

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL090820\
 Data File : VL035562.D
 Acq On : 8 Sep 2020 18:52
 Operator : SY/AP
 Sample : L3898-03DL 80X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-3DL

Quant Time: Sep 09 09:08:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL082720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Aug 27 06:46:28 2020
 QLast Update : Thu Aug 27 06:46:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1161889	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.17	114	4808551	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.09	117	4915773	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	3621236	10.37	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.70%

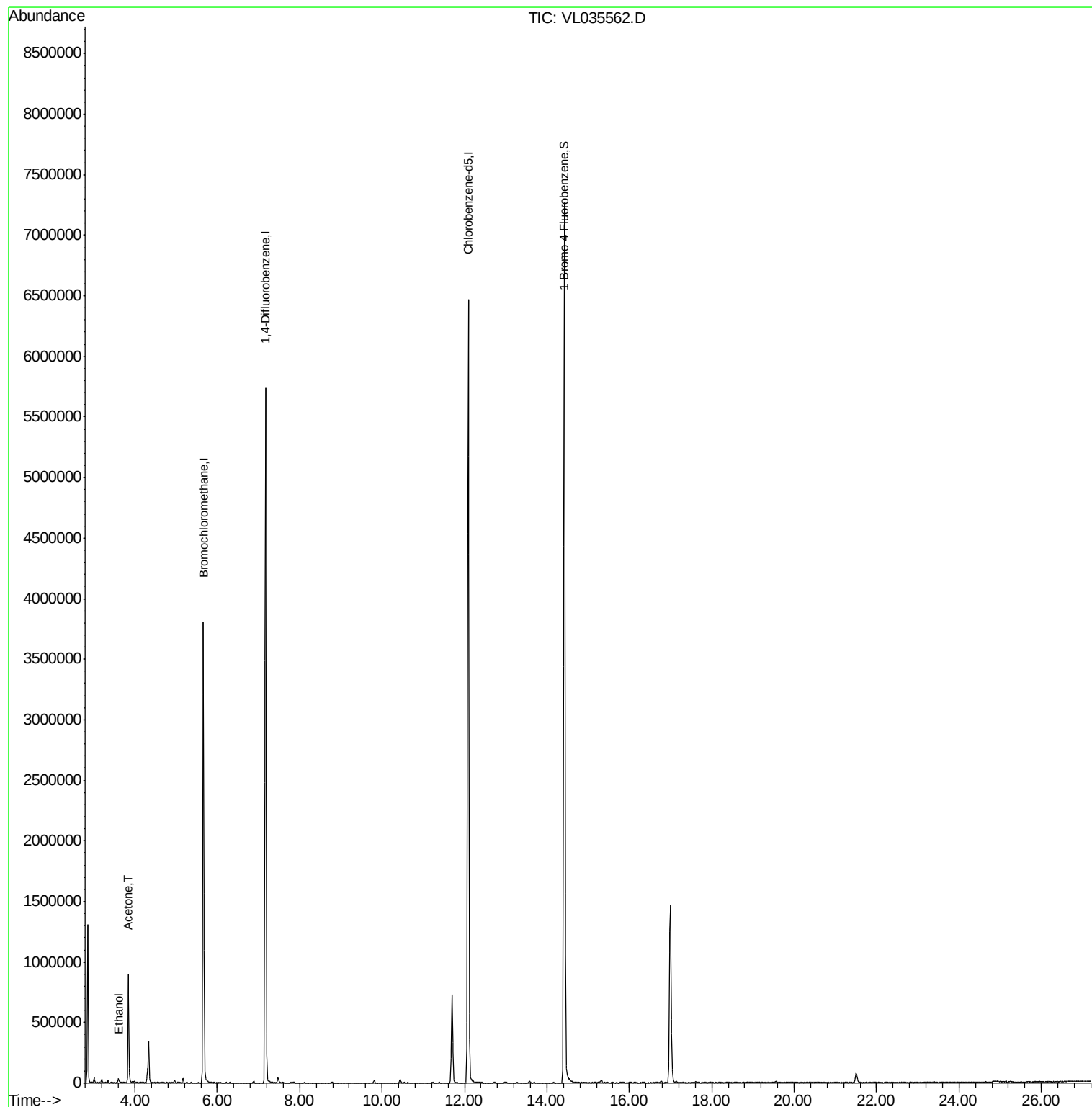
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.60	45	31967	2.603	ppbv	96
15) Acetone	3.84	43	831615	6.490	ppbv	99

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

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 893

Delta R.T. -0.03 min

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ClientSampleId :
IA-3DL

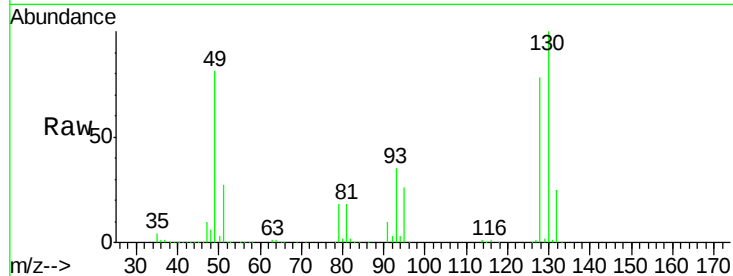
Tot Ion: 49 Resp: 1161889

Ion Ratio Lower Upper

49 100

128 96.1 50.0 150.1

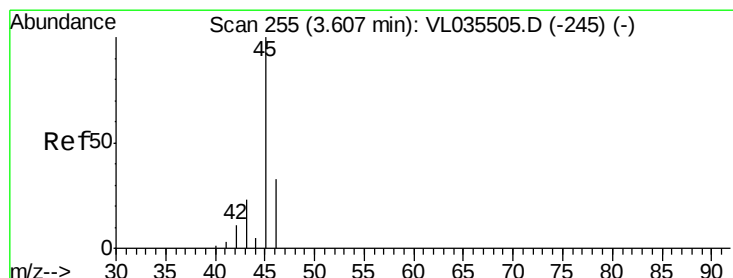
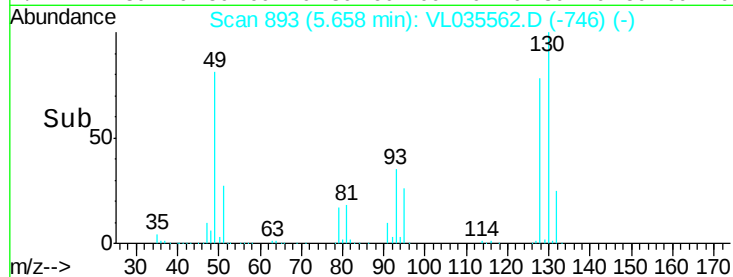
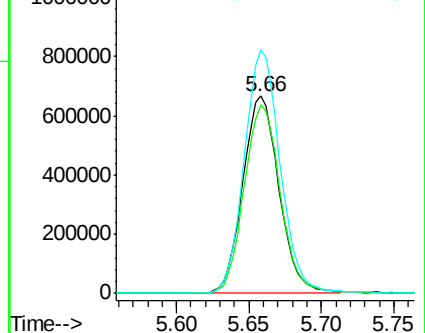
130 124.3 64.4 193.2



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: 2.603 ppbv

RT: 3.60 min Scan# 253

Delta R.T. -0.01 min

Lab File: VL035562.D

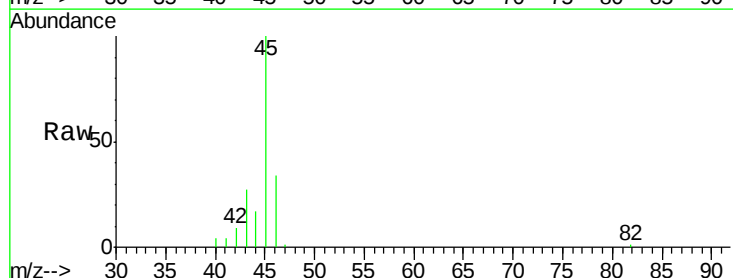
Acq: 8 Sep 2020 18:52

Tgt Ion: 45 Resp: 31967

Ion Ratio Lower Upper

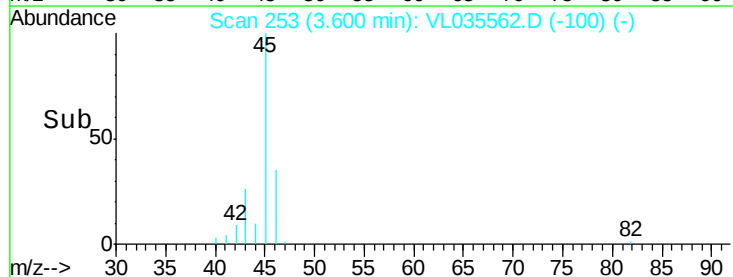
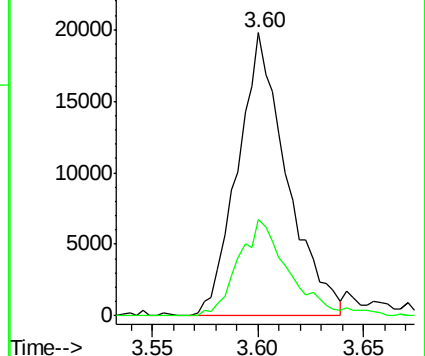
45 100

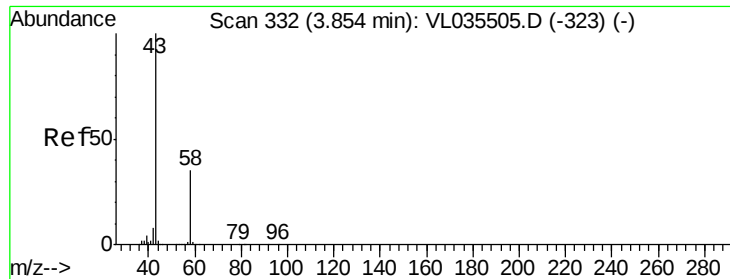
46 35.2 15.2 60.6



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





#15

Acetone

Concen: 6.490 ppbv

RT: 3.84 min Scan# 327

Delta R.T. -0.02 min

Lab File: VL035562.D

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Instrument :

MSVOA_L

ClientSampleID :

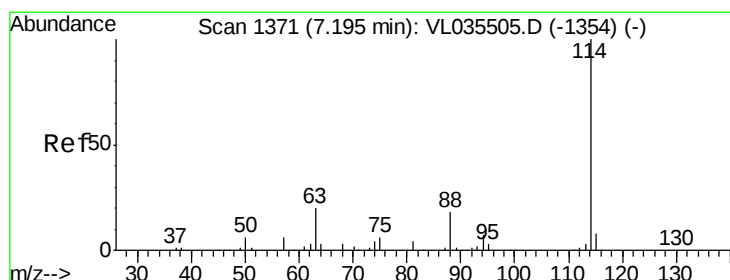
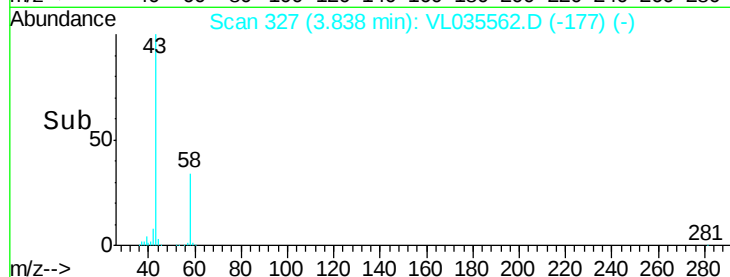
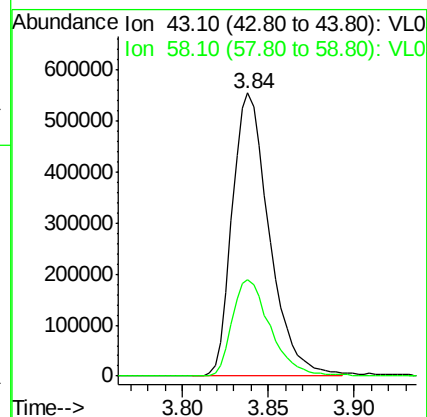
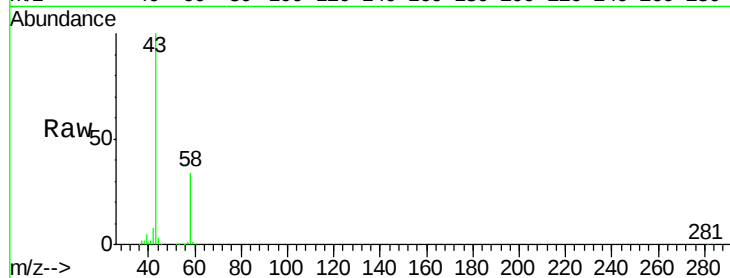
IA-3DL

Tot Ion: 43 Resp: 831615

Ion Ratio Lower Upper

43 100

58 35.8 28.4 42.6



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.17 min Scan# 1363

Delta R.T. -0.03 min

Lab File: VL035562.D

Acq: 8 Sep 2020 18:52

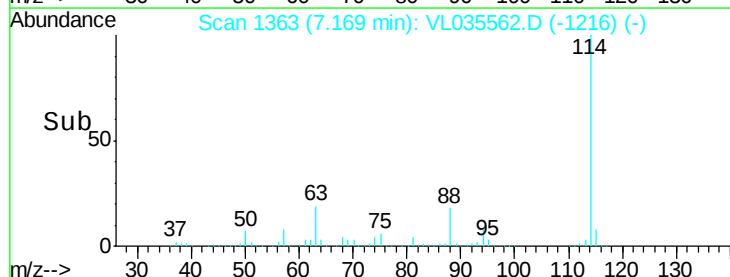
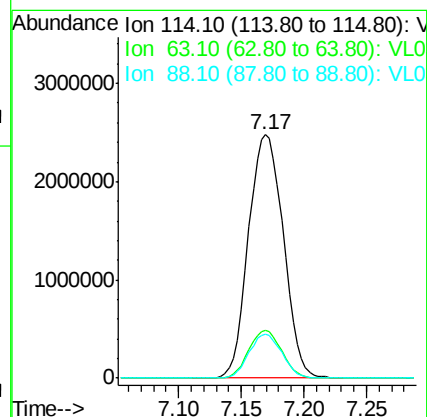
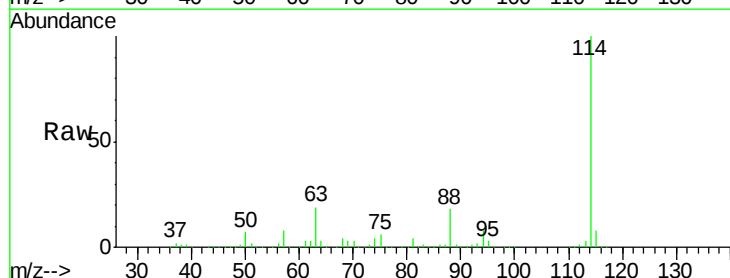
Tgt Ion: 114 Resp: 4808551

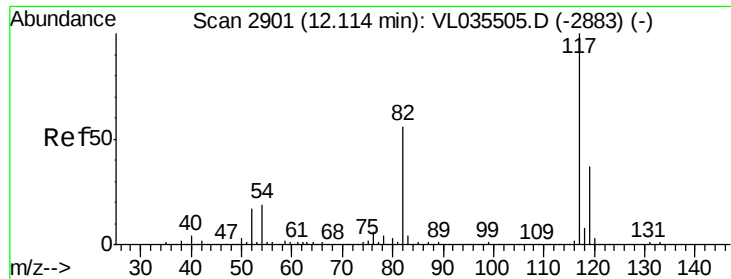
Ion Ratio Lower Upper

114 100

63 18.7 14.7 22.1

88 17.2 13.4 20.2

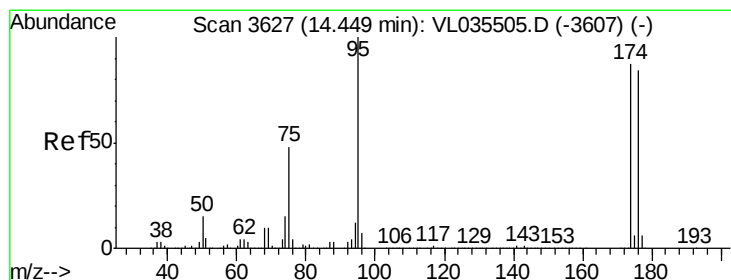
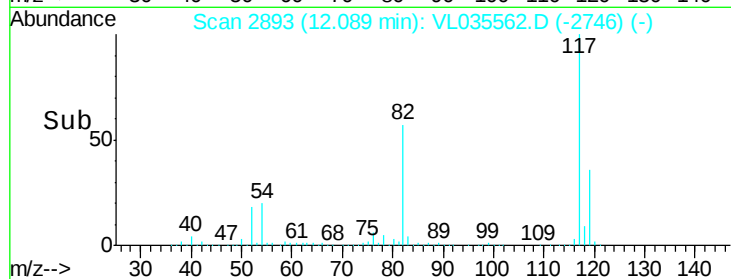
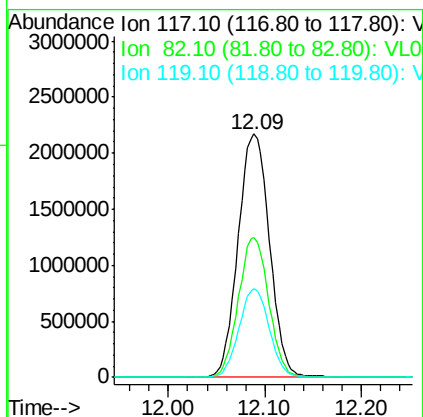
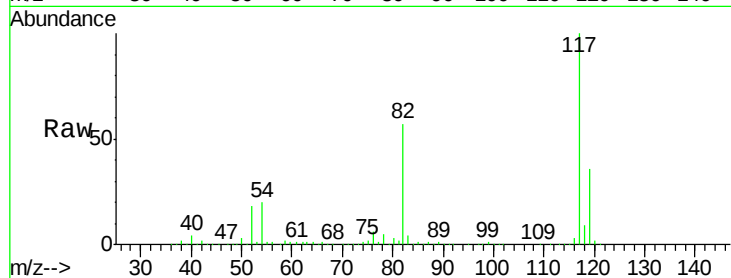




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2893
Delta R.T. -0.03 min
Lab File: VL035562.D
Acq: 8 Sep 2020 18:52

Instrument :
MSVOA_L
ClientSampleId :
IA-3DL

Tot Ion:117 Resp: 4915773
Ion Ratio Lower Upper
117 100
82 55.6 41.6 62.4
119 35.1 29.3 43.9



#68
1-Bromo-4-Fluorobenzene
Concen: 10.373 ppbv
RT: 14.42 min Scan# 3619
Delta R.T. -0.03 min
Lab File: VL035562.D
Acq: 8 Sep 2020 18:52

Tgt Ion: 95 Resp: 3621236
Ion Ratio Lower Upper
95 100
174 85.1 69.6 104.4
175 6.2 5.1 7.7

