

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111020\
 Data File : VL035893.D
 Acq On : 10 Nov 2020 17:12
 Operator : SY/AP
 Sample : VL1110ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1110ABL01

Quant Time: Nov 11 01:22:28 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	1162470	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.17	114	4277187	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.08	117	4103348	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2964846	10.17	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.70%

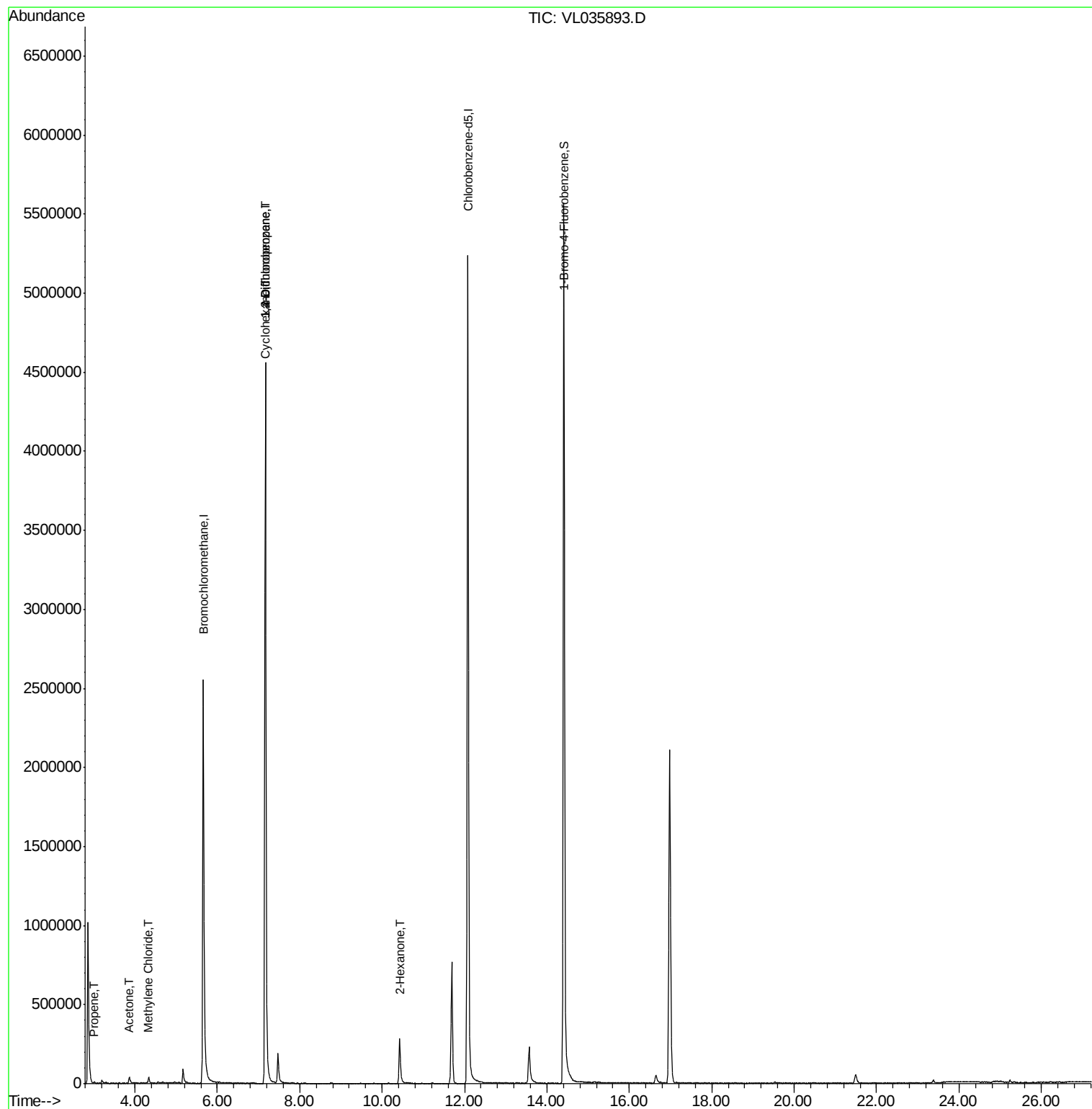
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.01	41	2997	0.059	ppbv	93
15) Acetone	3.86	43	34829	0.280	ppbv #	1
20) Methylene Chloride	4.34	84	19431	0.222	ppbv	94
30) Cyclohexane	7.15	84	6802	0.046	ppbv #	6
39) 1,2-Dichloropropane	7.16	63	856896	8.004	ppbv #	30
51) 2-Hexanone	10.43	43	60710	0.356	ppbv #	45

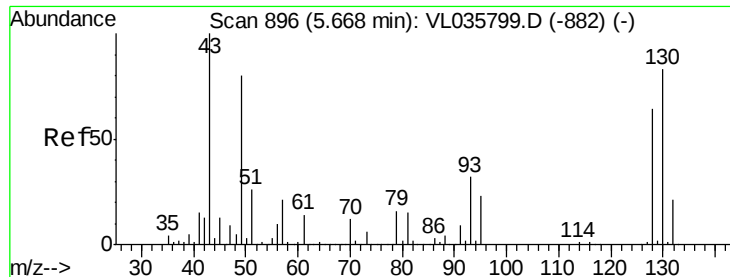
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 04 02:40:06 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 892

Delta R.T. -0.01 min

Lab File: VL035893.D

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Instrument :

MSVOA_L

ClientSampleId :

VL1110ABL01

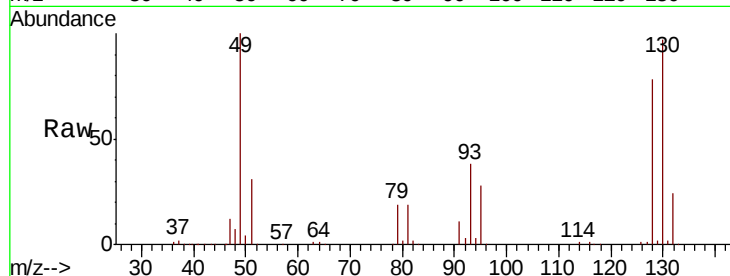
Tot Ion: 49 Resp: 1162470

Ion Ratio Lower Upper

49 100

128 81.0 41.5 124.6

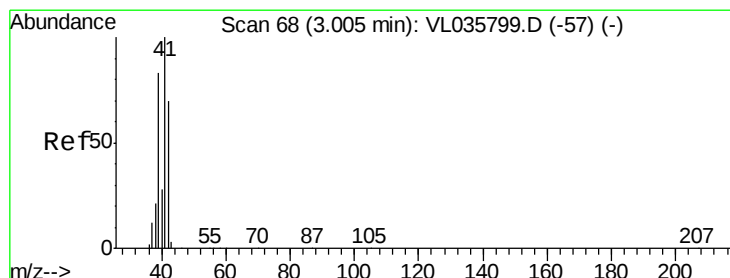
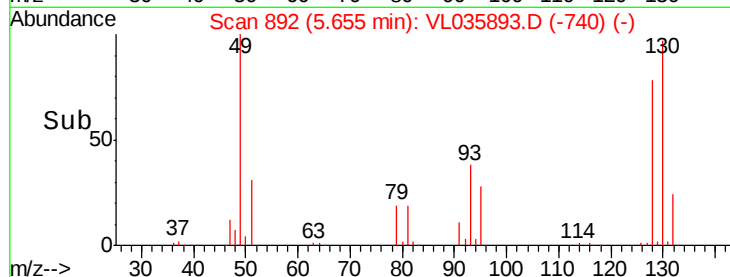
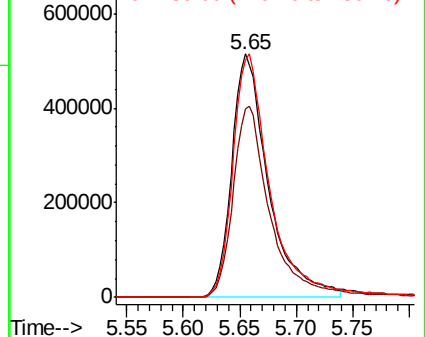
130 103.9 53.7 161.1



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



#9

Propene

Concen: 0.059 ppbv

RT: 3.01 min Scan# 69

Delta R.T. 0.00 min

Lab File: VL035893.D

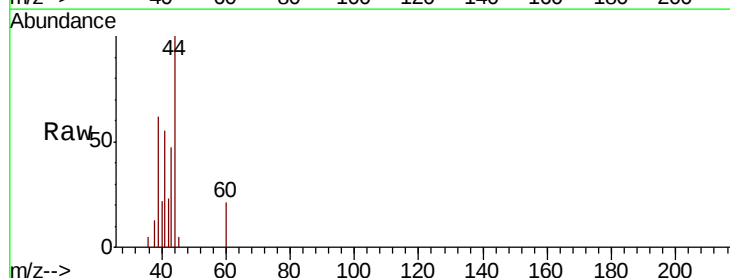
Acq: 10 Nov 2020 17:12

Tgt Ion: 41 Resp: 2997

Ion Ratio Lower Upper

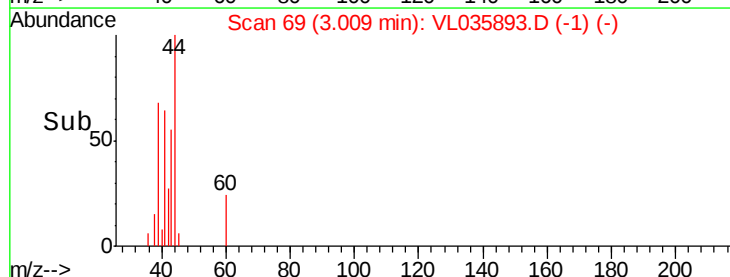
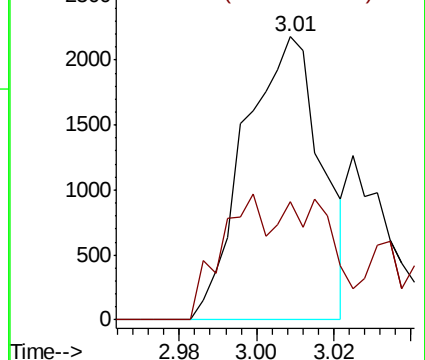
41 100

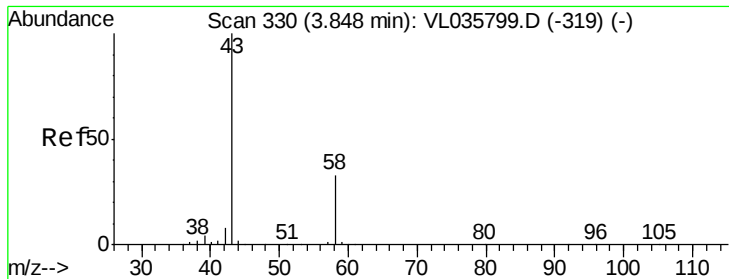
42 75.7 56.2 84.4



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





#15

Acetone

Concen: 0.280 ppbv

RT: 3.86 min Scan# 333

Delta R.T. 0.01 min

Lab File: VL035893.D

Acq: 10 Nov 2020 17:12

Instrument :

MSVOA_L

ClientSampleId :

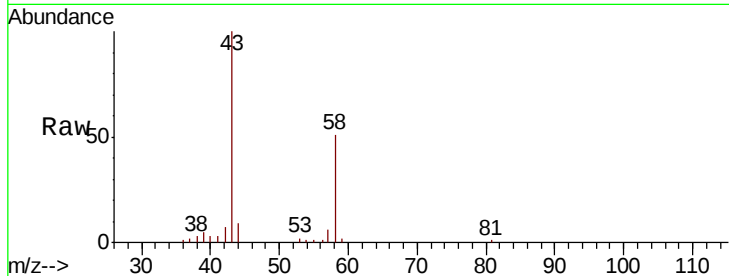
VL1110ABL01

Tot Ion: 43 Resp: 34829

Ion Ratio Lower Upper

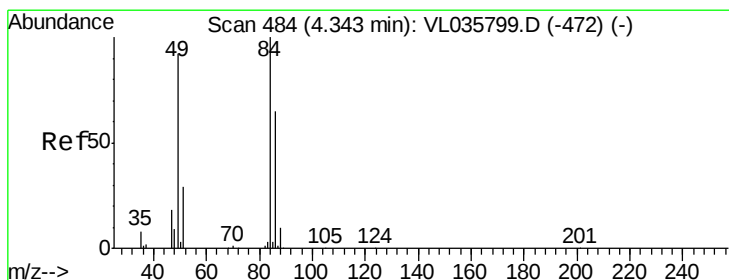
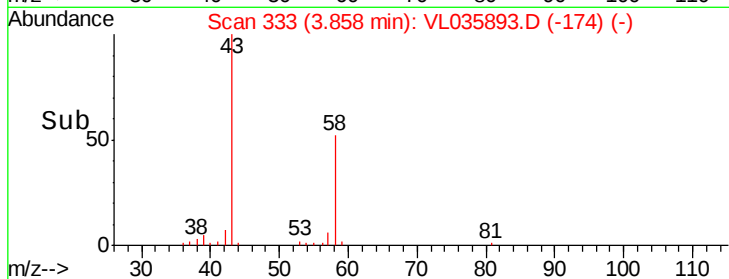
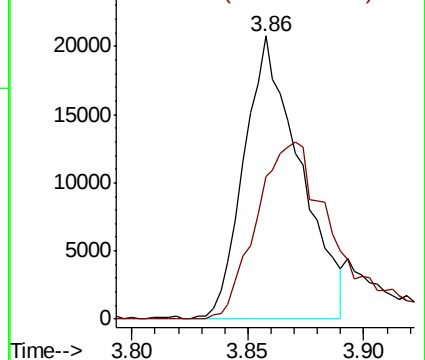
43 100

58 93.7 27.5 41.3#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#20

Methylene Chloride

Concen: 0.222 ppbv

RT: 4.34 min Scan# 482

Delta R.T. -0.01 min

Lab File: VL035893.D

Acq: 10 Nov 2020 17:12

Tgt Ion: 84 Resp: 19431

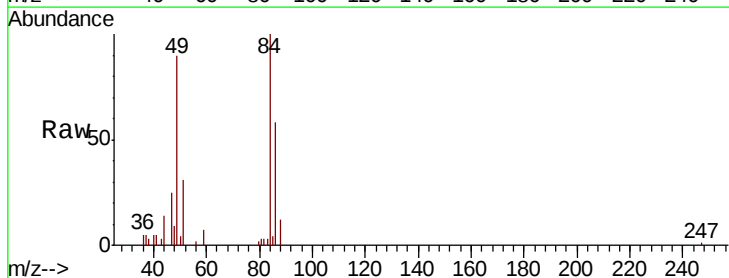
Ion Ratio Lower Upper

84 100

49 88.3 73.8 110.8

51 31.1 23.0 34.4

86 58.5 52.1 78.1

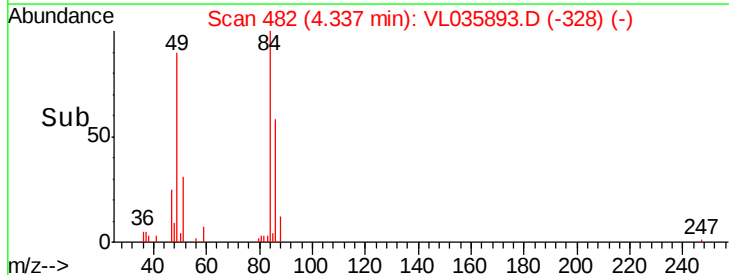
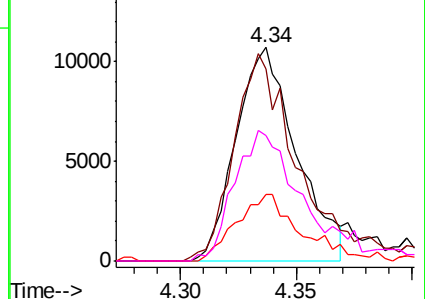


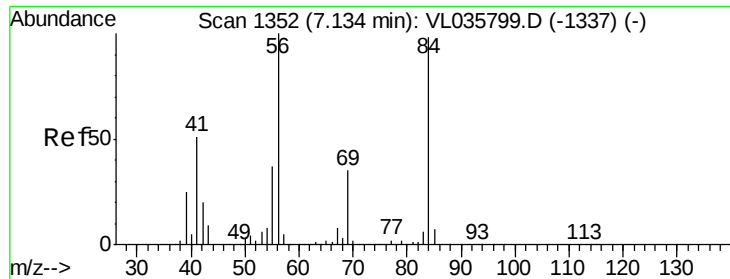
Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0

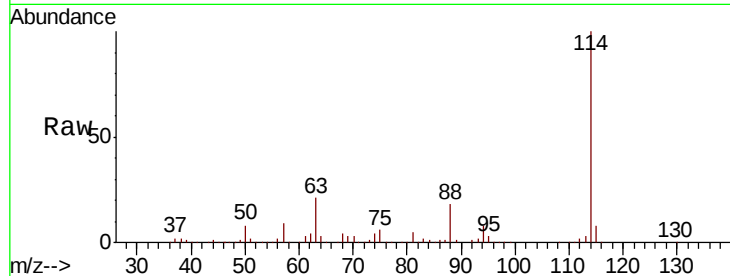




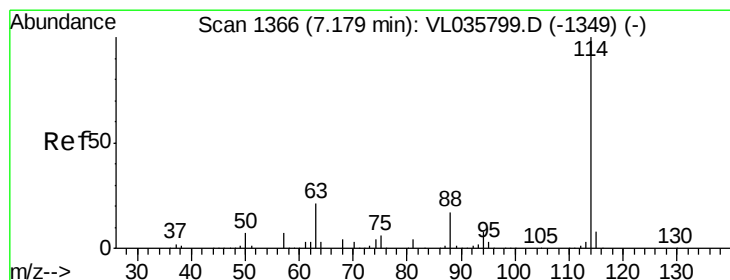
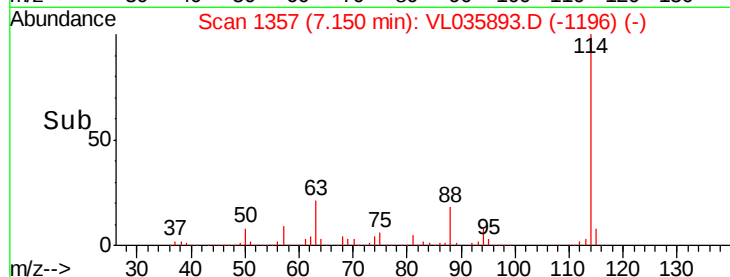
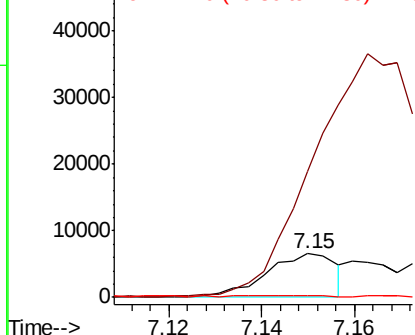
#30
Cyclohexane
Concen: 0.046 ppbv
RT: 7.15 min Scan# 1357
Delta R.T. 0.02 min
Lab File: VL035893.D
Acq: 10 Nov 2020 17:12

Instrument :
MSVOA_L
ClientSampleId :
VL1110ABL01

Tot Ion: 84 Resp: 6802
Ion Ratio Lower Upper
84 100
56 0.0 86.4 129.6#
41 0.0 42.1 63.1#

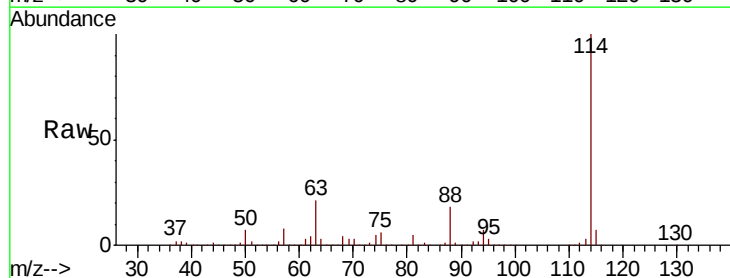


Abundance Ion 84.20 (83.90 to 84.90): VL0
Ion 56.10 (55.80 to 56.80): VL0
Ion 41.10 (40.80 to 41.80): VL0

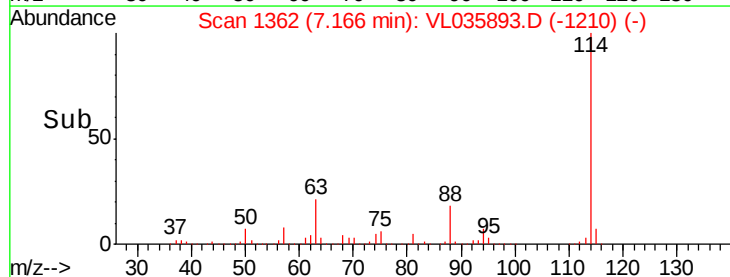
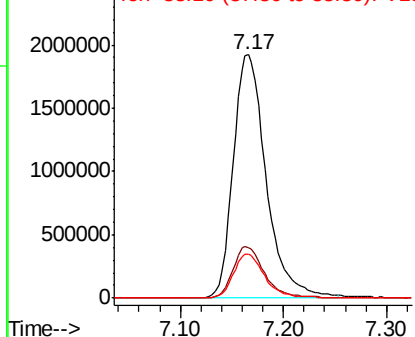


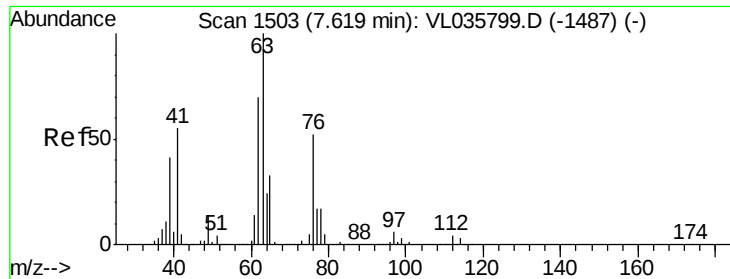
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1362
Delta R.T. -0.01 min
Lab File: VL035893.D
Acq: 10 Nov 2020 17:12

Tgt Ion: 114 Resp: 4277187
Ion Ratio Lower Upper
114 100
63 20.5 16.1 24.1
88 17.5 13.7 20.5



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

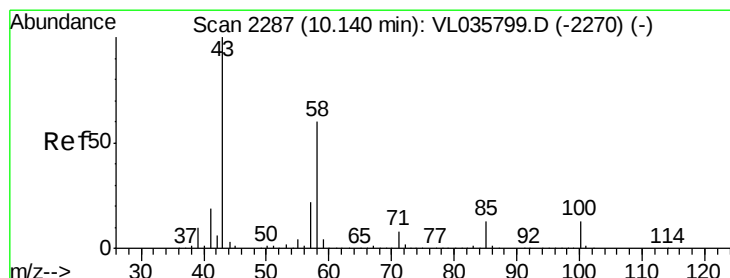
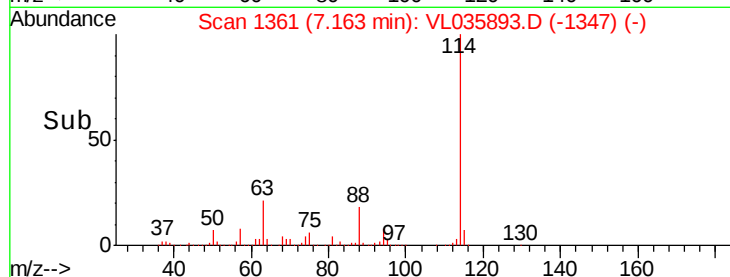
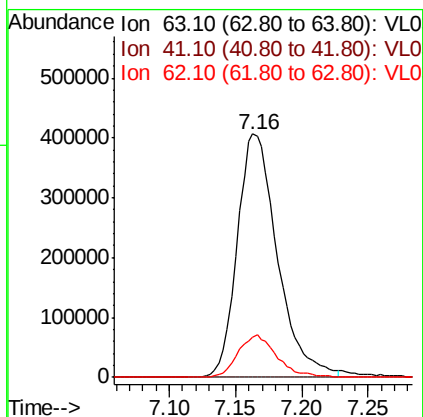
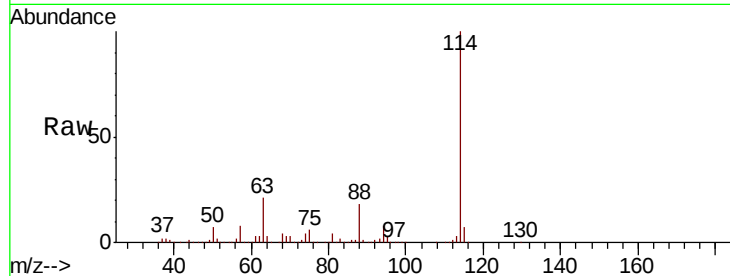




#39
 1,2-Dichloropropane
 Concen: 8.004 ppbv
 RT: 7.16 min Scan# 1361
 Delta R.T. -0.46 min
 Lab File: VL035893.D
 Acq: 10 Nov 2020 17:12

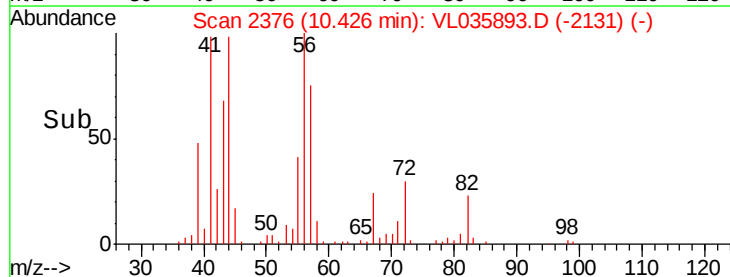
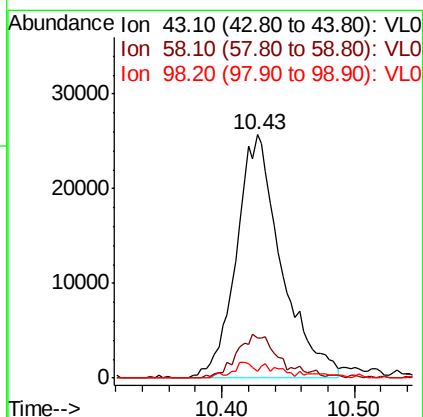
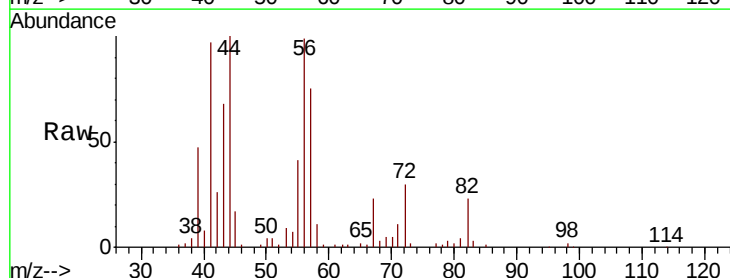
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1110ABL01

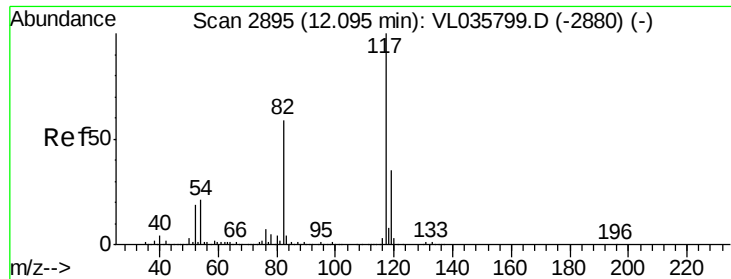
Tot Ion	Ratio	Lower	Upper
63	100		
41	0.1	43.8	65.6#
62	16.4	56.2	84.2#



#51
 2-Hexanone
 Concen: 0.356 ppbv
 RT: 10.43 min Scan# 2376
 Delta R.T. 0.29 min
 Lab File: VL035893.D
 Acq: 10 Nov 2020 17:12

Tgt Ion	Ratio	Lower	Upper
43	100		
58	18.0	48.3	72.5#
98	7.2	0.6	0.8#





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.08 min Scan# 2890

Delta R.T. -0.02 min

Lab File: VL035893.D

Acq: 10 Nov 2020 17:12

Instrument :

MSVOA_L

ClientSampleId :

VL1110ABL01

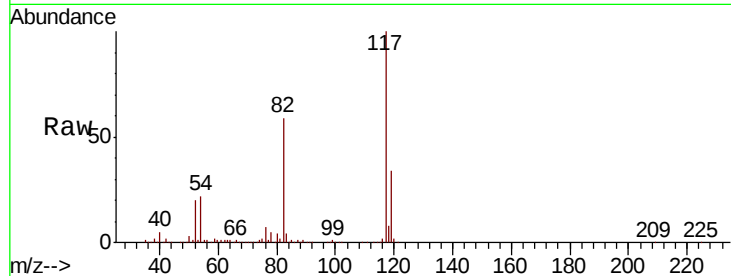
Tot Ion:117 Resp: 4103348

Ion Ratio Lower Upper

117 100

82 60.0 50.6 76.0

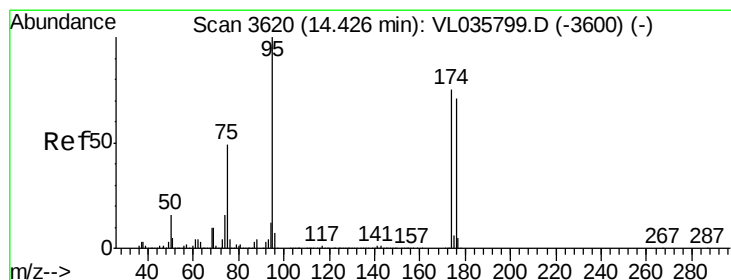
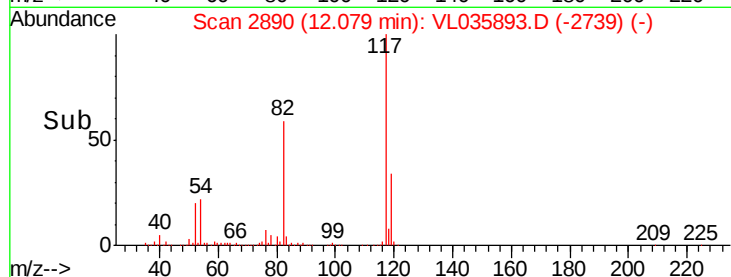
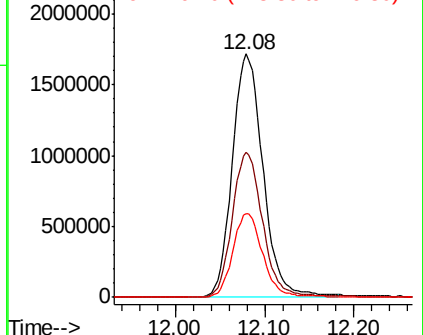
119 34.3 52.6 78.8#



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: 10.170 ppbv

RT: 14.41 min Scan# 3615

Delta R.T. -0.02 min

Lab File: VL035893.D

Acq: 10 Nov 2020 17:12

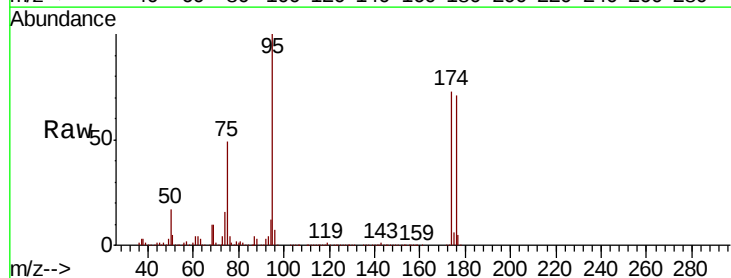
Tgt Ion: 95 Resp: 2964846

Ion Ratio Lower Upper

95 100

174 76.3 59.8 89.6

175 5.3 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

