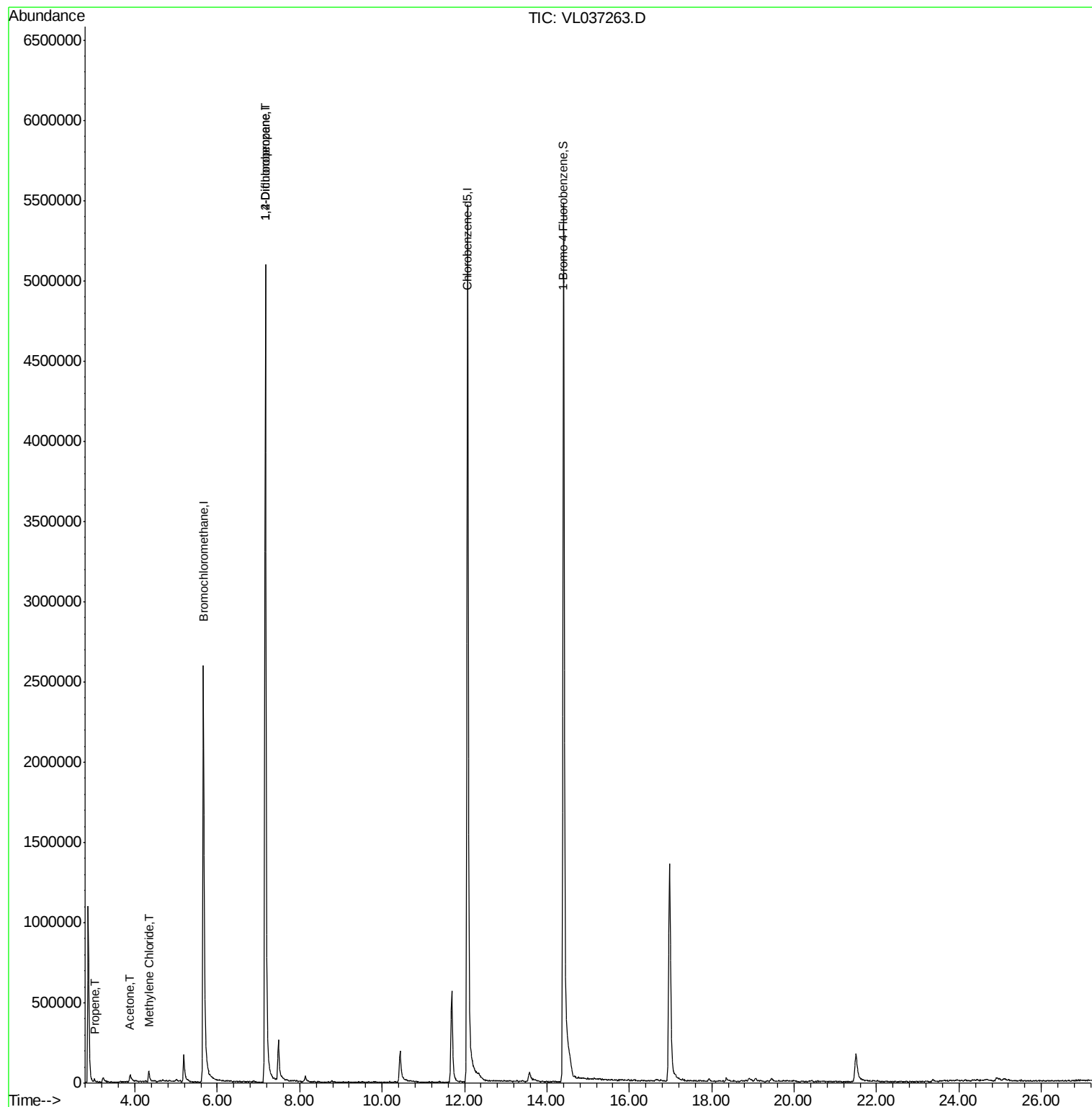
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.01	41	5508	0.055	ppbv	88
15) Acetone	3.87	43	31713	0.176	ppbv #	45
20) Methylene Chloride	4.34	84	25783	0.239	ppbv	98
39) 1,2-Dichloropropane	7.17	63	1137313	8.074	ppbv #	23

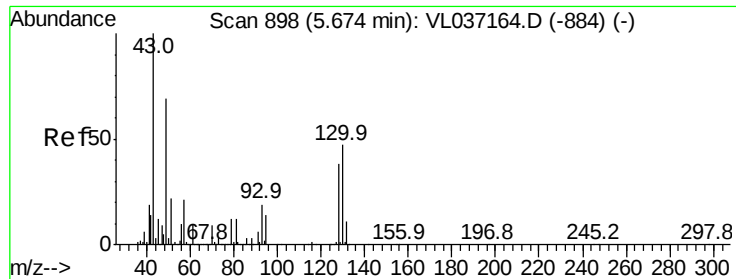
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 893

Delta R.T. -0.02 min

Lab File: VL037263.D

Acq: 30 Jun 2021 00:06

Instrument :

MSVOA_L

ClientSampled :

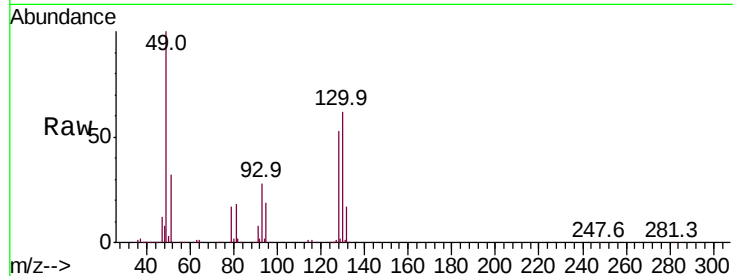
Tot Ion: 49 Resp: 1597217

Ion Ratio Lower Upper

49 100

128 55.0 29.3 88.0

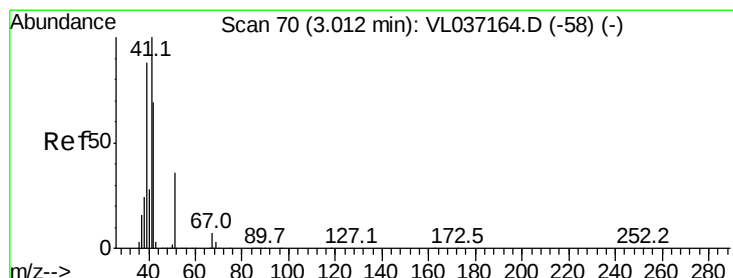
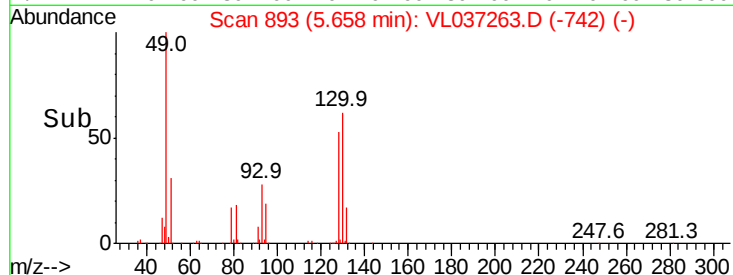
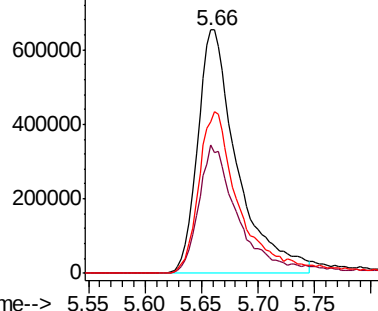
130 71.6 35.9 107.8



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: 0.055 ppbv

RT: 3.01 min Scan# 69

Delta R.T. -0.00 min

Lab File: VL037263.D

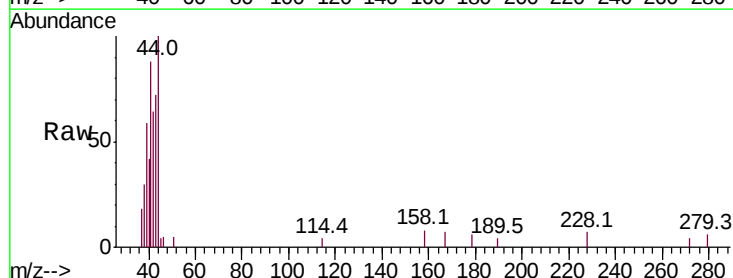
Acq: 30 Jun 2021 00:06

Tgt Ion: 41 Resp: 5508

Ion Ratio Lower Upper

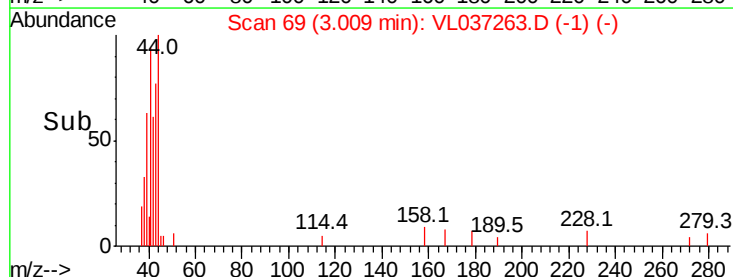
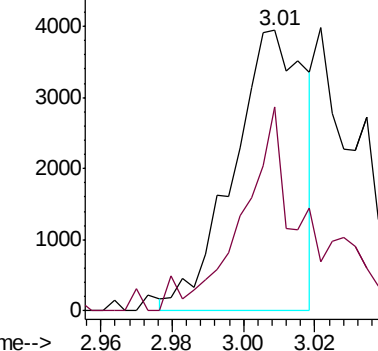
41 100

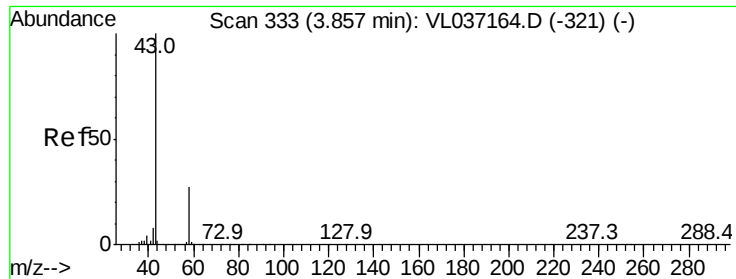
42 78.0 54.5 81.7



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





#15

Acetone

Concen: 0.176 ppbv

RT: 3.87 min Scan# 338

Delta R.T. 0.02 min

Lab File: VL037263.D

Acq: 30 Jun 2021 00:06

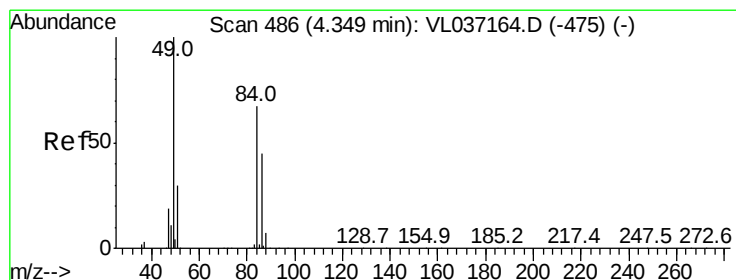
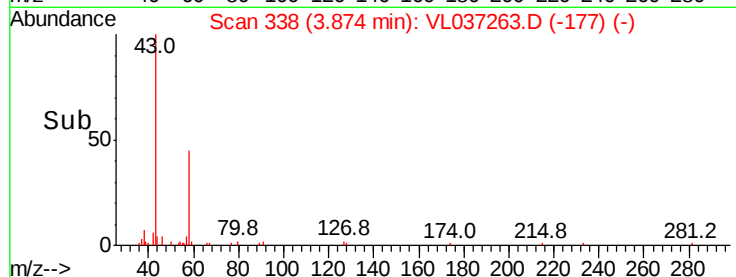
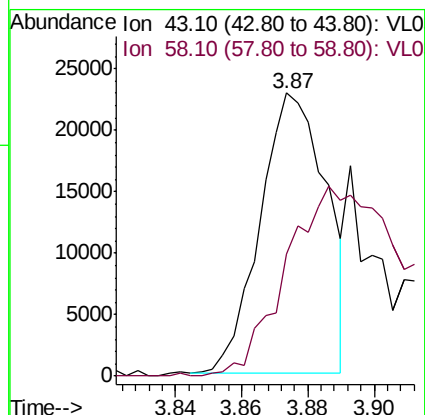
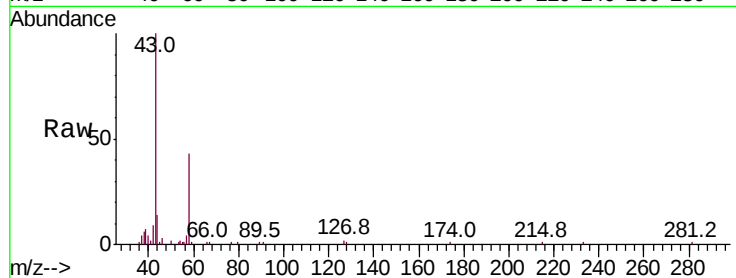
Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 43 Resp: 31713

Ion Ratio Lower Upper

43 100

58 0.0 23.7 35.5#



#20

Methylene Chloride

Concen: 0.239 ppbv

RT: 4.34 min Scan# 483

Delta R.T. -0.01 min

Lab File: VL037263.D

Acq: 30 Jun 2021 00:06

Tgt Ion: 84 Resp: 25783

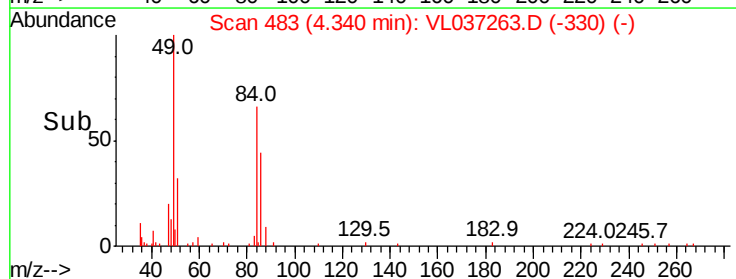
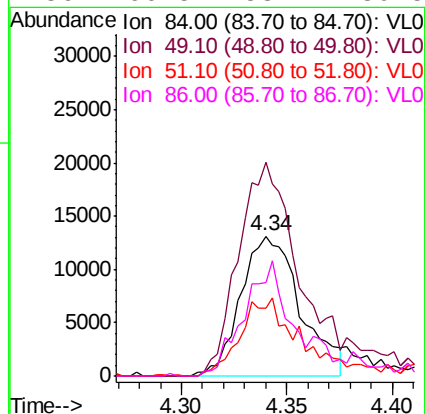
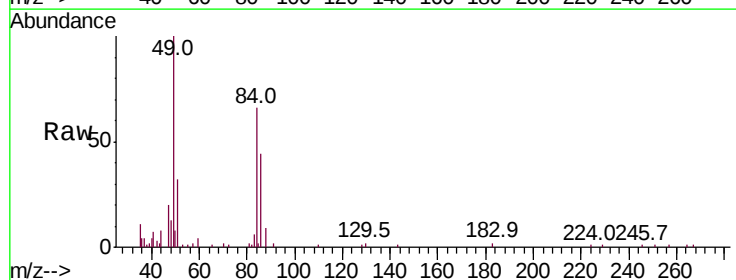
Ion Ratio Lower Upper

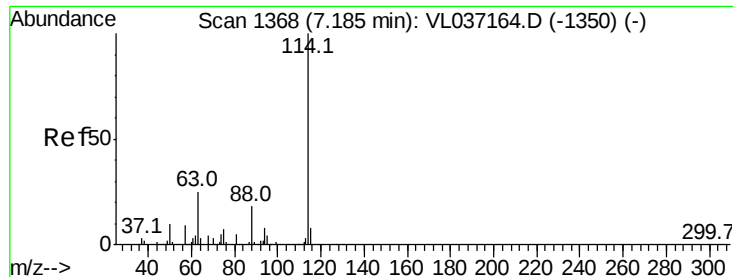
84 100

49 152.6 119.7 179.5

51 48.5 36.1 54.1

86 66.5 53.7 80.5

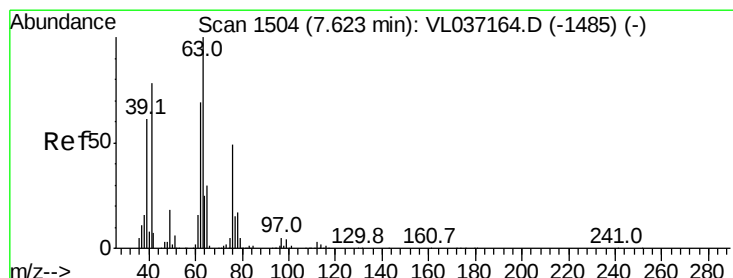
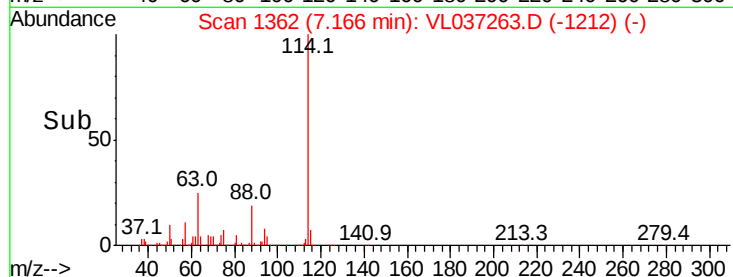
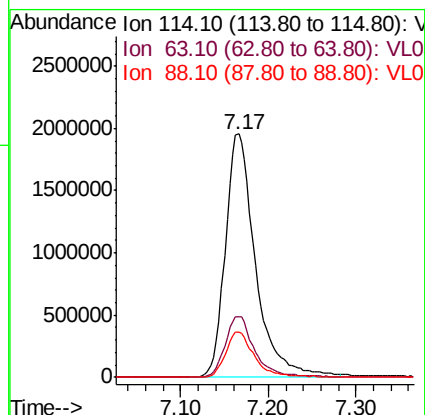
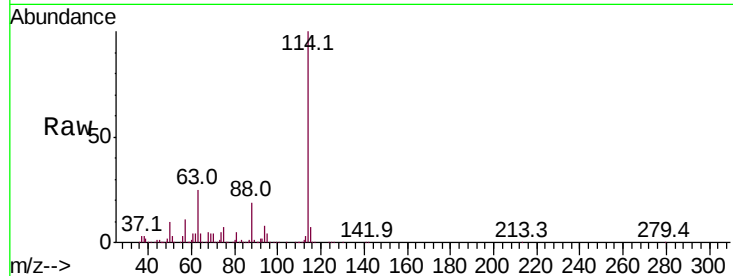




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1362
 Delta R.T. -0.02 min
 Lab File: VL037263.D
 Acq: 30 Jun 2021 00:06

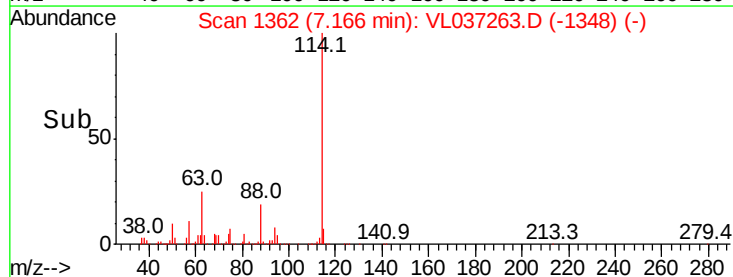
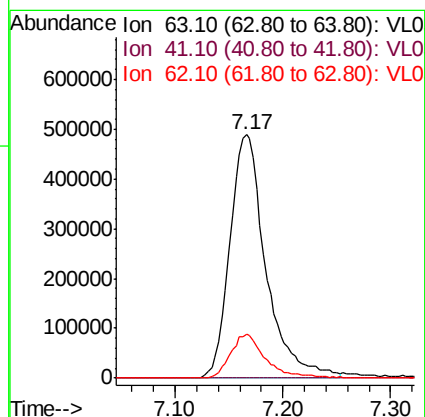
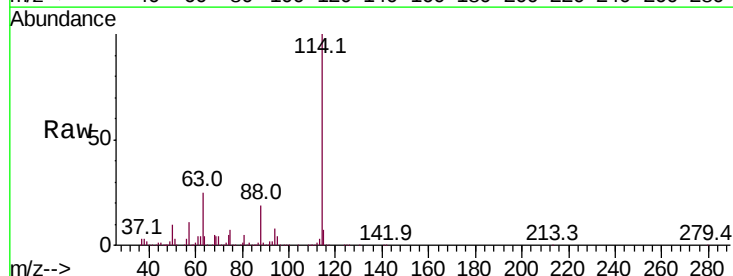
Instrument :
 MSVOA_L
 ClientSampled :

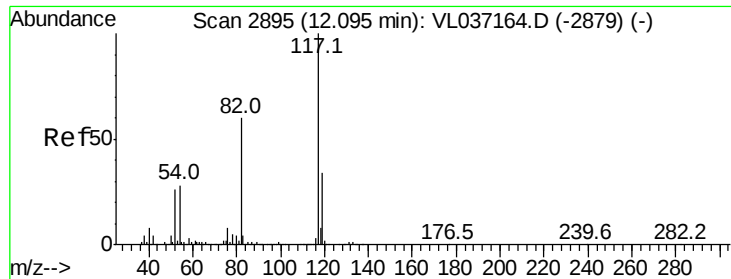
Tot Ion:114 Resp: 4688056
 Ion Ratio Lower Upper
 114 100
 63 24.8 19.6 29.4
 88 18.2 14.2 21.2



#39
 1,2-Dichloropropane
 Concen: 8.074 ppbv
 RT: 7.17 min Scan# 1362
 Delta R.T. -0.46 min
 Lab File: VL037263.D
 Acq: 30 Jun 2021 00:06

Tgt Ion: 63 Resp: 1137313
 Ion Ratio Lower Upper
 63 100
 41 0.0 62.0 93.0#
 62 17.9 54.9 82.3#

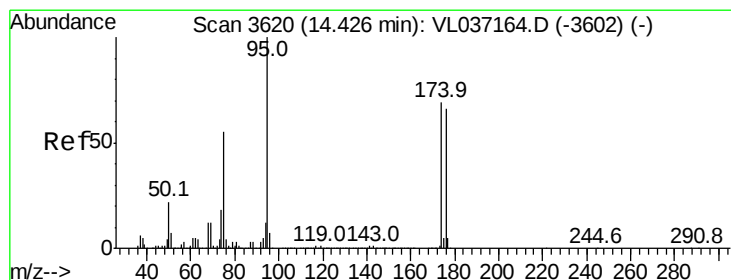
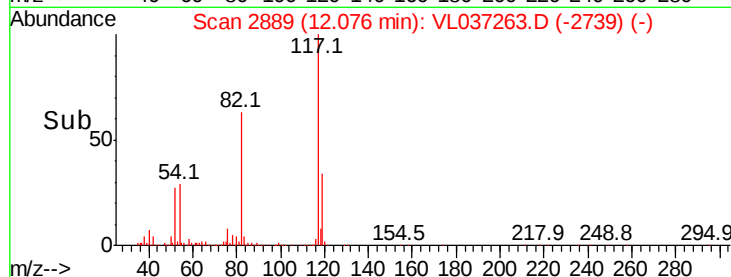
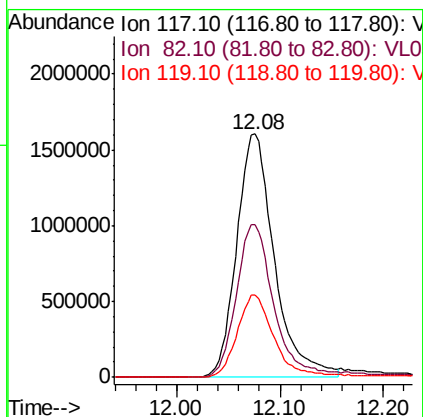
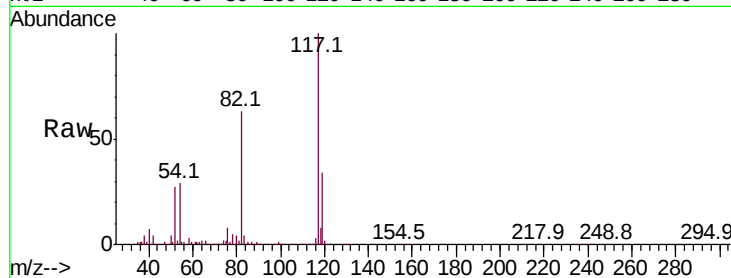




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2889
Delta R.T. -0.02 min
Lab File: VL037263.D
Acq: 30 Jun 2021 00:06

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion:117 Resp: 4089188
Ion Ratio Lower Upper
117 100
82 67.8 51.7 77.5
119 34.2 47.6 71.4#



#68
1-Bromo-4-Fluorobenzene
Concen: 9.833 ppbv
RT: 14.41 min Scan# 3614
Delta R.T. -0.02 min
Lab File: VL037263.D
Acq: 30 Jun 2021 00:06

Tgt Ion: 95 Resp: 3046968
Ion Ratio Lower Upper
95 100
174 76.3 57.0 85.4
175 5.9 4.4 6.6

