

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100819\
 Data File : VL034257.D
 Acq On : 8 Oct 2019 20:30
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Oct 09 05:20:58 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	980498	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.21	114	1603279	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.15	117	1601208	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.49	95	1432129	10.29	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.90%

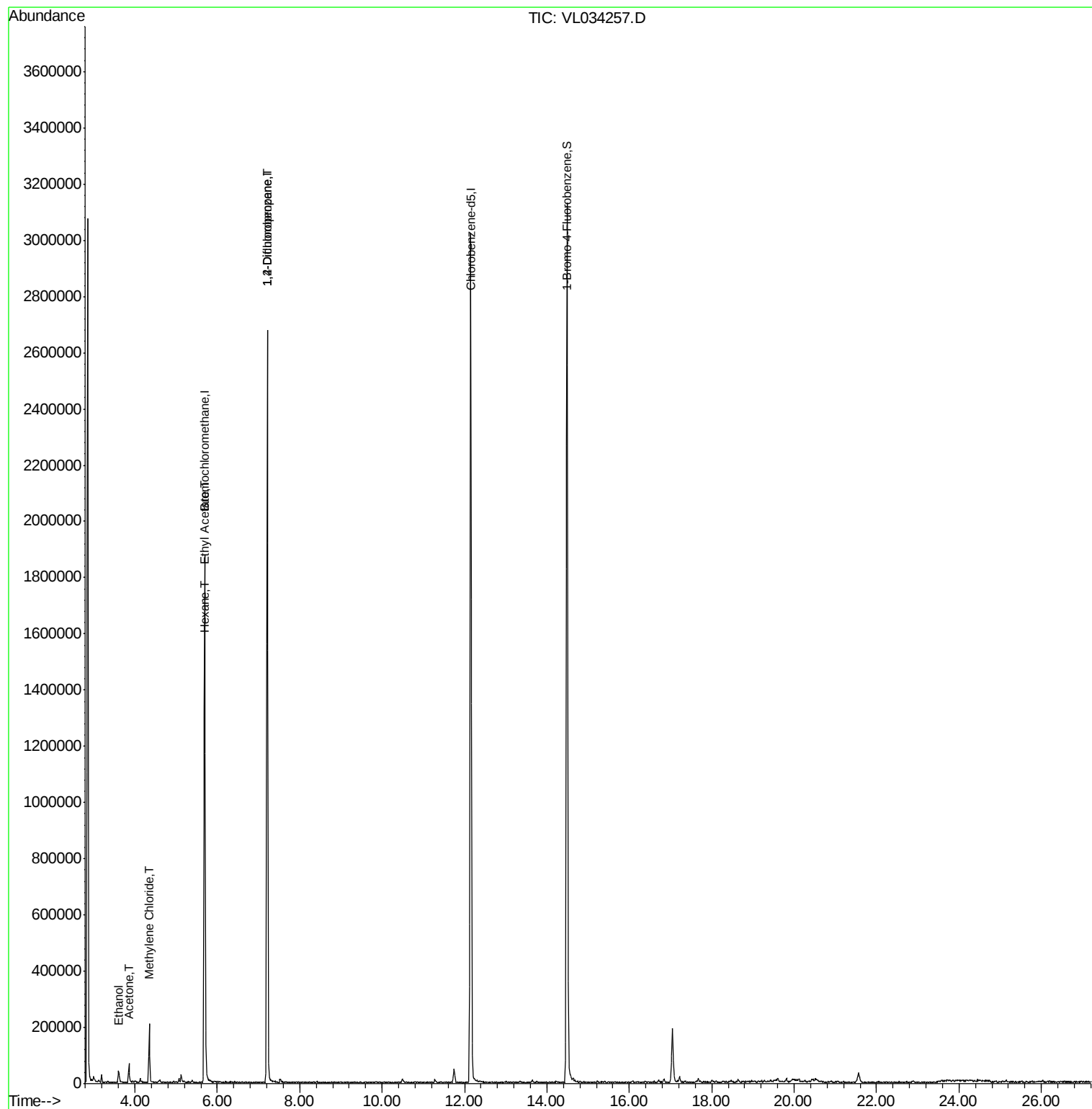
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Ethanol	3.60	45	41332	3.009	ppbv	95
15) Acetone	3.85	43	32125	0.244	ppbv #	49
20) Methylene Chloride	4.35	84	59473	1.570	ppbv #	87
25) Ethyl Acetate	5.70	43	33099	0.133	ppbv #	78
26) Hexane	5.71	57	43672	0.422	ppbv #	38
39) 1,2-Dichloropropane	7.21	63	551167	6.928	ppbv #	20

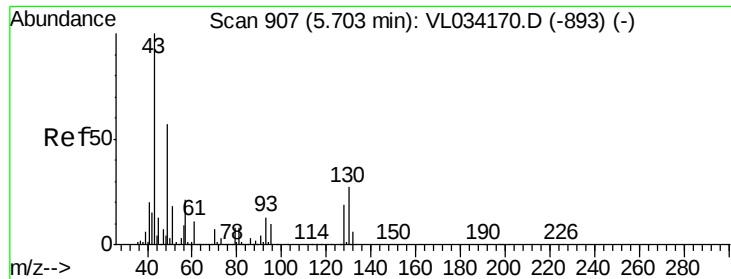
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.69 min Scan# 902

Delta R.T. -0.02 min

Lab File: VL034257.D

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MSVOA_L

ClientSampleId :

VIBLK

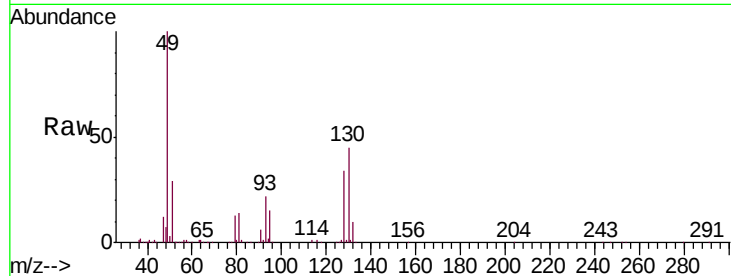
Tgt Ion: 49 Resp: 980498

Ion Ratio Lower Upper

49 100

128 35.1 17.6 52.9

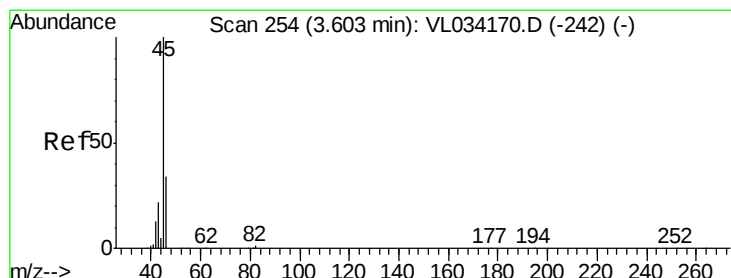
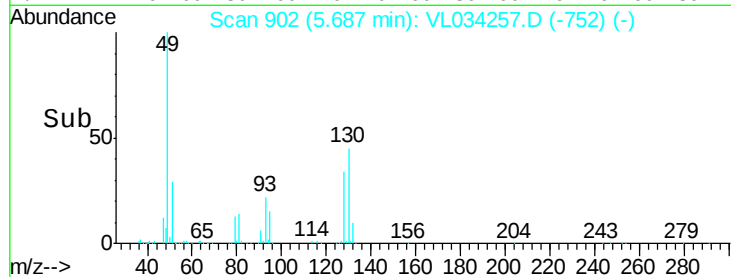
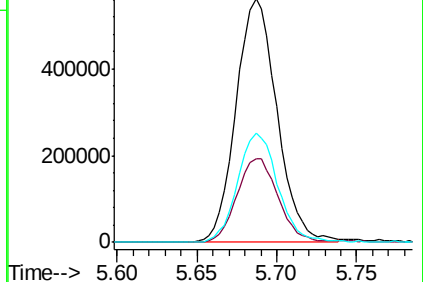
130 44.6 22.3 66.9



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: 3.009 ppbv

RT: 3.60 min Scan# 254

Delta R.T. -0.00 min

Lab File: VL034257.D

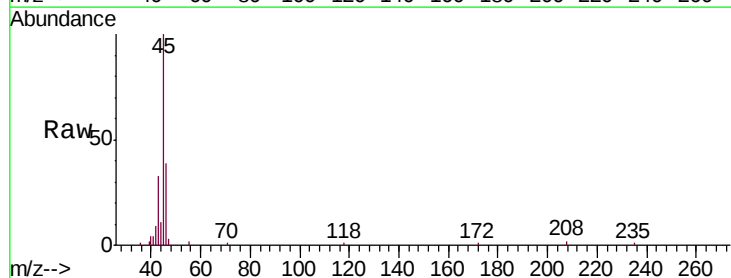
Acq: 8 Oct 2019 20:30

Tgt Ion: 45 Resp: 41332

Ion Ratio Lower Upper

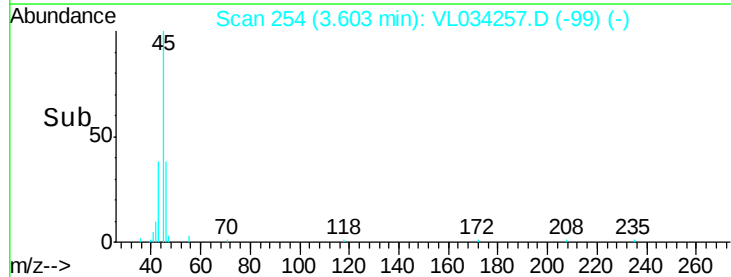
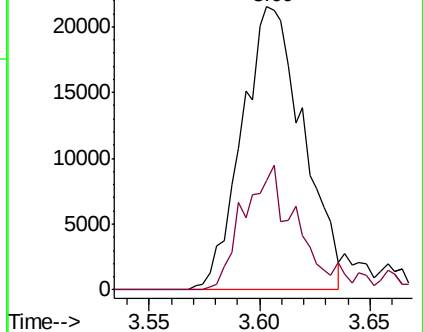
45 100

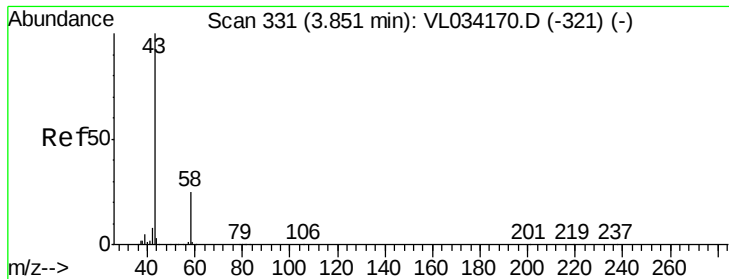
46 41.6 15.5 61.9



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0

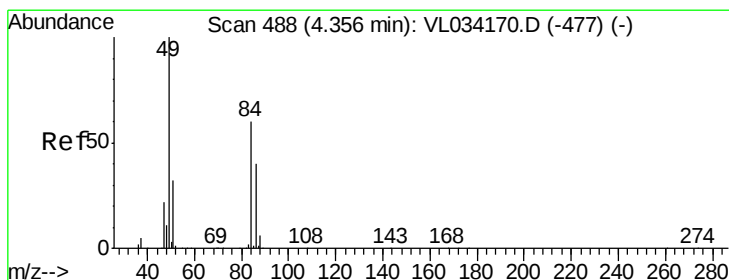
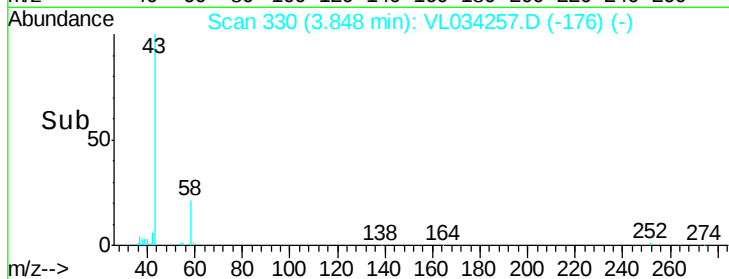
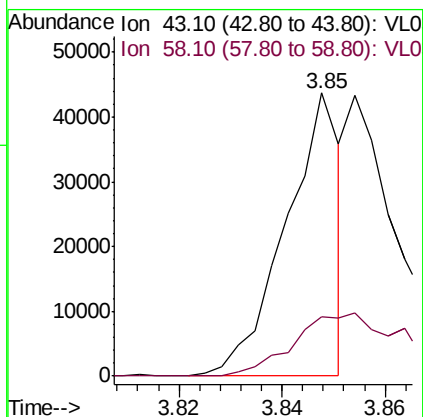
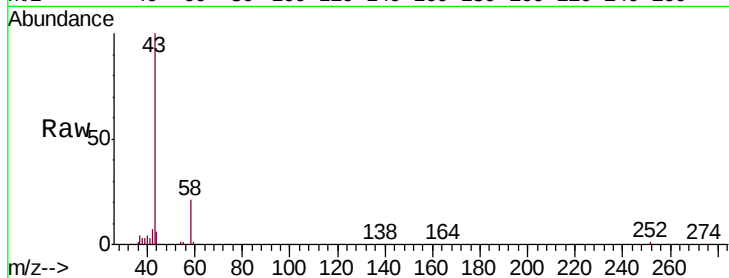




#15
Acetone
Concen: 0.244 ppbv
RT: 3.85 min Scan# 330
Delta R.T. -0.00 min
Lab File: VL034257.D
Acq: 8 Oct 2019 20:30

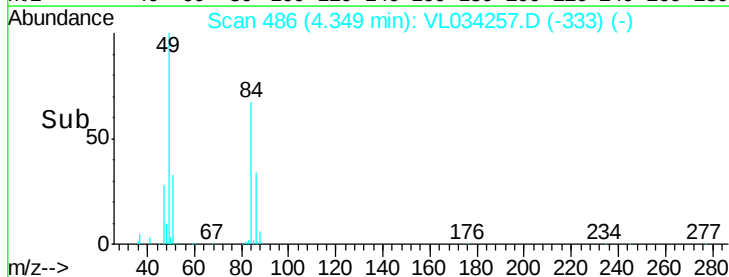
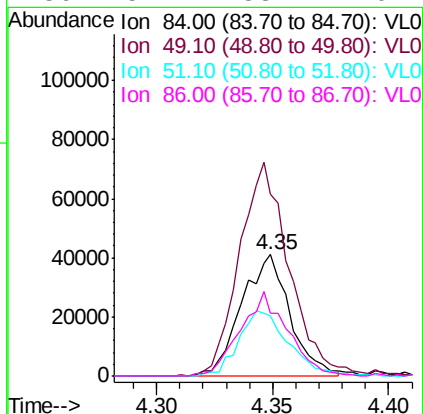
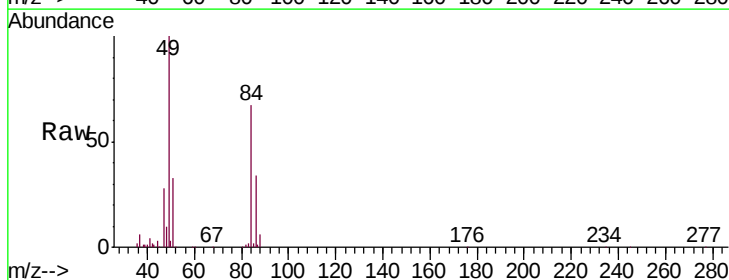
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

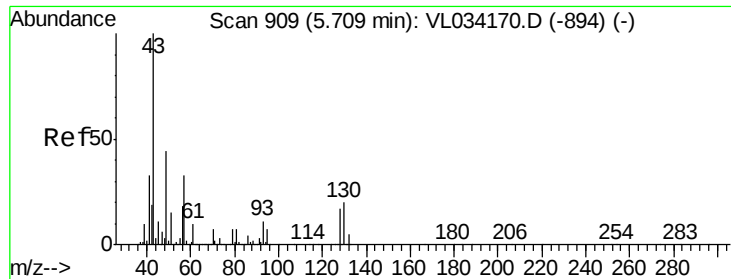
Tgt Ion: 43 Resp: 32125
Ion Ratio Lower Upper
43 100
58 0.0 20.5 30.7#



#20
Methylene Chloride
Concen: 1.570 ppbv
RT: 4.35 min Scan# 486
Delta R.T. -0.01 min
Lab File: VL034257.D
Acq: 8 Oct 2019 20:30

Tgt Ion: 84 Resp: 59473
Ion Ratio Lower Upper
84 100
49 149.9 133.8 200.8
51 48.6 43.6 65.4
86 51.4 53.1 79.7#





#25

Ethyl Acetate

Concen: 0.133 ppbv

RT: 5.70 min Scan# 907

Delta R.T. -0.01 min

Lab File: VL034257.D

Acq: 8 Oct 2019 20:30

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

Tgt Ion: 43 Resp: 33099

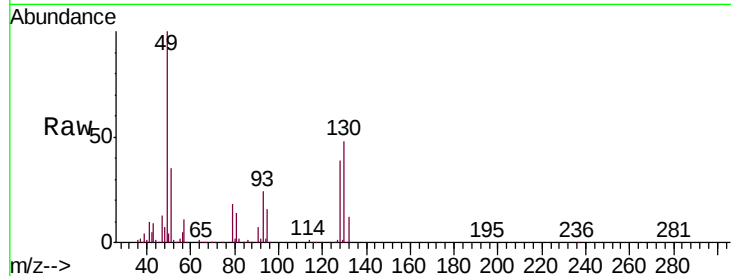
Ion Ratio Lower Upper

43 100

45 1.0 8.4 12.6#

61 0.0 7.2 10.8#

70 2.3 5.3 7.9#

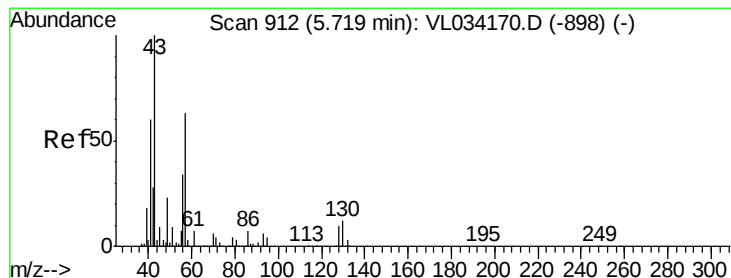
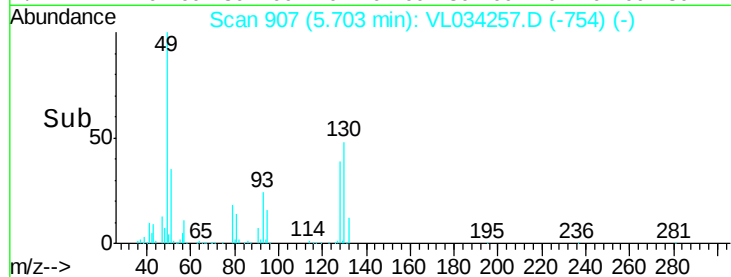
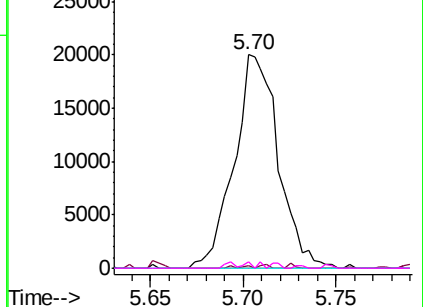


Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 45.10 (44.80 to 45.80): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 70.10 (69.80 to 70.80): VL0



#26

Hexane

Concen: 0.422 ppbv

RT: 5.71 min Scan# 908

Delta R.T. -0.01 min

Lab File: VL034257.D

Acq: 8 Oct 2019 20:30

Tgt Ion: 57 Resp: 43672

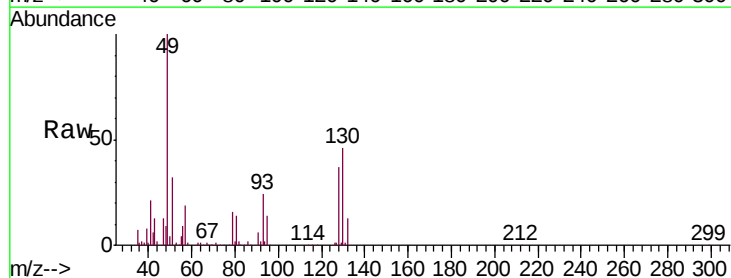
Ion Ratio Lower Upper

57 100

41 107.2 78.5 117.7

43 75.9 189.5 284.3#

56 59.4 43.2 64.8

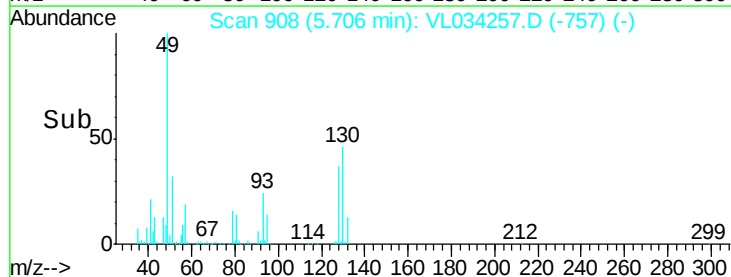
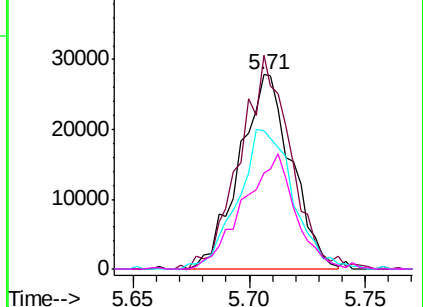


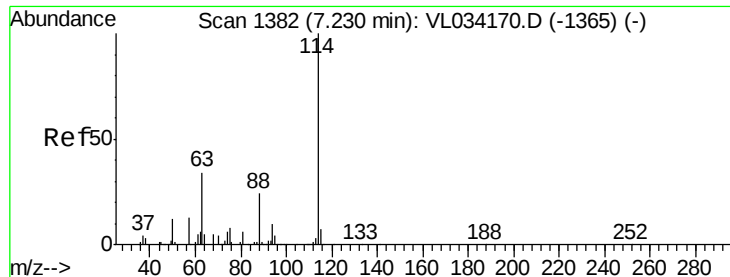
Abundance Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

Ion 56.10 (55.80 to 56.80): VL0

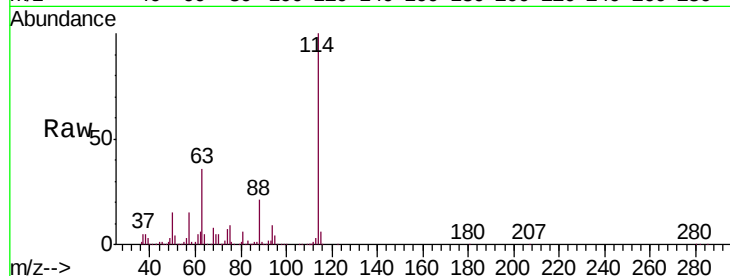




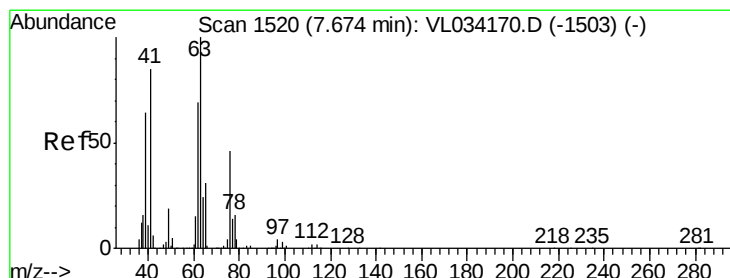
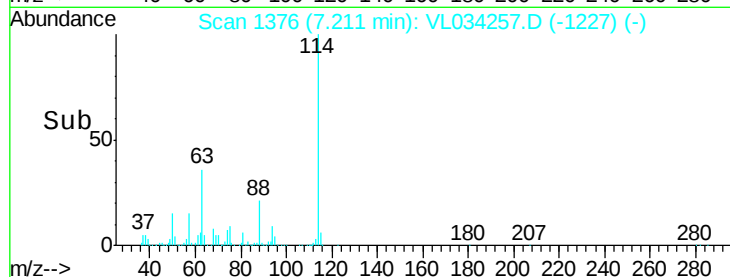
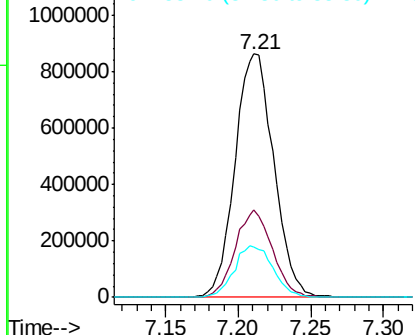
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.21 min Scan# 1376
 Delta R.T. -0.02 min
 Lab File: VL034257.D
 Acq: 8 Oct 2019 20:30

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Tgt Ion: 114 Resp: 1603279
 Ion Ratio Lower Upper
 114 100
 63 34.5 27.8 41.6
 88 21.0 17.1 25.7

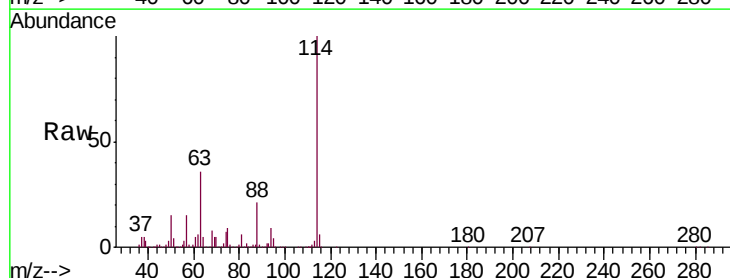


Abundance Ion 114.10 (113.80 to 114.80): V
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

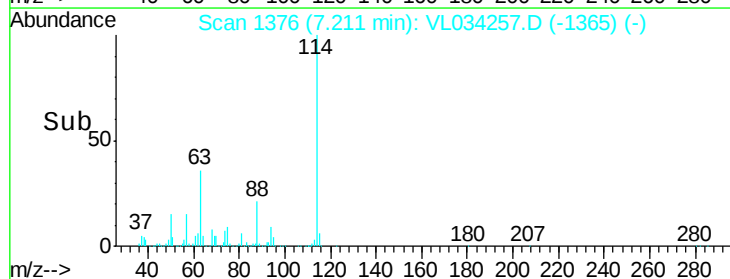
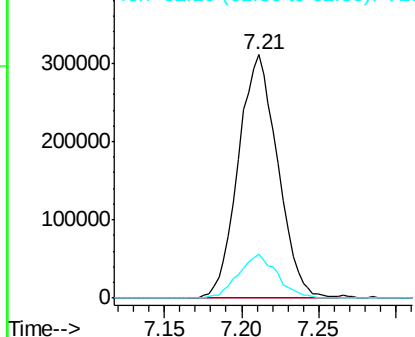


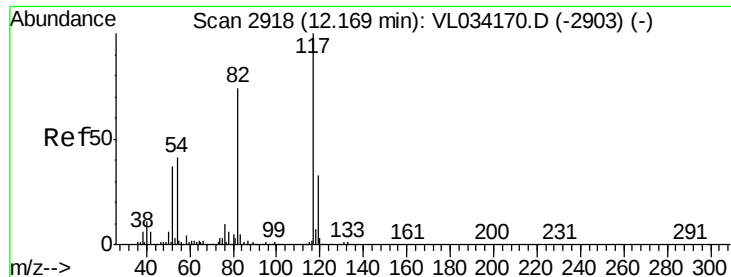
#39
 1,2-Dichloropropane
 Concen: 6.928 ppbv
 RT: 7.21 min Scan# 1376
 Delta R.T. -0.46 min
 Lab File: VL034257.D
 Acq: 8 Oct 2019 20:30

Tgt Ion: 63 Resp: 551167
 Ion Ratio Lower Upper
 63 100
 41 0.0 68.4 102.6#
 62 17.8 55.4 83.2#



Abundance Ion 63.10 (62.80 to 63.80): VL0
 Ion 41.10 (40.80 to 41.80): VL0
 Ion 62.10 (61.80 to 62.80): VL0

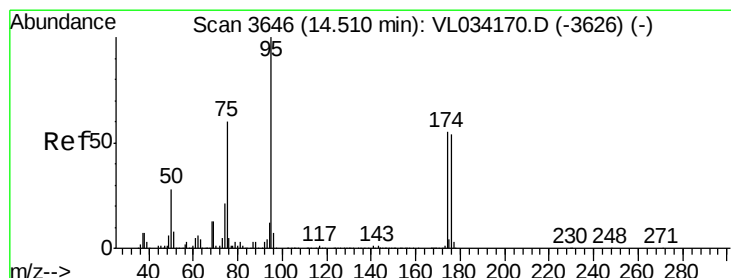
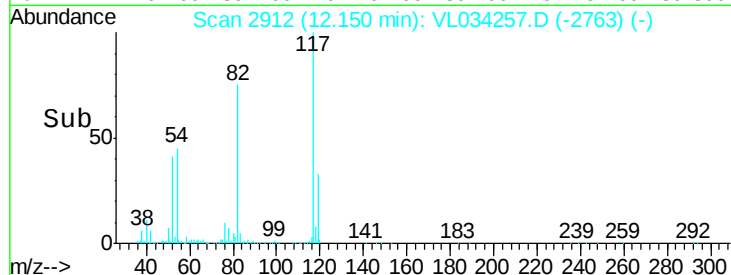
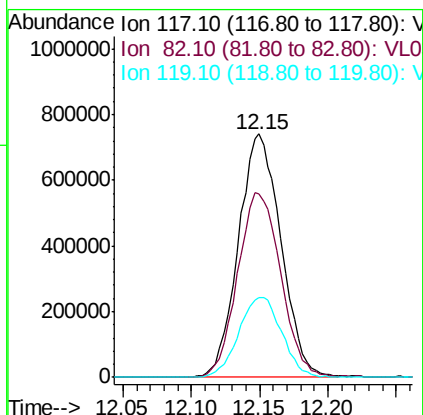
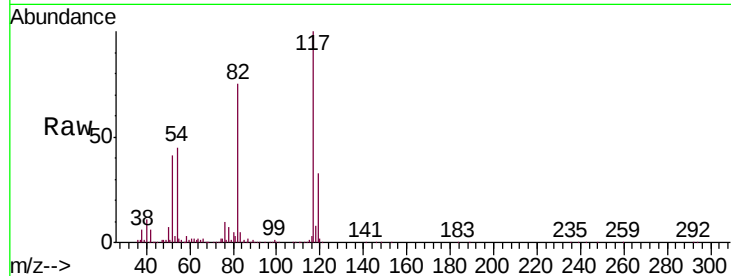




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.15 min Scan# 2912
Delta R.T. -0.02 min
Lab File: VL034257.D
Acq: 8 Oct 2019 20:30

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion: 117 Resp: 1601208
Ion Ratio Lower Upper
117 100
82 77.6 58.2 87.4
119 33.4 23.7 35.5



#68
1-Bromo-4-Fluorobenzene
Concen: 10.293 ppbv
RT: 14.49 min Scan# 3639
Delta R.T. -0.02 min
Lab File: VL034257.D
Acq: 8 Oct 2019 20:30

Tgt Ion: 95 Resp: 1432129
Ion Ratio Lower Upper
95 100
174 55.2 45.1 67.7
175 4.0 3.3 4.9

