

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100819\
 Data File : VL034255.D
 Acq On : 8 Oct 2019 19:13
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Oct 09 05:20:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091719AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Wed Sep 18 12:53:31 2019
 QLast Update : Wed Sep 18 12:53:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.69	49	1051232	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.21	114	1737438	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.15	117	1683010	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.49	95	1514667	10.36	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.60%

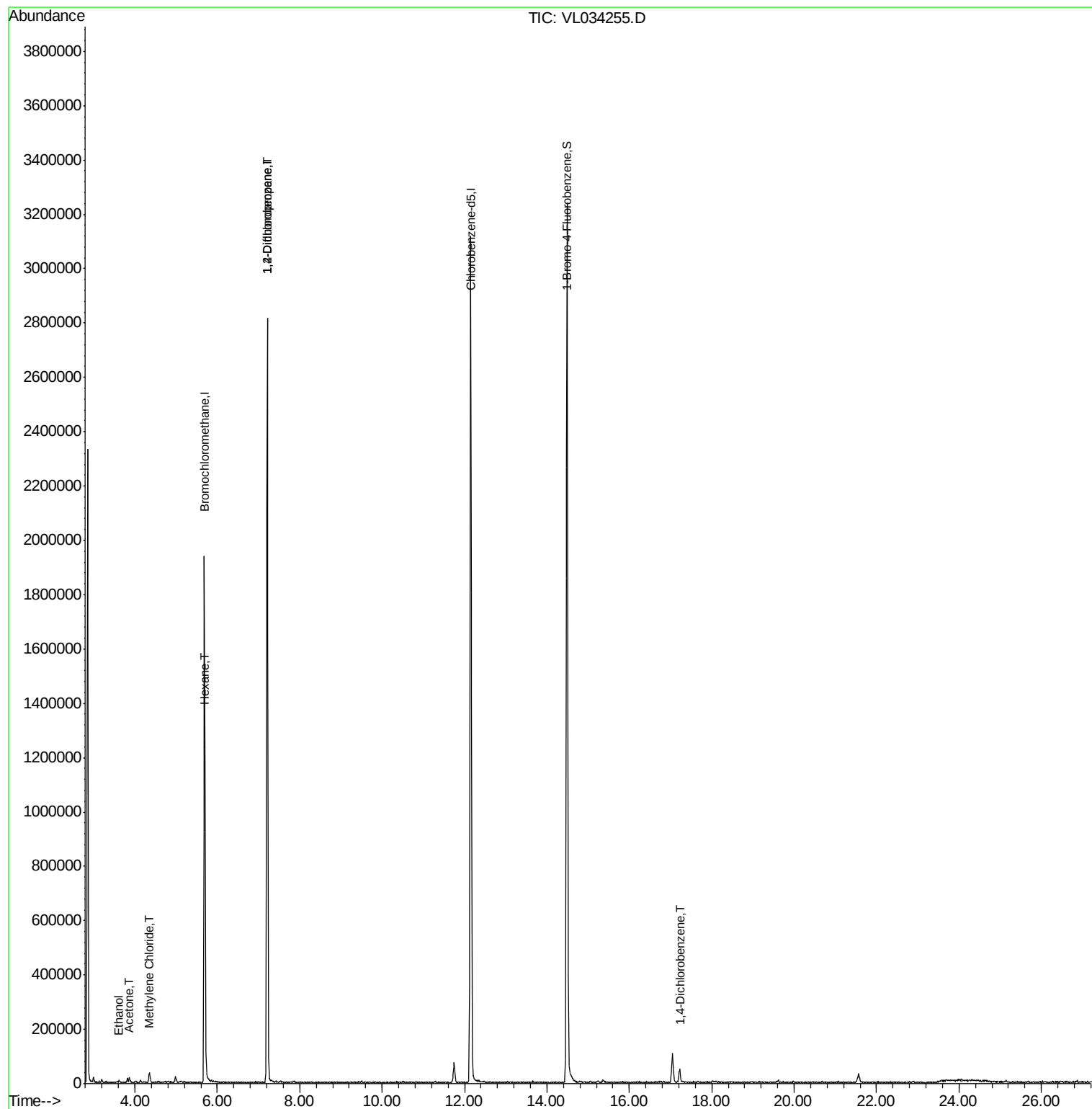
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Ethanol	3.61	45	2356	0.160	ppbv #	19
15) Acetone	3.86	43	15289	0.109	ppbv #	49
20) Methylene Chloride	4.34	84	6206	0.153	ppbv #	92
26) Hexane	5.71	57	6889	0.062	ppbv #	43
39) 1,2-Dichloropropane	7.21	63	314181	3.644	ppbv #	20
76) 1,4-Dichlorobenzene	17.22	146	9296	0.065	ppbv #	1

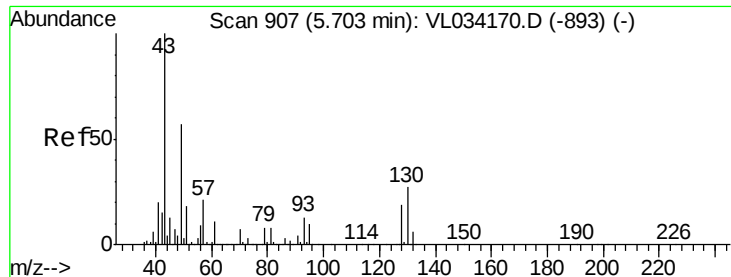
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.69 min Scan# 902

Delta R.T. -0.02 min

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Instrument :

MSVOA_L

ClientSampleId :

VIBLK

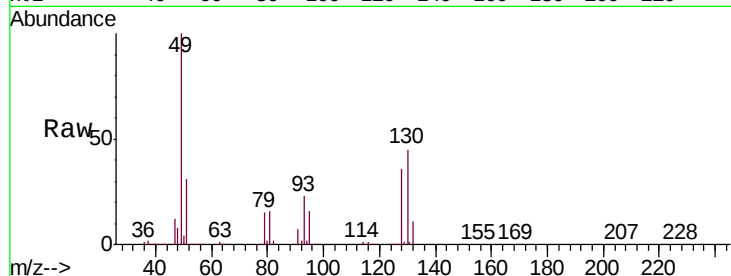
Tgt Ion: 49 Resp: 1051232

Ion Ratio Lower Upper

49 100

128 35.5 17.6 52.9

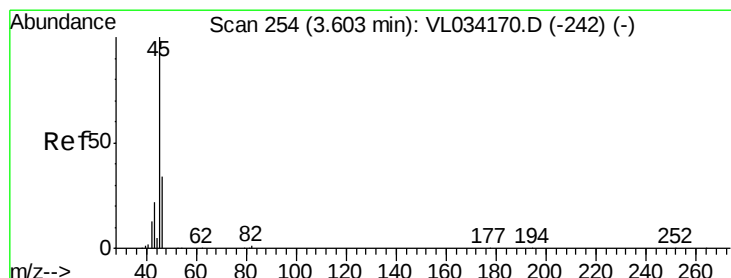
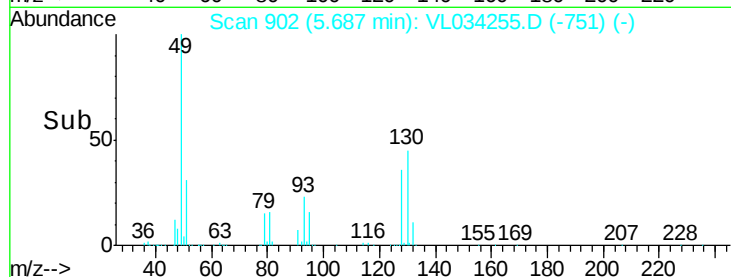
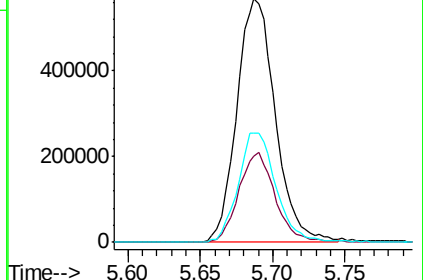
130 44.4 22.3 66.9



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



#13

Ethanol

Concen: 0.160 ppbv

RT: 3.61 min Scan# 257

Delta R.T. 0.01 min

Lab File: VL034255.D

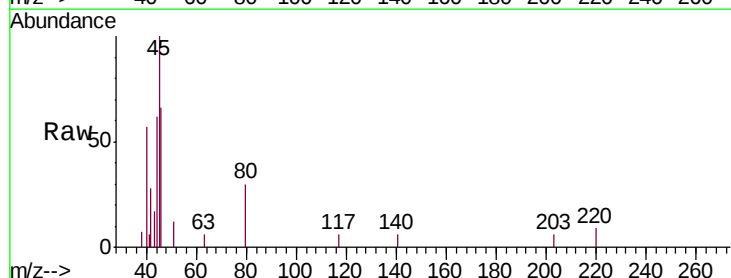
Acq: 8 Oct 2019 19:13

Tgt Ion: 45 Resp: 2356

Ion Ratio Lower Upper

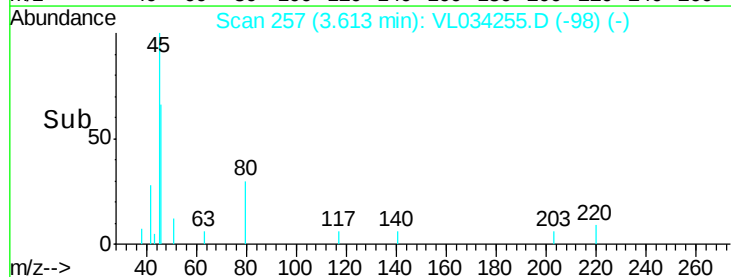
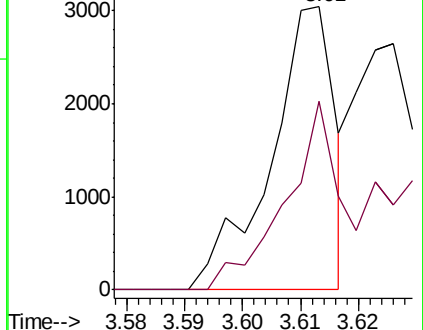
45 100

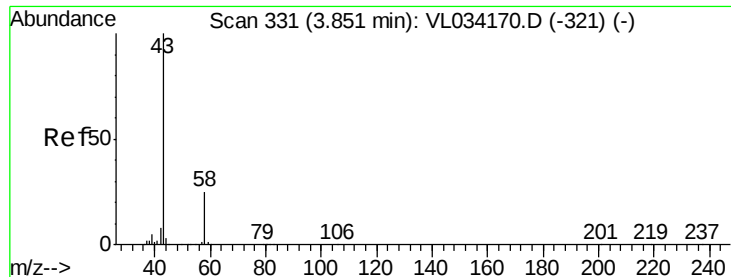
46 87.9 15.5 61.9#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





#15

Acetone

Concen: 0.109 ppbv

RT: 3.86 min Scan# 335

Delta R.T. 0.01 min

Lab File: VL034255.D

Acq: 8 Oct 2019 19:13

Instrument :

MSVOA_L

ClientSampleId :

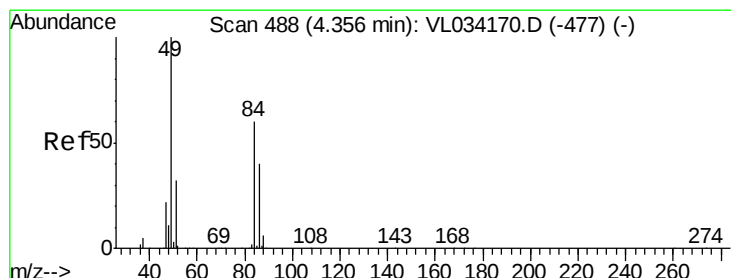
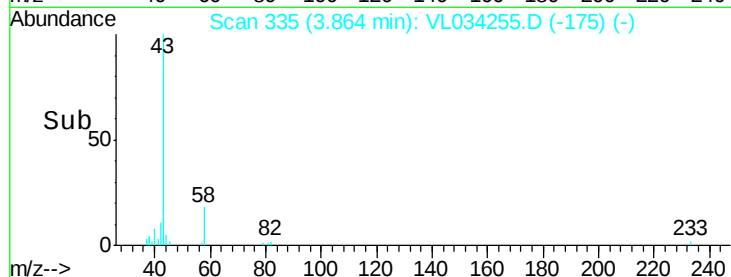
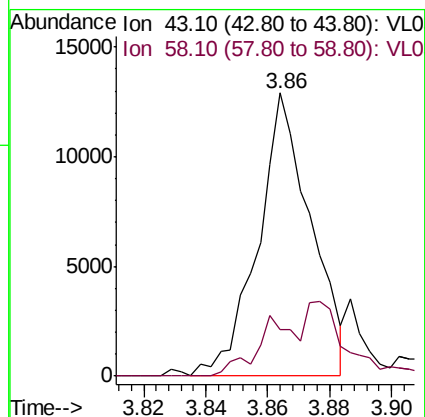
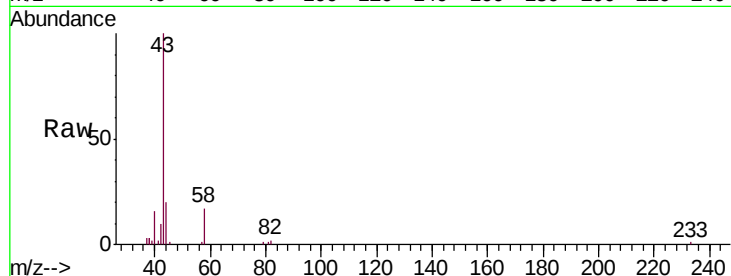
VIBLK

Tgt Ion: 43 Resp: 15289

Ion Ratio Lower Upper

43 100

58 0.0 20.5 30.7#



#20

Methylene Chloride

Concen: 0.153 ppbv

RT: 4.34 min Scan# 484

Delta R.T. -0.01 min

Lab File: VL034255.D

Acq: 8 Oct 2019 19:13

Tgt Ion: 84 Resp: 6206

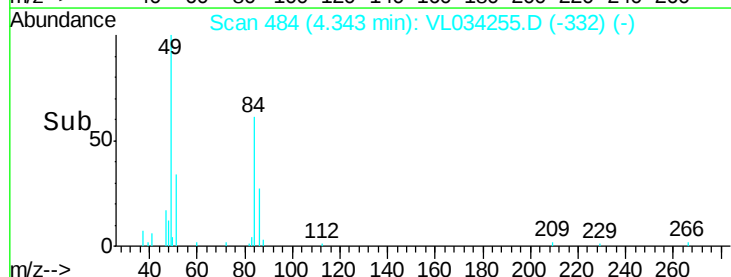
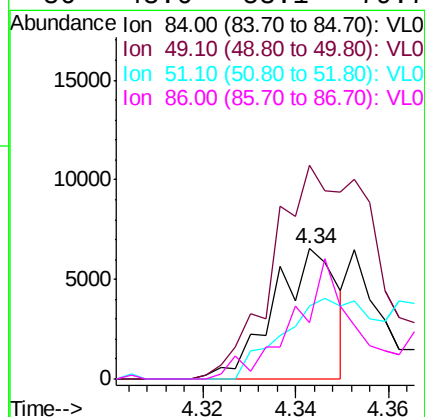
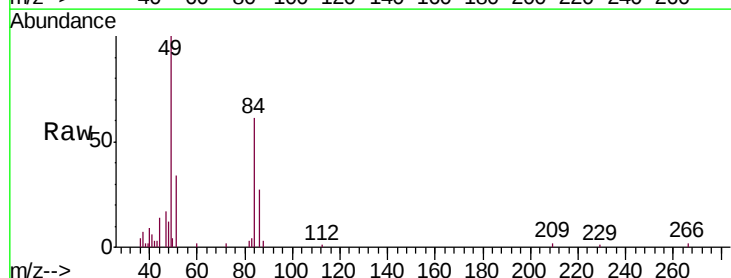
Ion Ratio Lower Upper

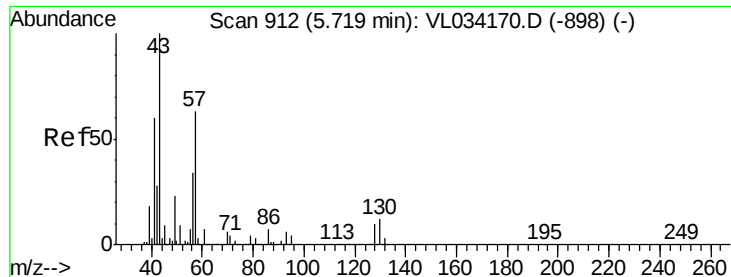
84 100

49 168.7 133.8 200.8

51 56.4 43.6 65.4

86 43.6 53.1 79.7#

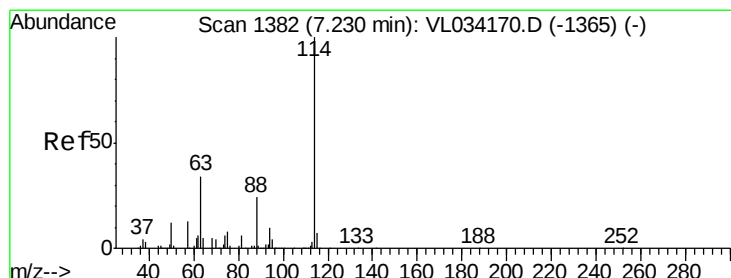
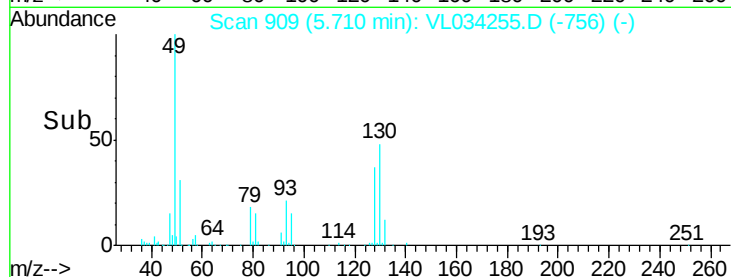
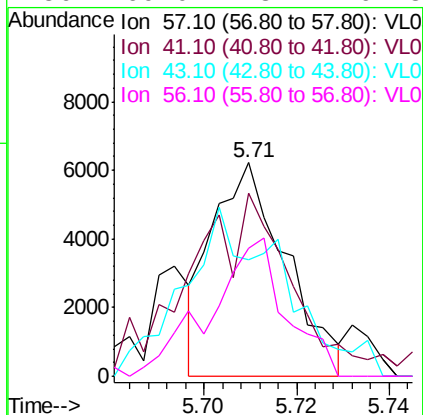
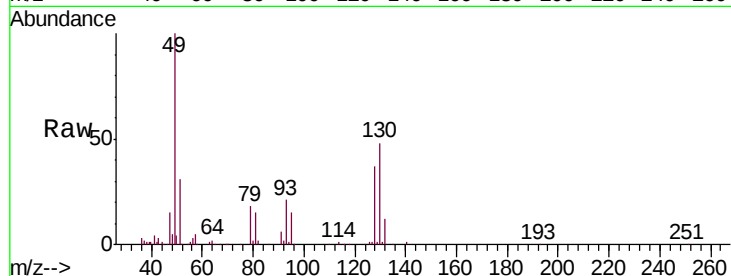




#26
Hexane
Concen: 0.062 ppbv
RT: 5.71 min Scan# 909
Delta R.T. -0.01 min
Lab File: VL034255.D
Acq: 8 Oct 2019 19:13

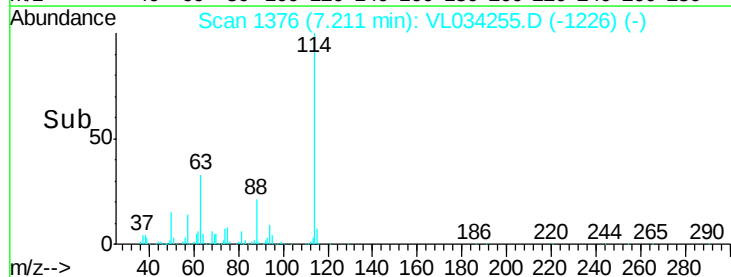
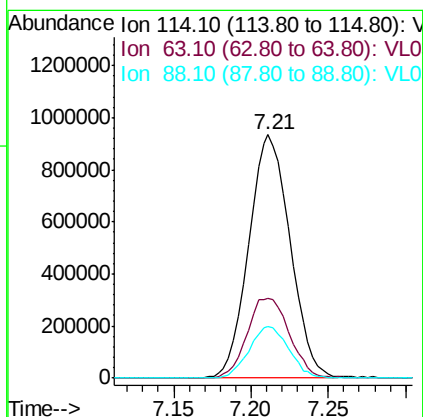
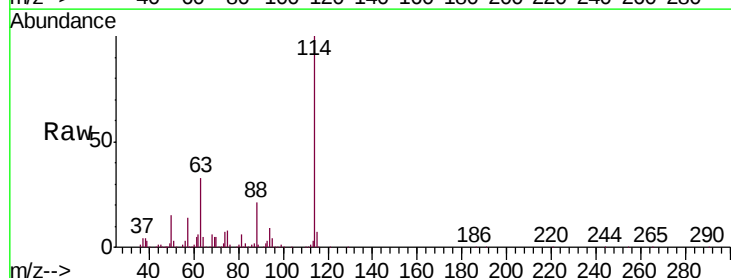
Instrument :
MSVOA_L
ClientSampleId :
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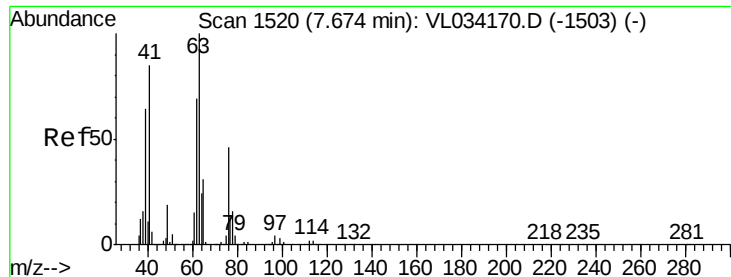
Tgt Ion: 57 Resp: 6889
Ion Ratio Lower Upper
57 100
41 127.6 78.5 117.7#
43 107.5 189.5 284.3#
56 69.0 43.2 64.8#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.21 min Scan# 1376
Delta R.T. -0.02 min
Lab File: VL034255.D
Acq: 8 Oct 2019 19:13

Tgt Ion: 114 Resp: 1737438
Ion Ratio Lower Upper
114 100
63 33.8 27.8 41.6
88 20.7 17.1 25.7

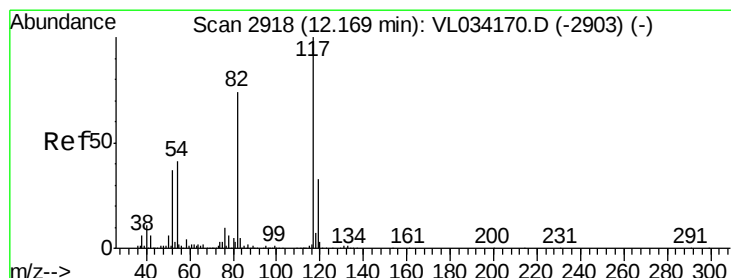
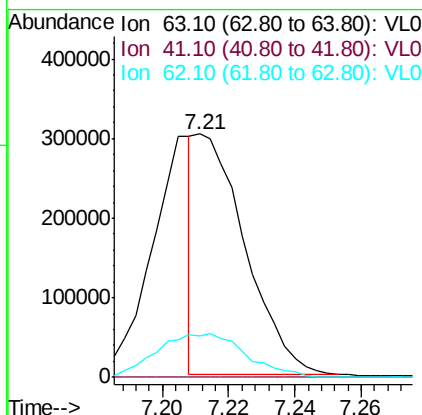
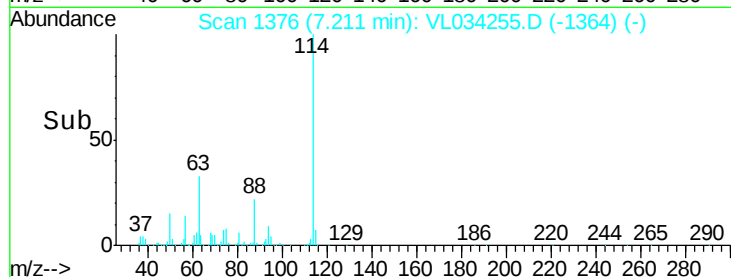
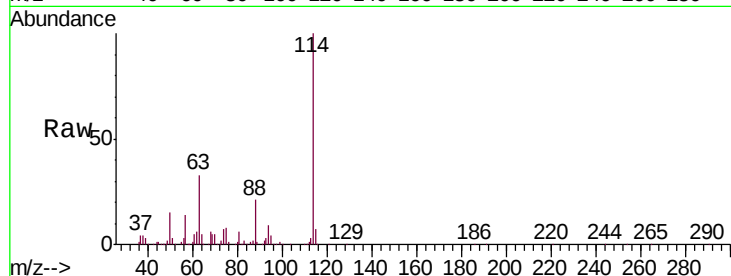




#39
 1,2-Dichloropropane
 Concen: 3.644 ppbv
 RT: 7.21 min Scan# 1376
 Delta R.T. -0.46 min
 Lab File: VL034255.D
 Acq: 8 Oct 2019 19:13

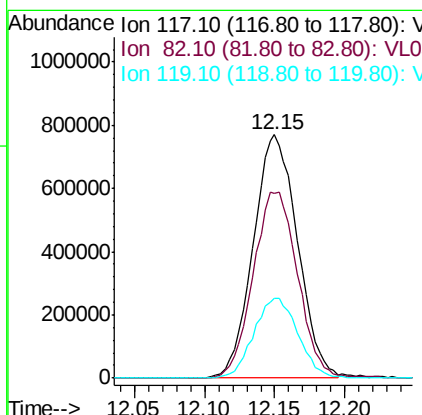
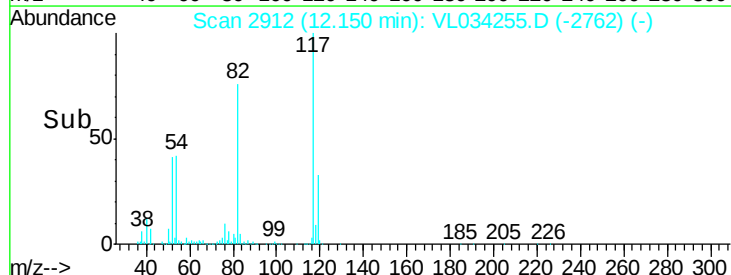
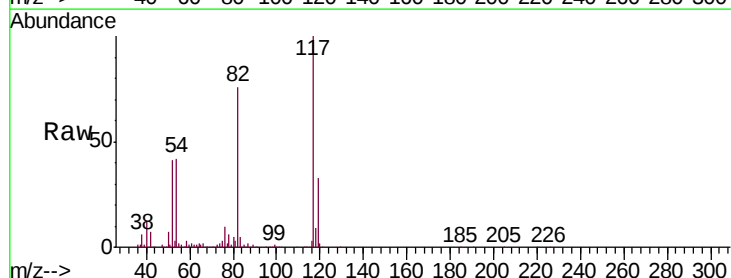
Instrument :
 MSVOA_L
 ClientSampled :
 VIBLK

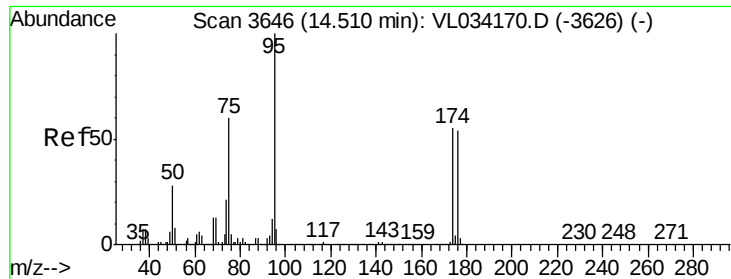
Tgt Ion: 63 Resp: 314181
 Ion Ratio Lower Upper
 63 100
 41 0.0 68.4 102.6#
 62 16.8 55.4 83.2#



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.15 min Scan# 2912
 Delta R.T. -0.02 min
 Lab File: VL034255.D
 Acq: 8 Oct 2019 19:13

Tgt Ion: 117 Resp: 1683010
 Ion Ratio Lower Upper
 117 100
 82 77.5 58.2 87.4
 119 33.0 23.7 35.5

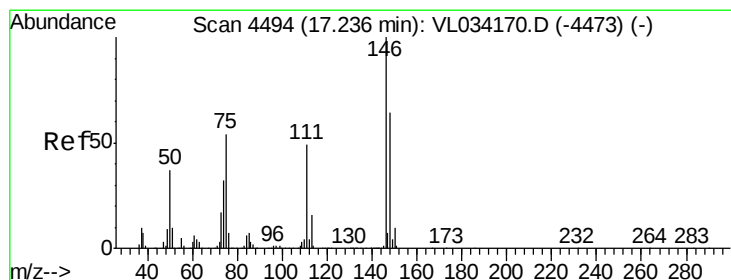
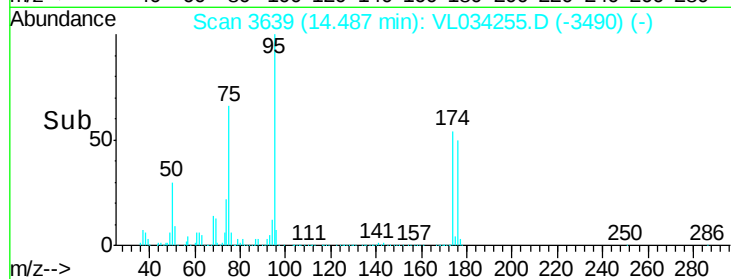
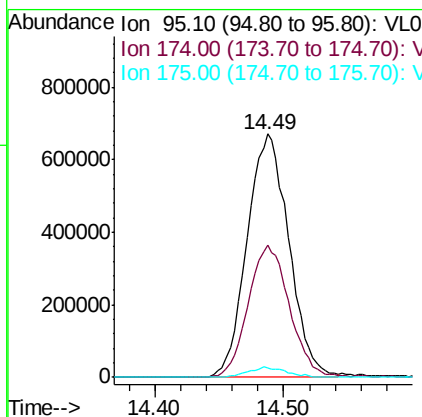
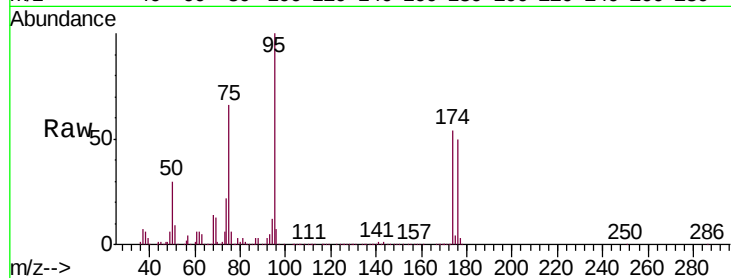




#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.357 ppbv
 RT: 14.49 min Scan# 3639
 Delta R.T. -0.02 min
 Lab File: VL034255.D
 Acq: 8 Oct 2019 19:13

Instrument :
 MSVOA_L
 ClientSampled :
 VIBLK

Tgt Ion: 95 Resp: 1514667
 Ion Ratio Lower Upper
 95 100
 174 53.8 45.1 67.7
 175 4.0 3.3 4.9



#76
 1,4-Dichlorobenzene
 Concen: 0.065 ppbv
 RT: 17.22 min Scan# 4488
 Delta R.T. -0.02 min
 Lab File: VL034255.D
 Acq: 8 Oct 2019 19:13

Tgt Ion: 146 Resp: 9296
 Ion Ratio Lower Upper
 146 100
 111 132.8 24.6 74.0#
 148 136.7 32.4 97.0#

