

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062921\
 Data File : VL037259.D
 Acq On : 29 Jun 2021 21:27
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jun 30 05:23:00 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-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	1580678	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.17	114	4608132	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.07	117	4103610	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	3032713	9.75	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.50%

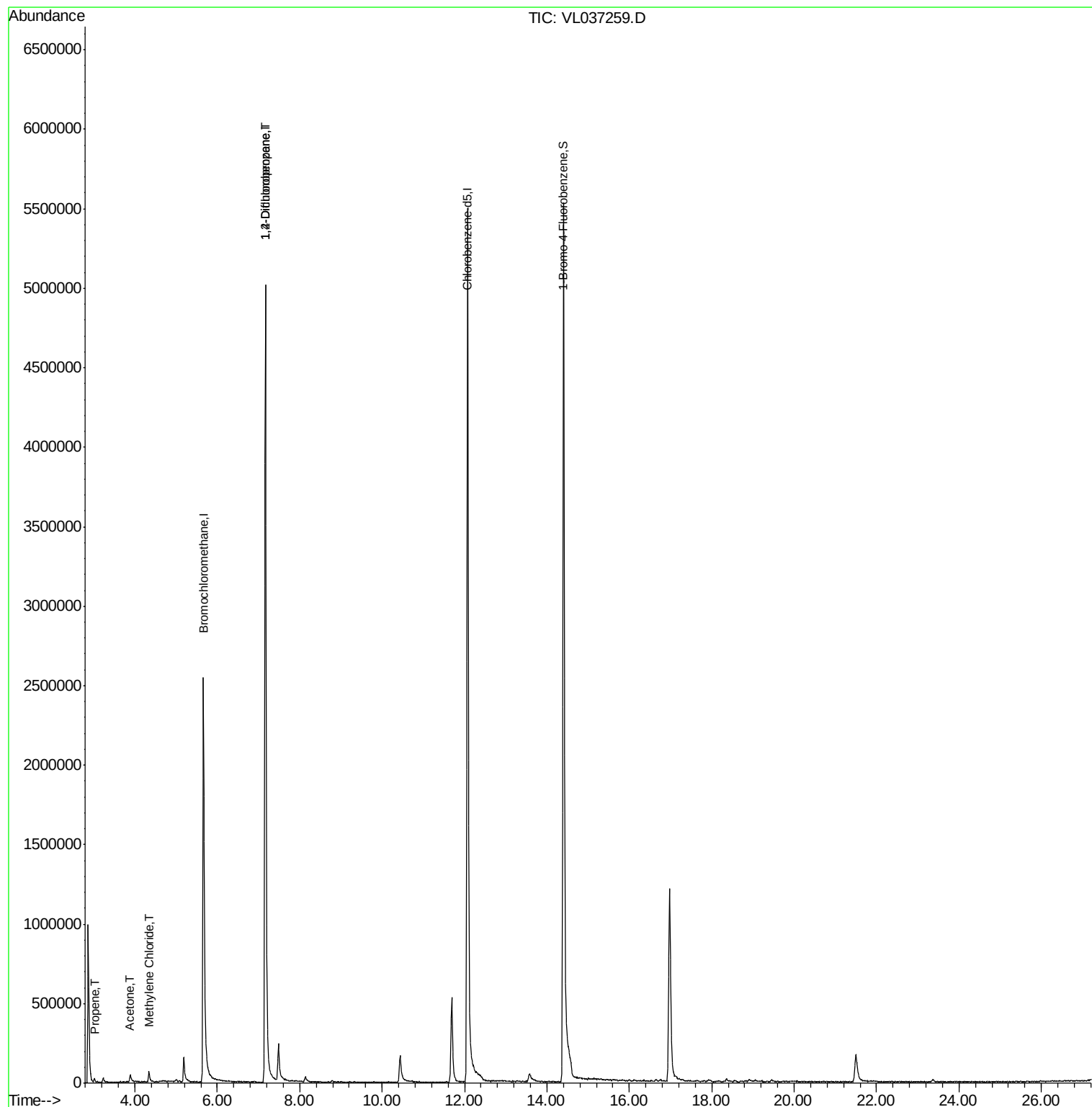
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.02	41	4727	0.048	ppbv #	53
15) Acetone	3.88	43	31248	0.175	ppbv #	45
20) Methylene Chloride	4.34	84	13602	0.127	ppbv #	90
39) 1,2-Dichloropropane	7.17	63	1127462	8.143	ppbv #	22

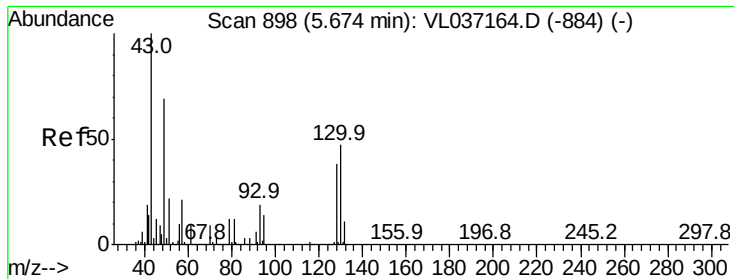
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 16 14:06:32 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 893

Delta R.T. -0.02 min

Lab File: VL037259.D

Acq: 29 Jun 2021 21:27

Instrument :

MSVOA_L

ClientSampled :

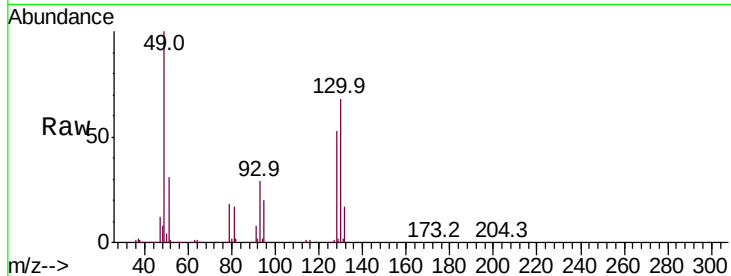
Tot Ion: 49 Resp: 1580678

Ion Ratio Lower Upper

49 100

128 55.5 29.3 88.0

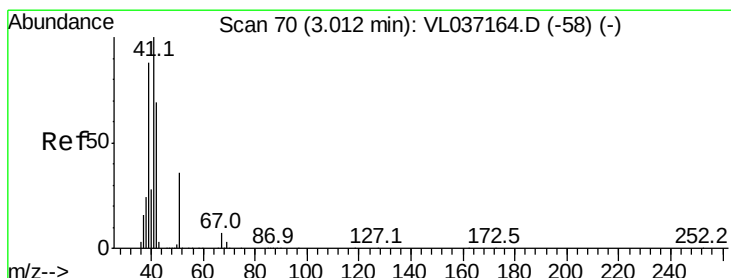
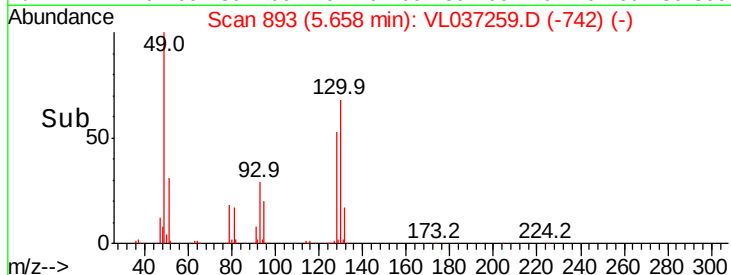
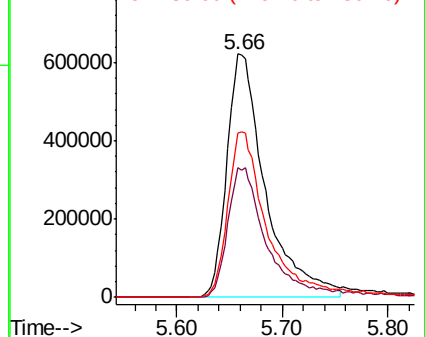
130 72.0 35.9 107.8



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: 0.048 ppbv

RT: 3.02 min Scan# 71

Delta R.T. 0.00 min

Lab File: VL037259.D

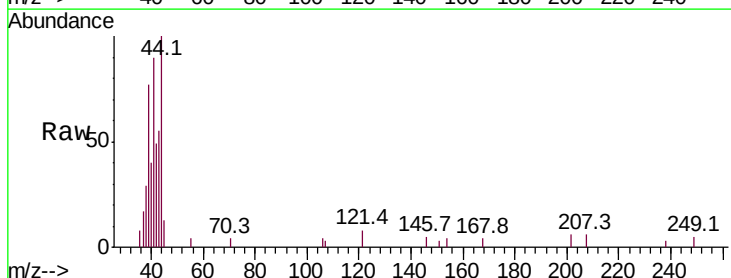
Acq: 29 Jun 2021 21:27

Tgt Ion: 41 Resp: 4727

Ion Ratio Lower Upper

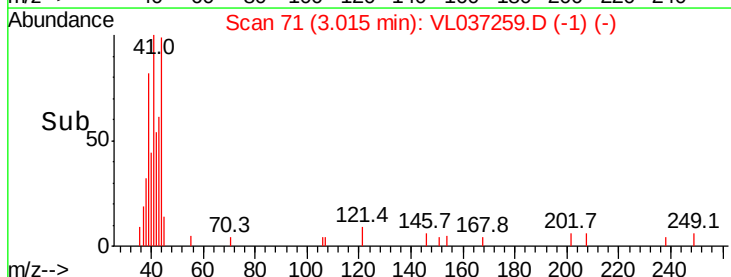
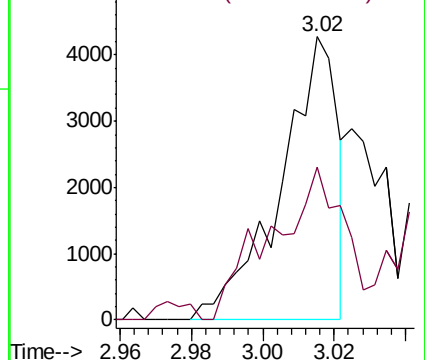
41 100

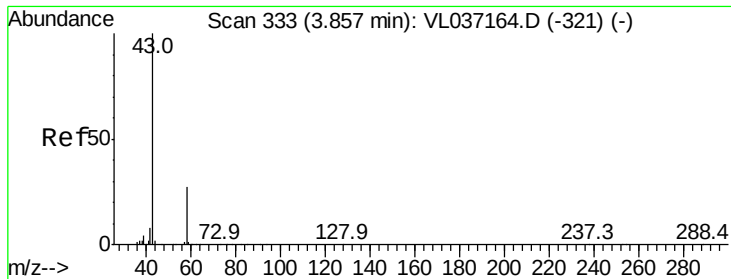
42 105.7 54.5 81.7#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





#15

Acetone

Concen: 0.175 ppbv

RT: 3.88 min Scan# 339

Delta R.T. 0.02 min

Lab File: VL037259.D

Acq: 29 Jun 2021 21:27

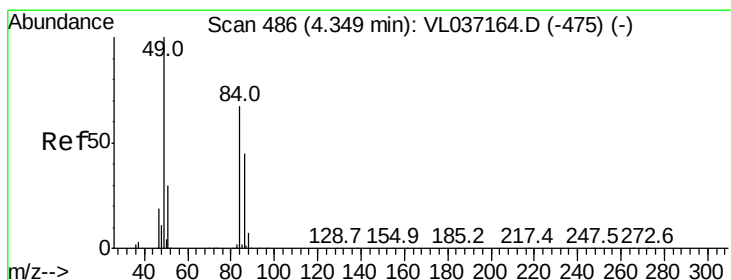
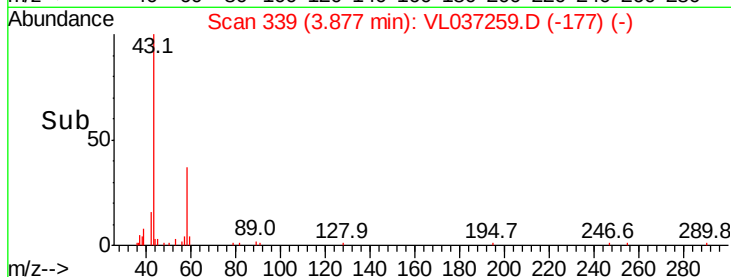
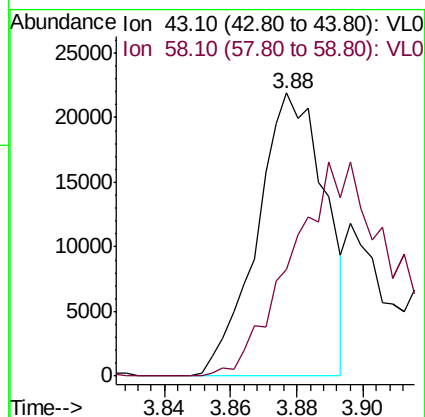
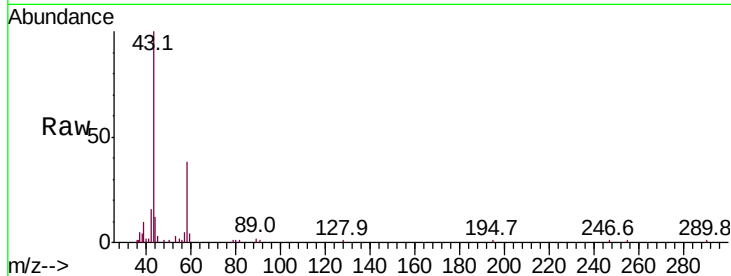
Instrument :
MSVOA_L
ClientSampled :

Tot Ion: 43 Resp: 31248

Ion Ratio Lower Upper

43 100

58 0.0 23.7 35.5#



#20

Methylene Chloride

Concen: 0.127 ppbv

RT: 4.34 min Scan# 484

Delta R.T. -0.01 min

Lab File: VL037259.D

Acq: 29 Jun 2021 21:27

Tgt Ion: 84 Resp: 13602

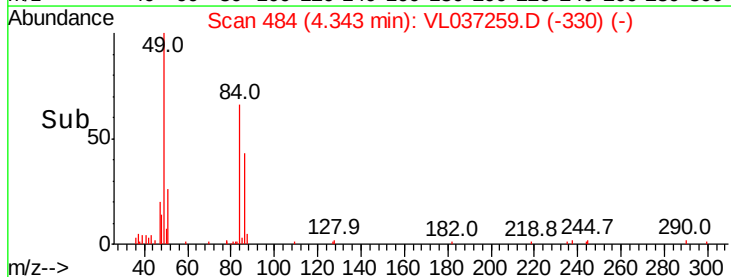
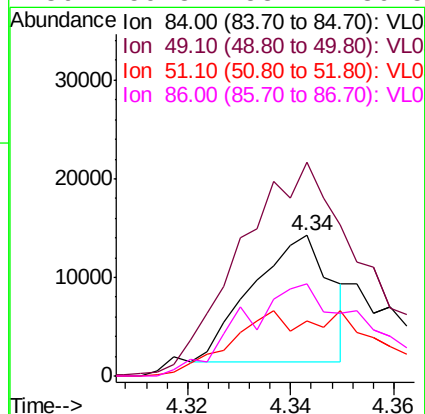
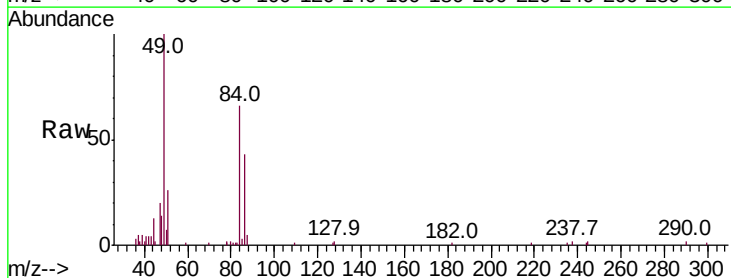
Ion Ratio Lower Upper

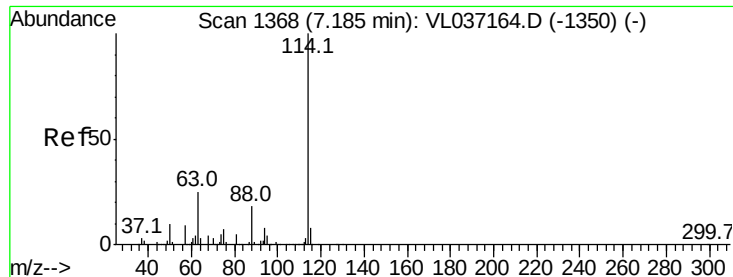
84 100

49 140.1 119.7 179.5

51 33.4 36.1 54.1#

86 59.8 53.7 80.5

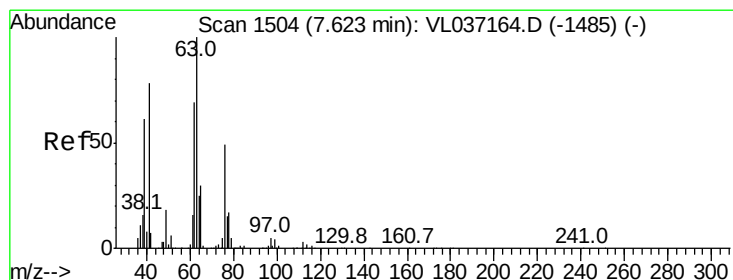
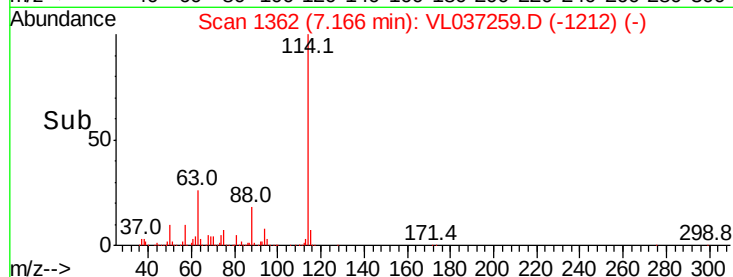
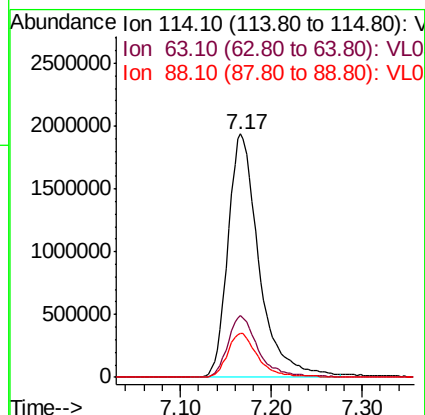
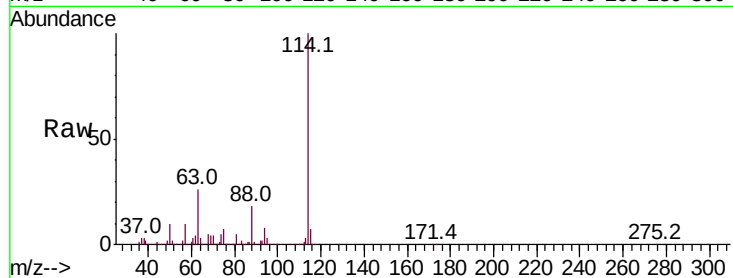




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1362
 Delta R.T. -0.02 min
 Lab File: VL037259.D
 Acq: 29 Jun 2021 21:27

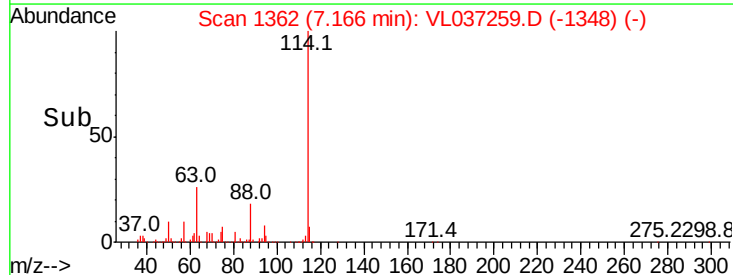
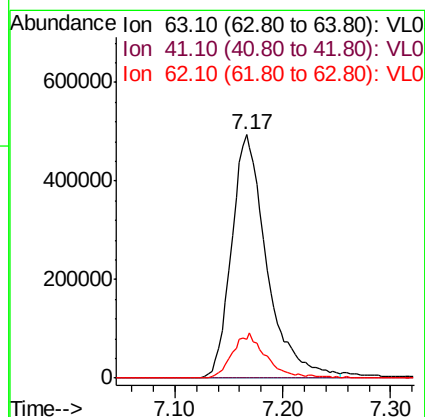
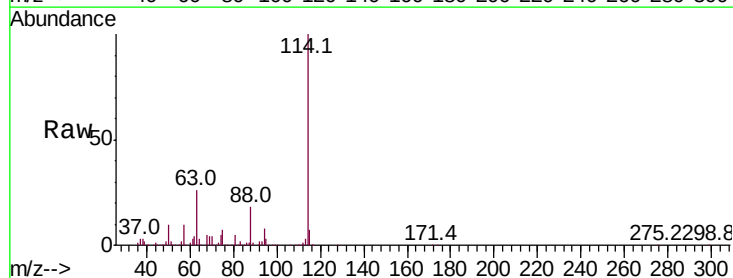
Instrument :
 MSVOA_L
 ClientSampleId :

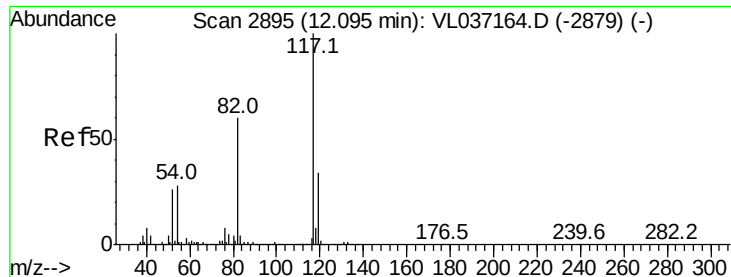
Tot Ion:114 Resp: 4608132
 Ion Ratio Lower Upper
 114 100
 63 24.9 19.6 29.4
 88 18.1 14.2 21.2



#39
 1,2-Dichloropropane
 Concen: 8.143 ppbv
 RT: 7.17 min Scan# 1362
 Delta R.T. -0.46 min
 Lab File: VL037259.D
 Acq: 29 Jun 2021 21:27

Tgt Ion: 63 Resp: 1127462
 Ion Ratio Lower Upper
 63 100
 41 0.0 62.0 93.0#
 62 16.1 54.9 82.3#

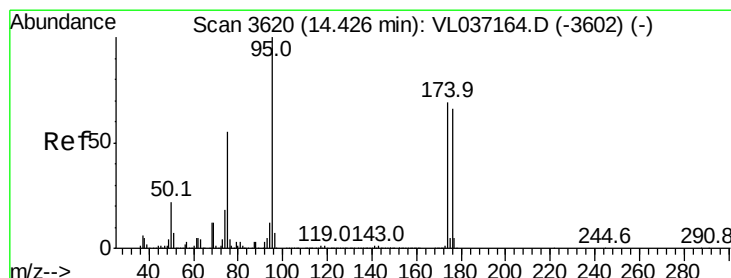
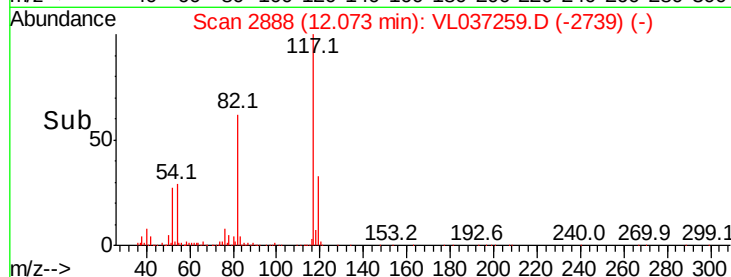
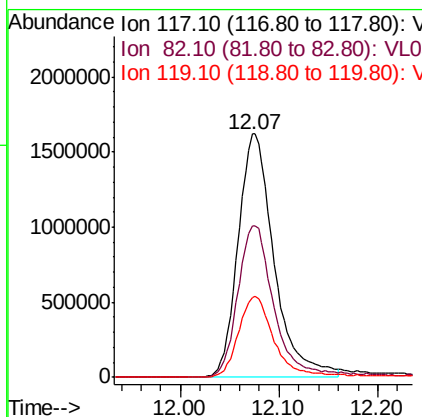
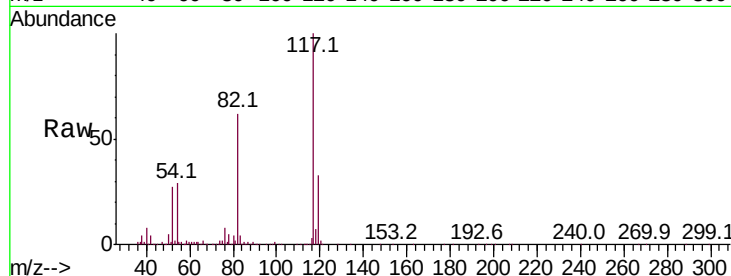




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2888
Delta R.T. -0.02 min
Lab File: VL037259.D
Acq: 29 Jun 2021 21:27

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion:117 Resp: 4103610
Ion Ratio Lower Upper
117 100
82 65.1 51.7 77.5
119 34.2 47.6 71.4#



#68
1-Bromo-4-Fluorobenzene
Concen: 9.753 ppbv
RT: 14.41 min Scan# 3614
Delta R.T. -0.02 min
Lab File: VL037259.D
Acq: 29 Jun 2021 21:27

Tgt Ion: 95 Resp: 3032713
Ion Ratio Lower Upper
95 100
174 76.5 57.0 85.4
175 5.6 4.4 6.6

