

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL110520\
 Data File : VL035884.D
 Acq On : 6 Nov 2020 6:56
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Nov 06 08:11:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Wed Nov 04 02:40:06 2020
 QLast Update : Wed Nov 04 02:40:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	978118	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.15	114	3776471	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.06	117	3436723	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	2381556	9.75	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.50%

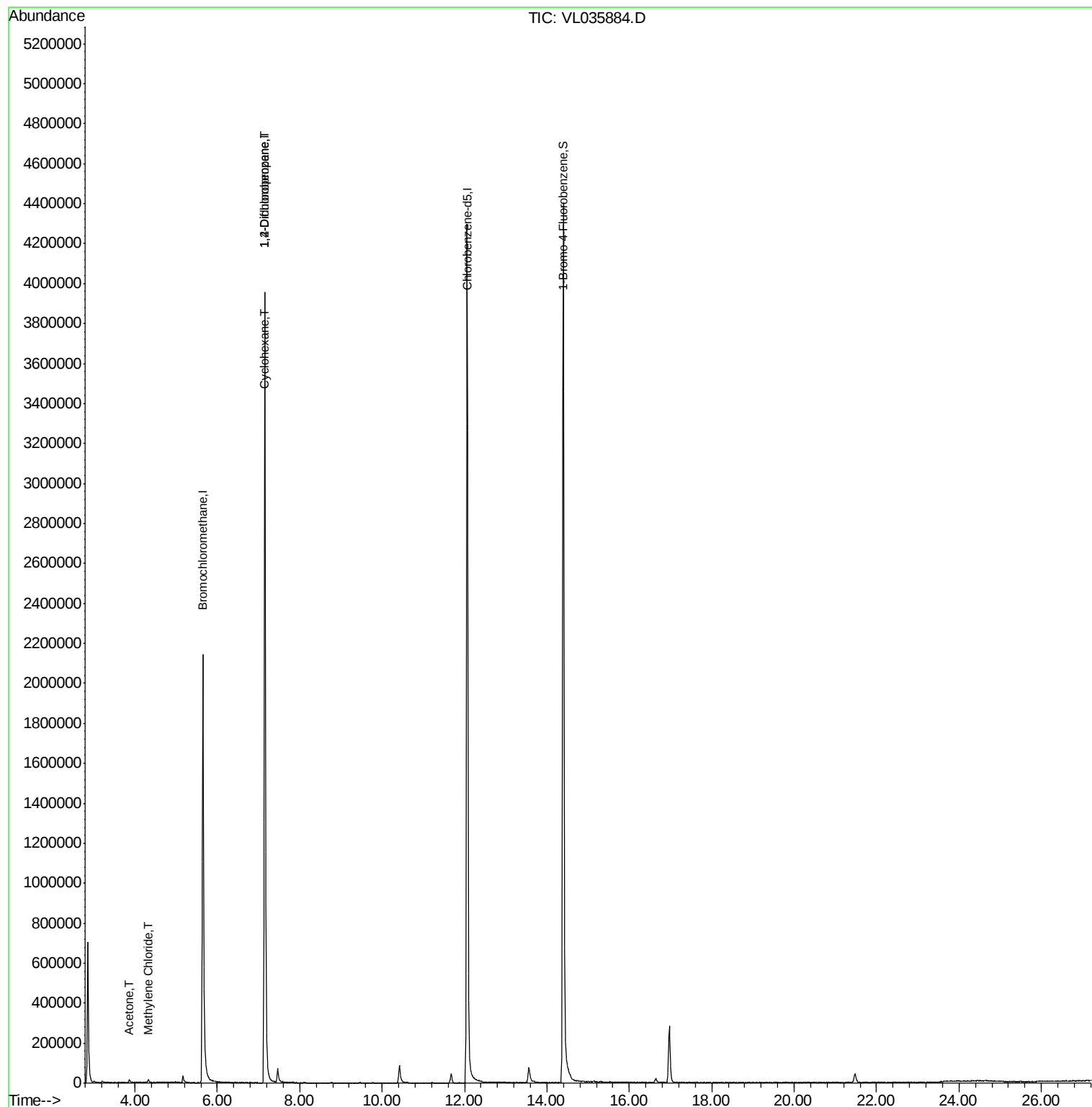
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.86	43	9467	0.091	ppbv #	1
20) Methylene Chloride	4.33	84	5854	0.080	ppbv #	86
30) Cyclohexane	7.13	84	6635	0.054	ppbv #	6
39) 1,2-Dichloropropane	7.15	63	727927	7.701	ppbv #	30

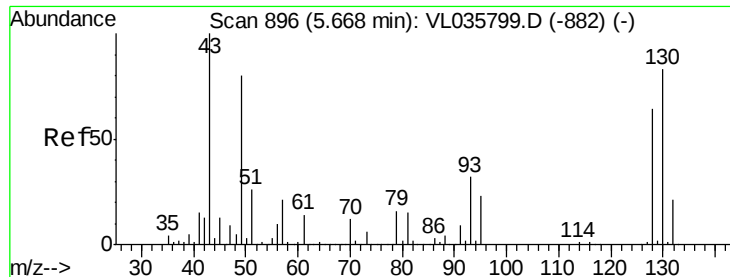
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 889

Delta R.T. -0.02 min

Lab File: VL035884.D

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Instrument :

MSVOA_L

ClientSampleId :

VIBLK

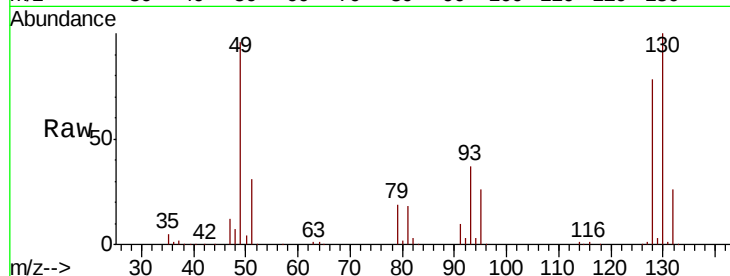
Tot Ion: 49 Resp: 978118

Ion Ratio Lower Upper

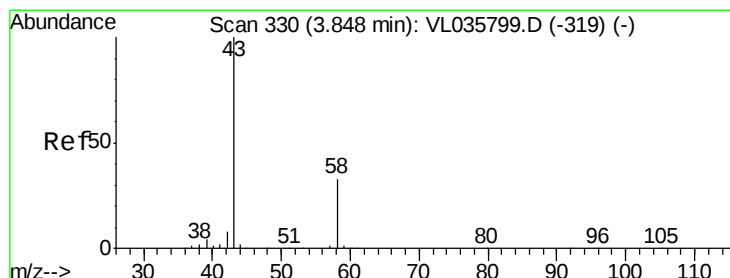
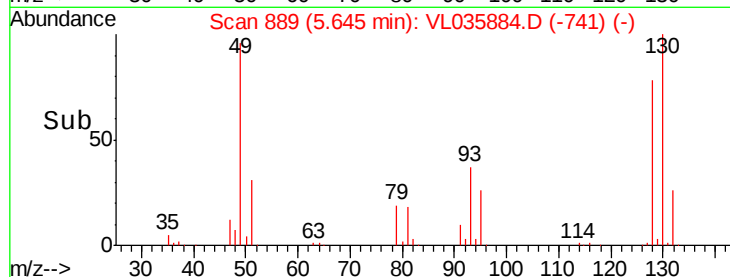
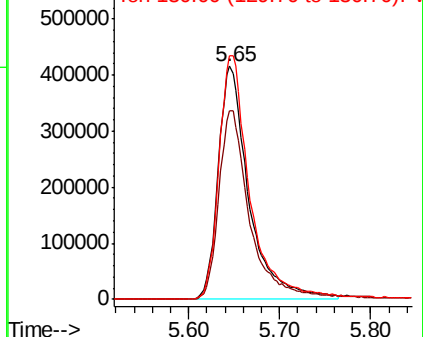
49 100

128 83.0 41.5 124.6

130 108.2 53.7 161.1



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



#15

Acetone

Concen: 0.091 ppbv

RT: 3.86 min Scan# 334

Delta R.T. 0.01 min

Lab File: VL035884.D

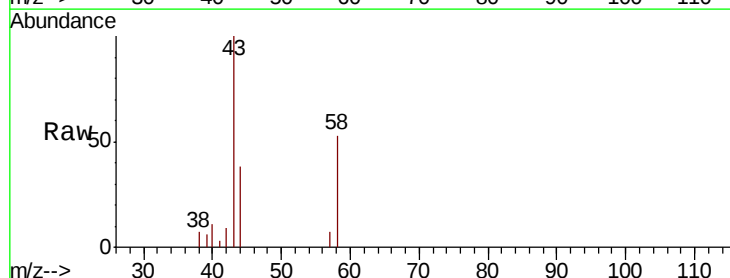
Acq: 6 Nov 2020 6:56

Tgt Ion: 43 Resp: 9467

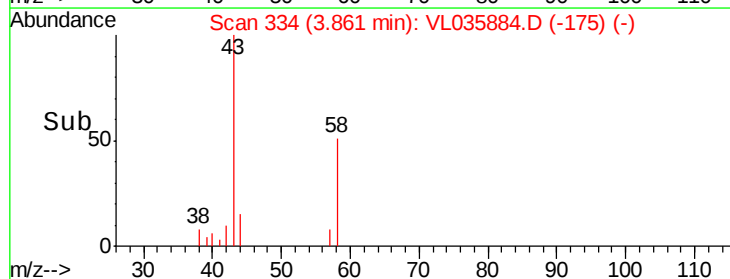
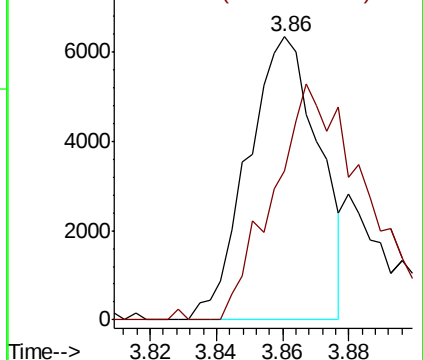
Ion Ratio Lower Upper

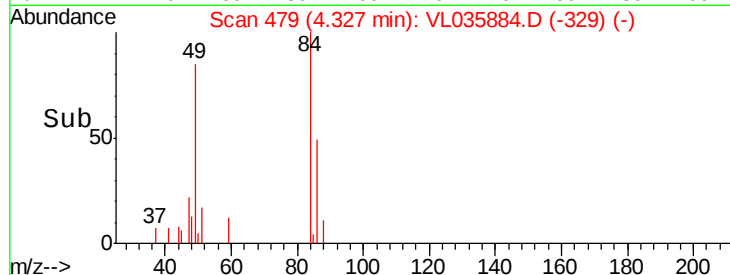
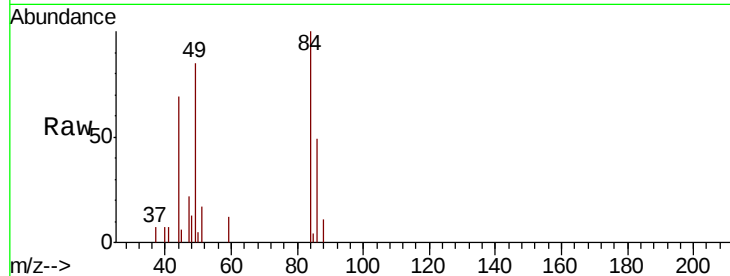
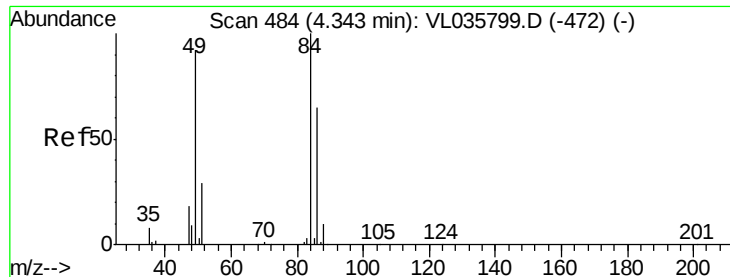
43 100

58 127.4 27.5 41.3#



Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 58.10 (57.80 to 58.80): VL0

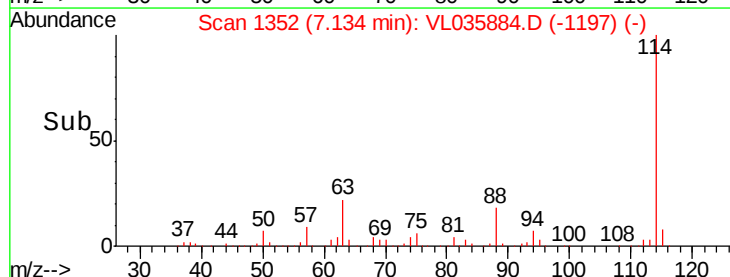
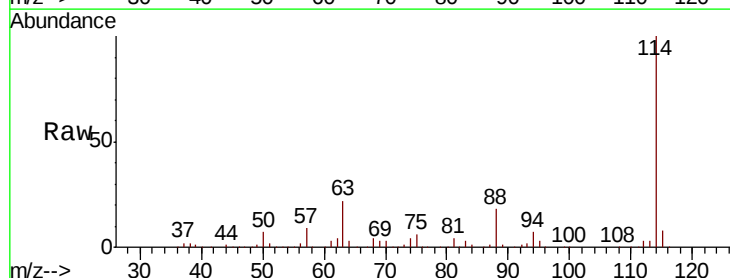
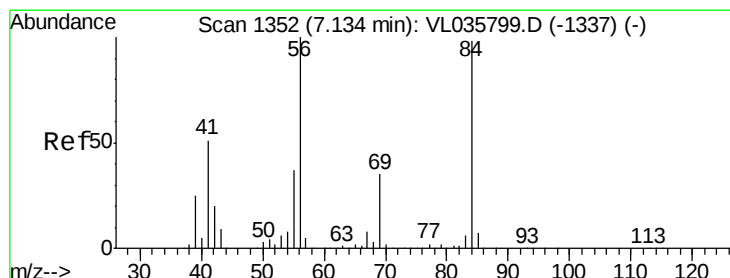
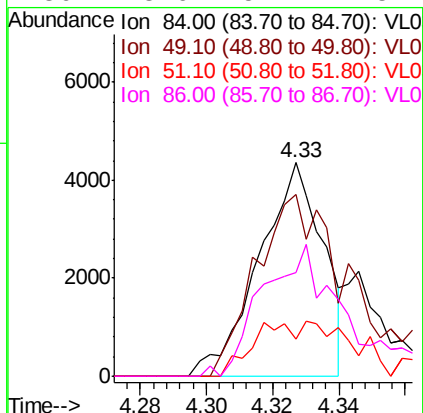




#20
Methvlene Chloride
Concen: 0.080 ppbv
RT: 4.33 min Scan# 479
Delta R.T. -0.02 min
Lab File: VL035884.D
Acq: 6 Nov 2020 6:56

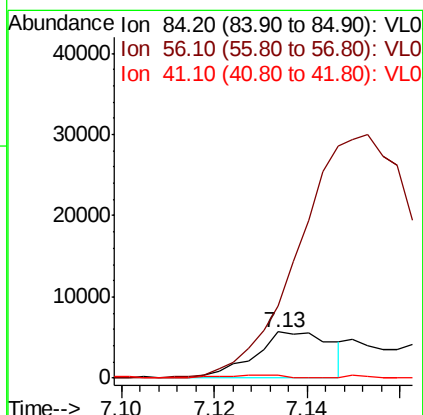
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

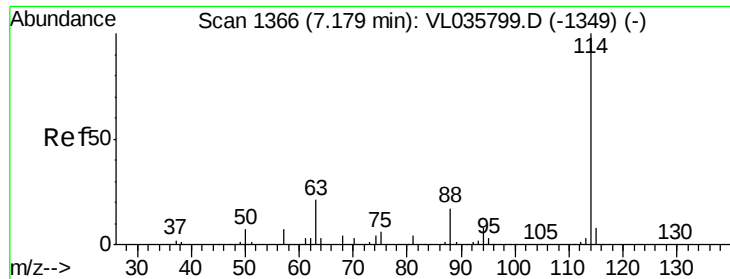
Tot Ion: 84 Resp: 5854
Ion Ratio Lower Upper
84 100
49 84.9 73.8 110.8
51 17.5 23.0 34.4#
86 48.6 52.1 78.1#



#30
Cyclohexane
Concen: 0.054 ppbv
RT: 7.13 min Scan# 1352
Delta R.T. -0.00 min
Lab File: VL035884.D
Acq: 6 Nov 2020 6:56

Tgt Ion: 84 Resp: 6635
Ion Ratio Lower Upper
84 100
56 0.0 86.4 129.6#
41 0.0 42.1 63.1#

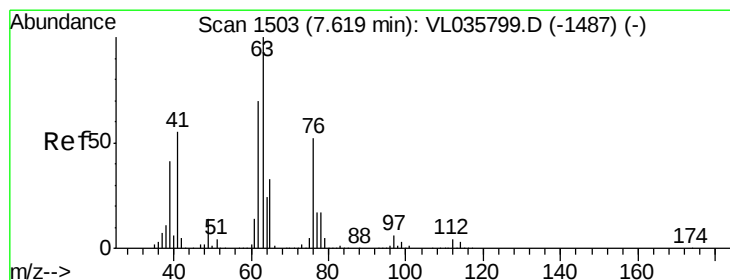
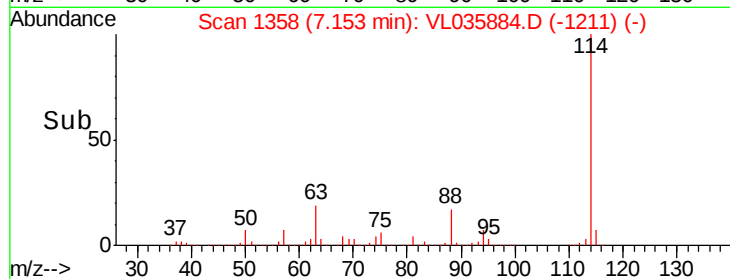
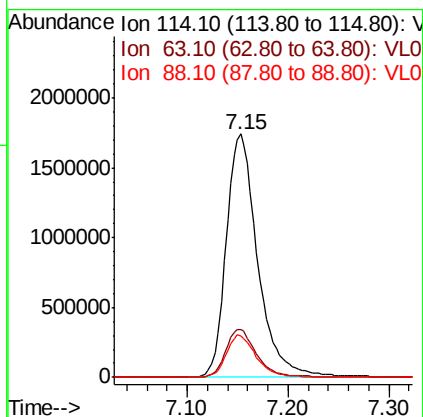
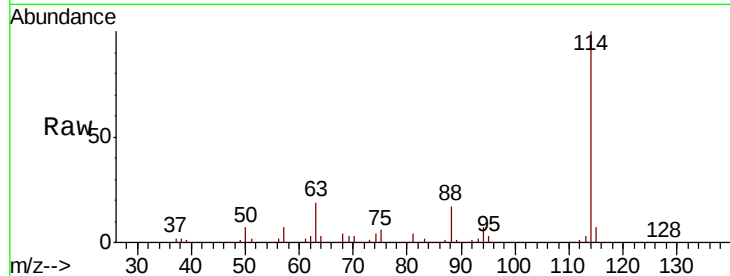




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.15 min Scan# 1358
 Delta R.T. -0.03 min
 Lab File: VL035884.D
 Acq: 6 Nov 2020 6:56

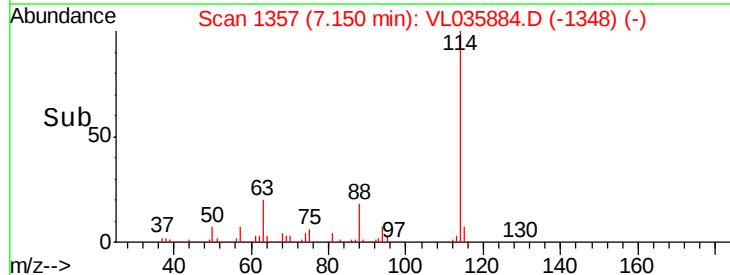
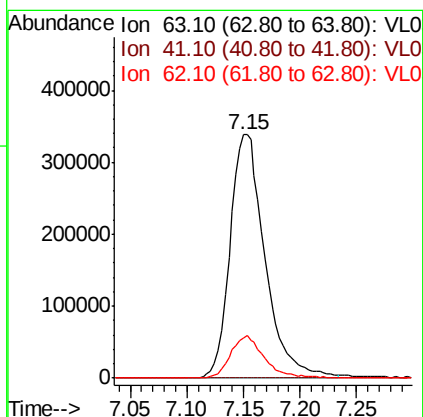
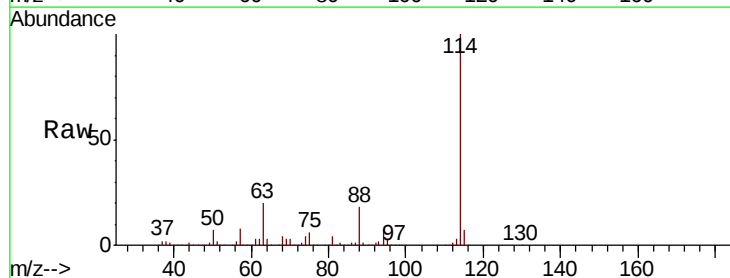
Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

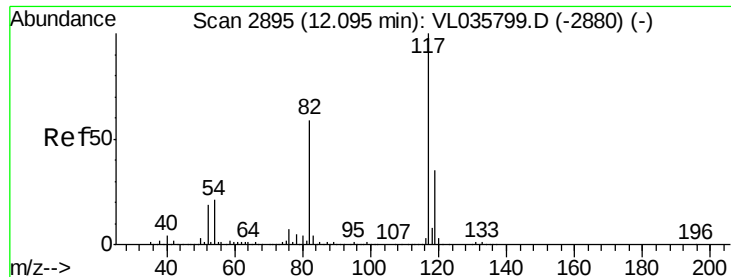
Tot Ion:114 Resp: 3776471
 Ion Ratio Lower Upper
 114 100
 63 19.5 16.1 24.1
 88 17.0 13.7 20.5



#39
 1,2-Dichloropropane
 Concen: 7.701 ppbv
 RT: 7.15 min Scan# 1357
 Delta R.T. -0.47 min
 Lab File: VL035884.D
 Acq: 6 Nov 2020 6:56

Tgt Ion: 63 Resp: 727927
 Ion Ratio Lower Upper
 63 100
 41 0.1 43.8 65.6#
 62 16.4 56.2 84.2#

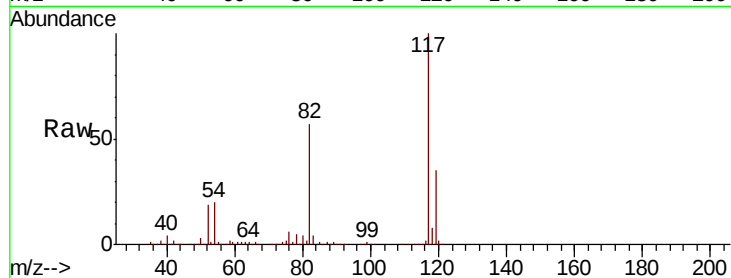




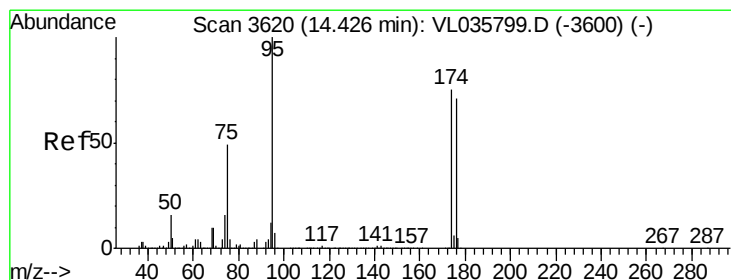
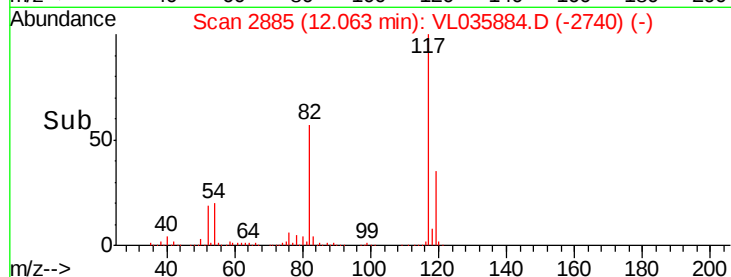
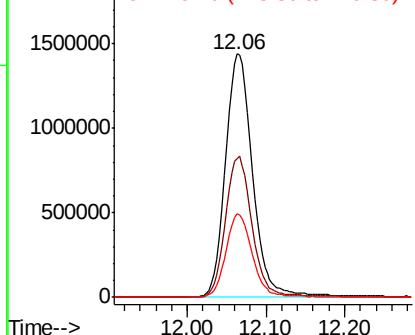
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06 min Scan# 2885
Delta R.T. -0.03 min
Lab File: VL035884.D
Acq: 6 Nov 2020 6:56

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tot Ion:117 Resp: 3436723
Ion Ratio Lower Upper
117 100
82 57.8 50.6 76.0
119 33.5 52.6 78.8#

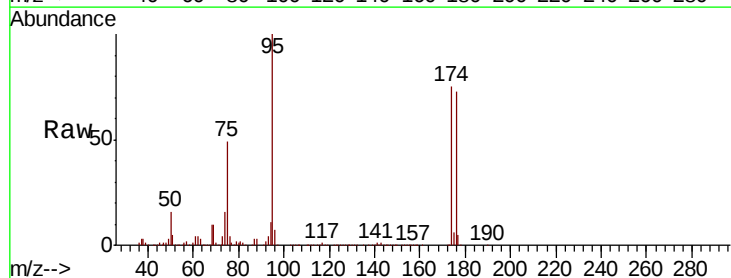


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 9.754 ppbv
RT: 14.39 min Scan# 3610
Delta R.T. -0.03 min
Lab File: VL035884.D
Acq: 6 Nov 2020 6:56

Tgt Ion: 95 Resp: 2381556
Ion Ratio Lower Upper
95 100
174 77.9 59.8 89.6
175 5.4 4.3 6.5



Abundance Ion 95.10 (94.80 to 95.80): VL0
Ion 174.00 (173.70 to 174.70): V
Ion 175.00 (174.70 to 175.70): V

