

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL110420\
 Data File : VL035852.D
 Acq On : 5 Nov 2020 4:01
 Operator : SY/AP
 Sample : OC102020 CAN 10315
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Nov 05 04:52:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-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	5.64	49	826787	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.14	114	3220165	10.00	ppbv	-0.04
55) Chlorobenzene-d5	12.05	117	2950480	10.00	ppbv	-0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.38	95	2102036	10.03	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.30%

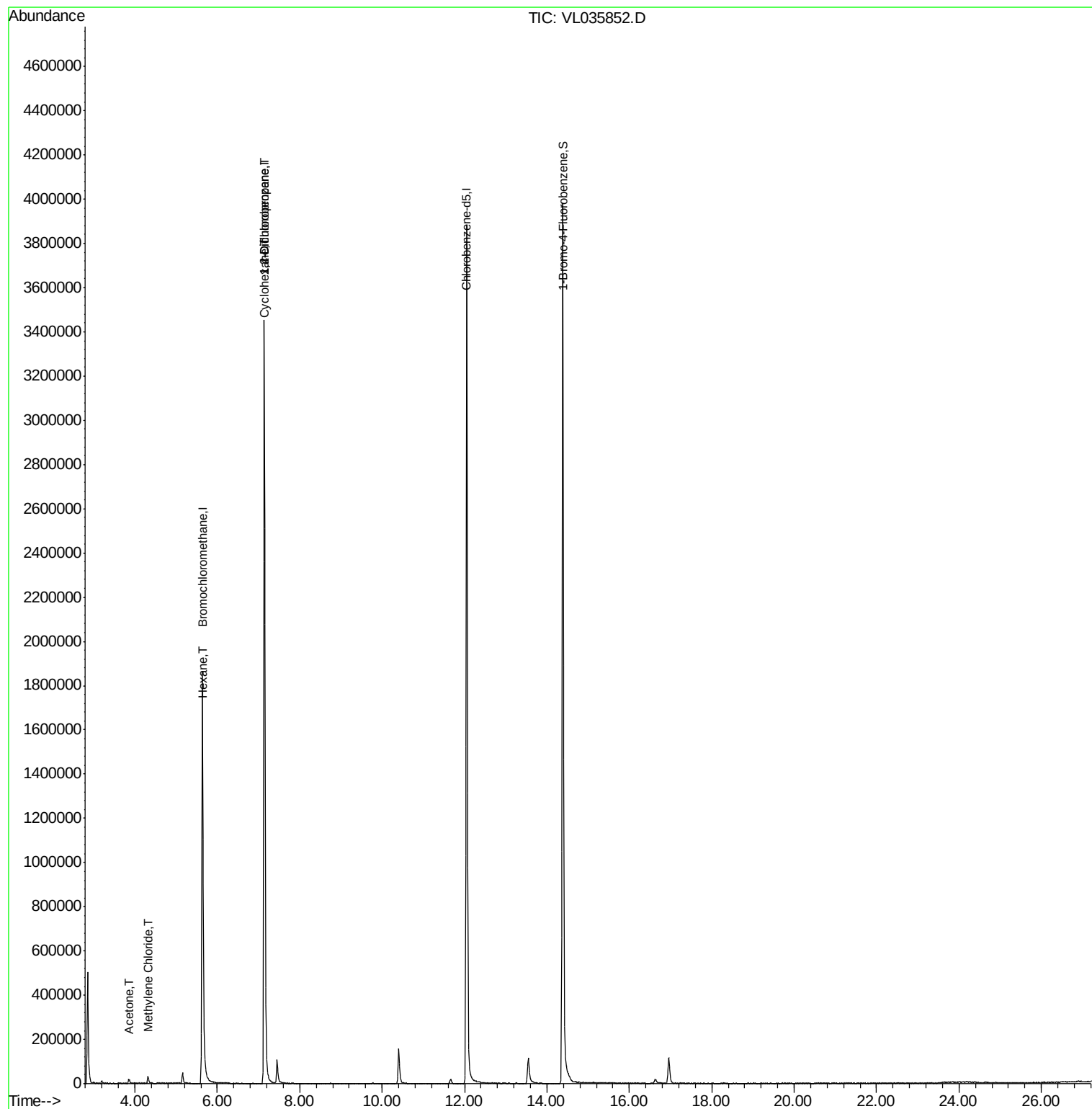
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.85	43	15378	0.174	ppbv #	1
20) Methylene Chloride	4.32	84	17209	0.277	ppbv	94
26) Hexane	5.65	57	3795	0.040	ppbv #	44
30) Cyclohexane	7.13	84	5774	0.055	ppbv #	6
39) 1,2-Dichloropropane	7.14	63	628732	7.801	ppbv #	31

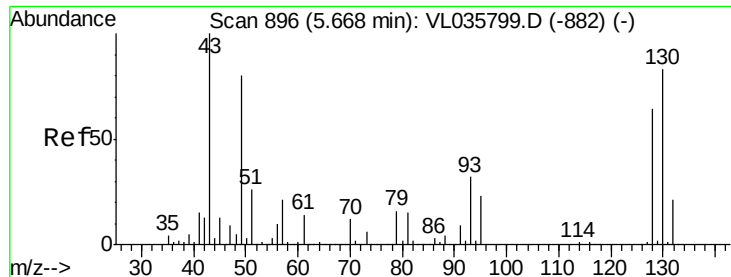
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL110420\
Data File : VL035852.D
Acq On : 5 Nov 2020 4:01
Operator : SY/AP
Sample : OC102020 CAN 10315
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Nov 05 04:52:25 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Nov 04 02:40:06 2020
QLast Update : Wed Nov 04 02:40:06 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.64 min Scan# 886

Delta R.T. -0.03 min

Lab File: VL035852.D

Acq: 5 Nov 2020 4:01

Instrument :

MSVOA_L

ClientSampled :

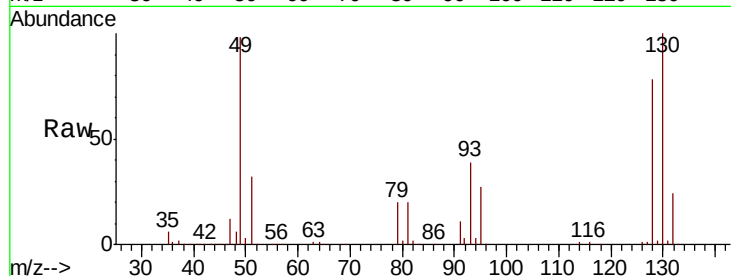
Tot Ion: 49 Resp: 826787

Ion Ratio Lower Upper

49 100

128 82.6 41.5 124.6

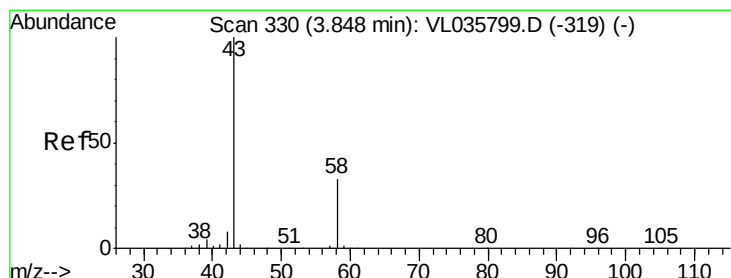
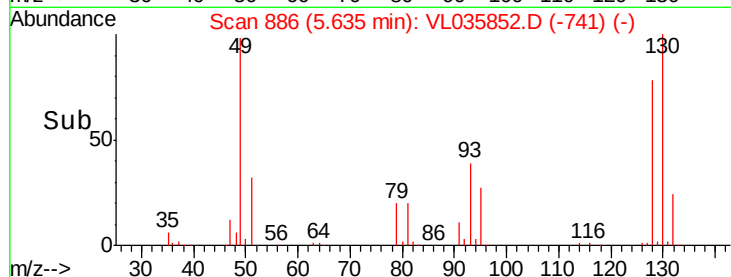
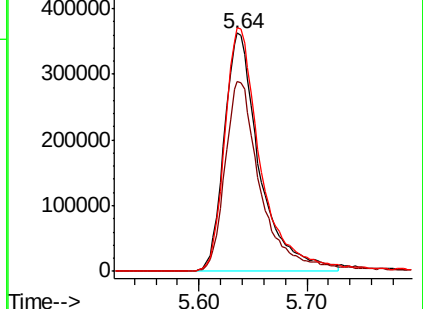
130 107.1 53.7 161.1



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: 0.174 ppbv

RT: 3.85 min Scan# 330

Delta R.T. -0.00 min

Lab File: VL035852.D

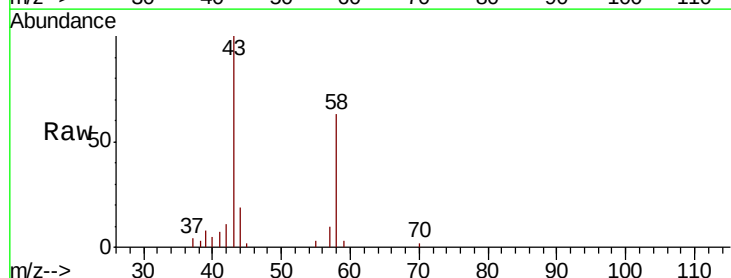
Acq: 5 Nov 2020 4:01

Tgt Ion: 43 Resp: 15378

Ion Ratio Lower Upper

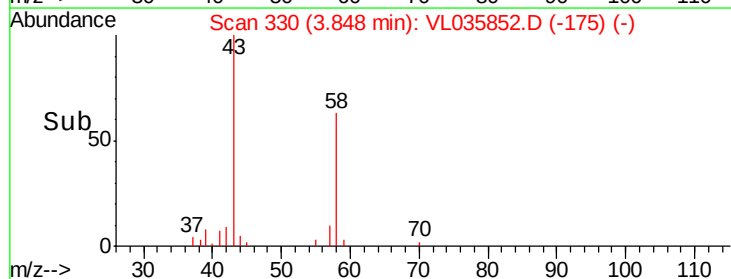
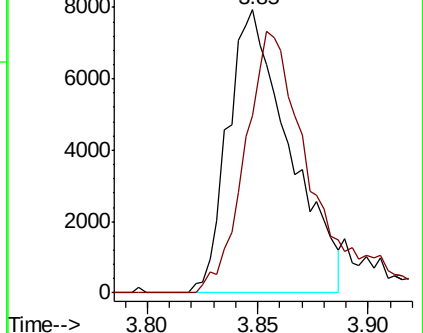
43 100

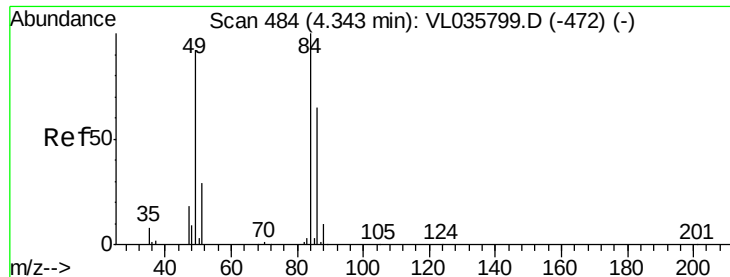
58 100.5 27.5 41.3#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

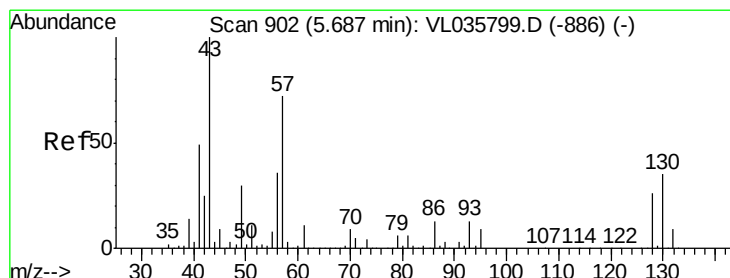
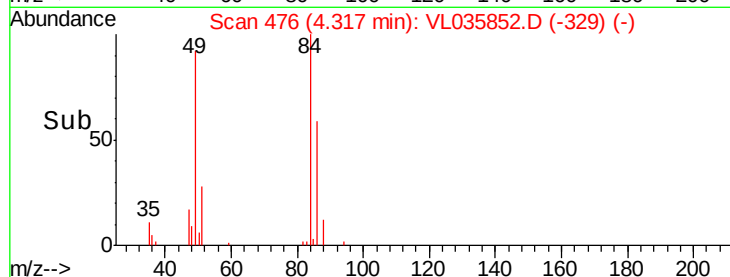
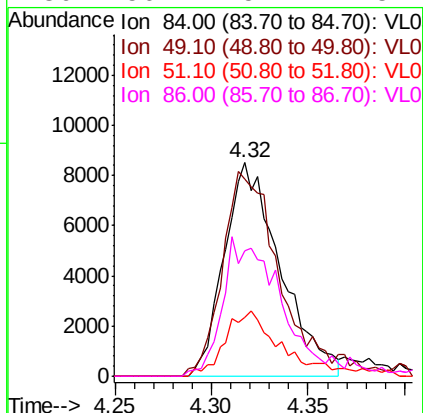
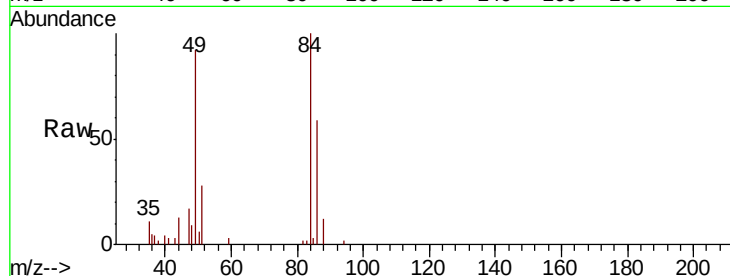




#20
Methylene Chloride
Concen: 0.277 ppbv
RT: 4.32 min Scan# 476
Delta R.T. -0.03 min
Lab File: VL035852.D
Acq: 5 Nov 2020 4:01

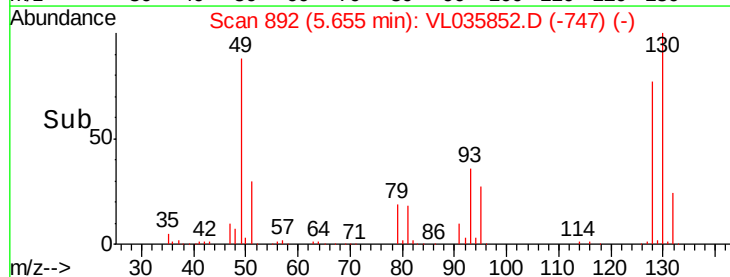
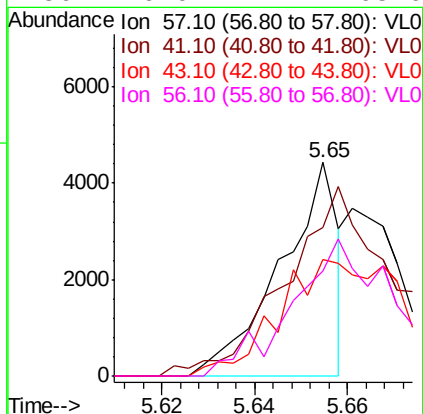
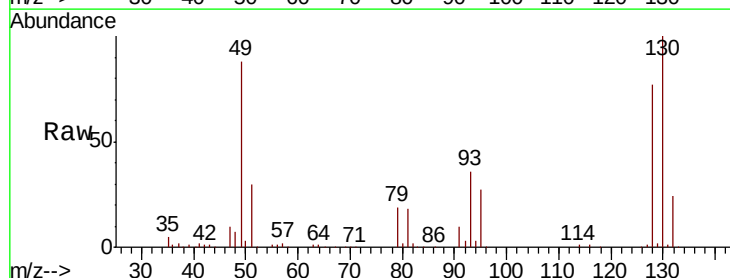
Instrument :
MSVOA_L
ClientSampled :

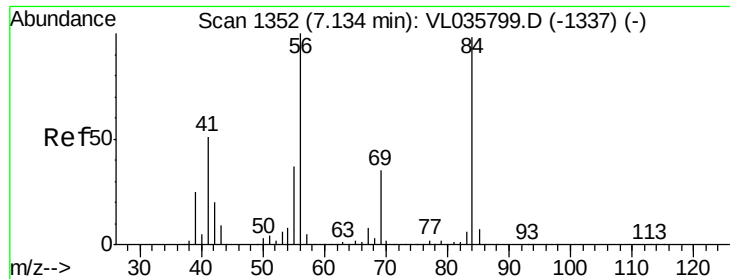
Tot Ion:	84	Resp:	17209
Ion	Ratio	Lower	Upper
84	100		
49	89.0	73.8	110.8
51	27.6	23.0	34.4
86	56.2	52.1	78.1



#26
Hexane
Concen: 0.040 ppbv
RT: 5.65 min Scan# 892
Delta R.T. -0.03 min
Lab File: VL035852.D
Acq: 5 Nov 2020 4:01

Tgt Ion:	57	Resp:	3795
Ion	Ratio	Lower	Upper
57	100		
41	0.0	58.9	88.3#
43	131.8	150.2	225.2#
56	0.0	42.4	63.6#

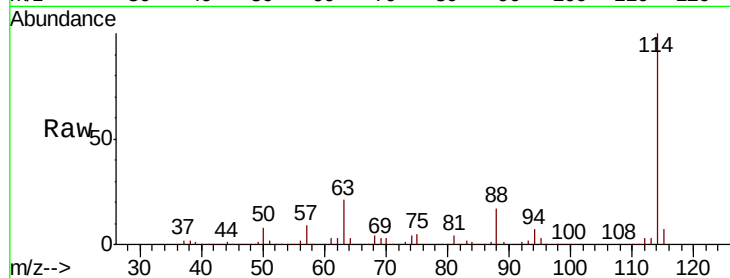




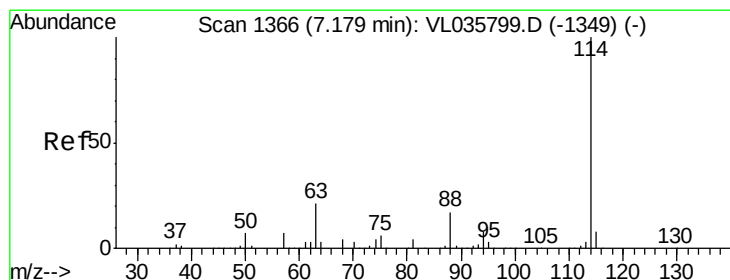
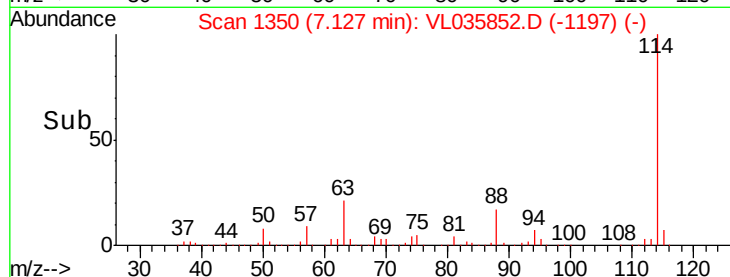
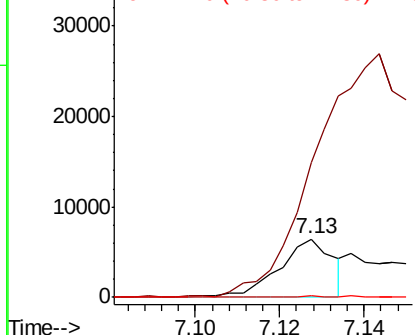
#30
Cyclohexane
Concen: 0.055 ppbv
RT: 7.13 min Scan# 1350
Delta R.T. -0.01 min
Lab File: VL035852.D
Acq: 5 Nov 2020 4:01

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 84 Resp: 5774
Ion Ratio Lower Upper
84 100
56 0.0 86.4 129.6#
41 0.0 42.1 63.1#

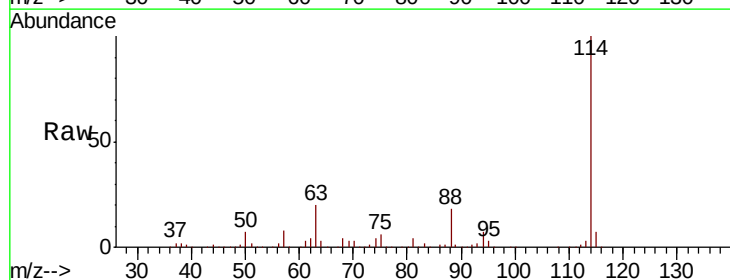


Abundance Ion 84.20 (83.90 to 84.90): VL0
Ion 56.10 (55.80 to 56.80): VL0
Ion 41.10 (40.80 to 41.80): VL0

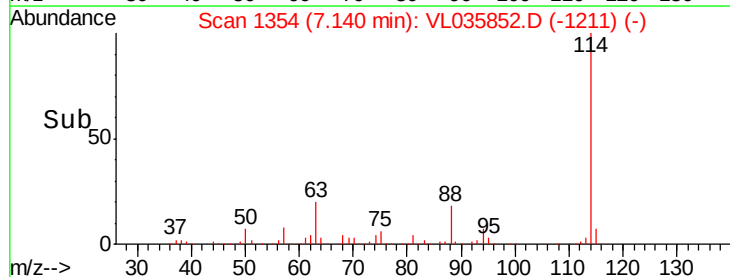
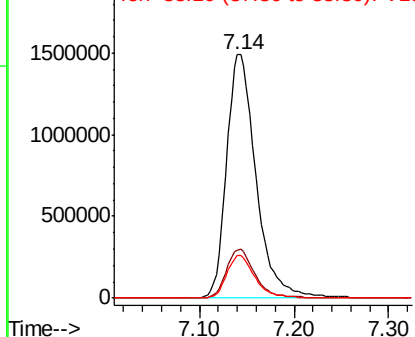


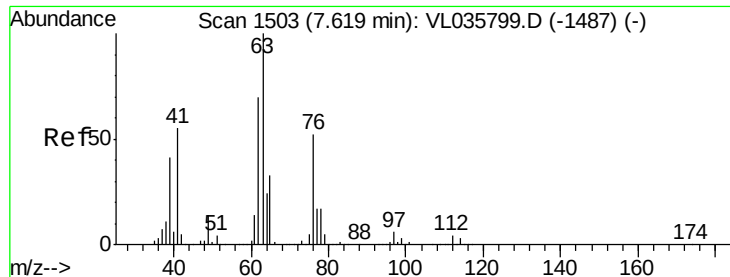
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.14 min Scan# 1354
Delta R.T. -0.04 min
Lab File: VL035852.D
Acq: 5 Nov 2020 4:01

Tgt Ion: 114 Resp: 3220165
Ion Ratio Lower Upper
114 100
63 19.8 16.1 24.1
88 16.9 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: 7.801 ppbv

RT: 7.14 min Scan# 1355

Delta R.T. -0.48 min

Lab File: VL035852.D

Acq: 5 Nov 2020 4:01

Instrument :

MSVOA_L

ClientSampleId :

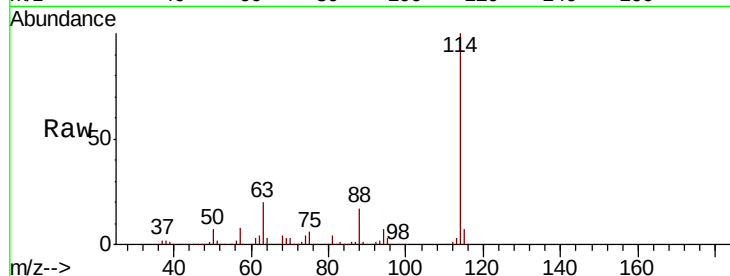
Tot Ion: 63 Resp: 628732

Ion Ratio Lower Upper

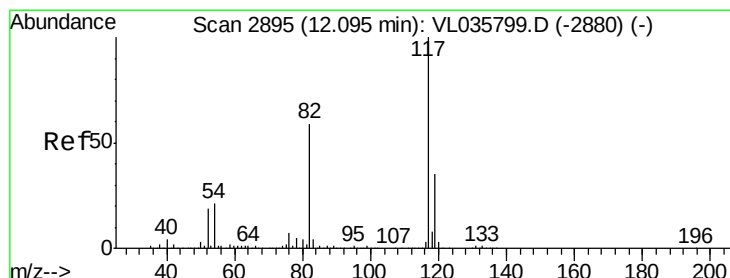
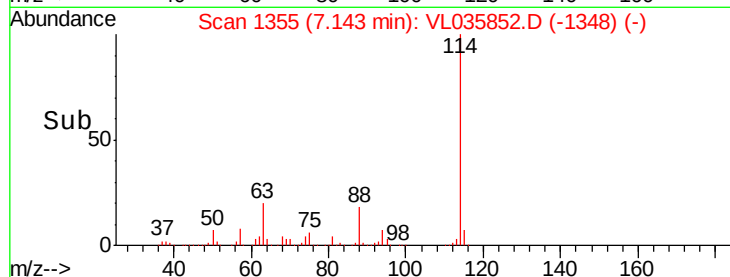
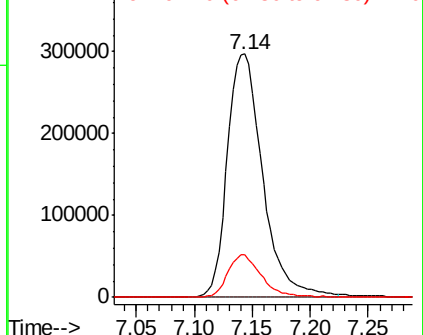
63 100

41 0.0 43.8 65.6#

62 17.7 56.2 84.2#



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: 12.05 min Scan# 2882

Delta R.T. -0.04 min

Lab File: VL035852.D

Acq: 5 Nov 2020 4:01

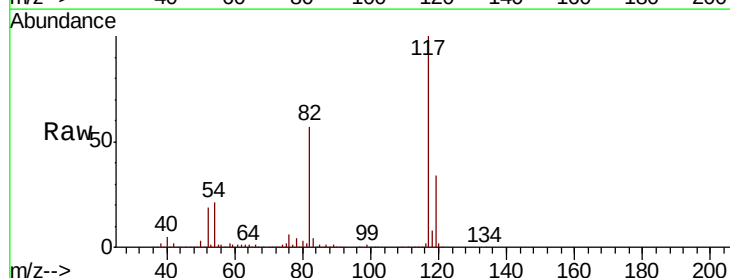
Tgt Ion: 117 Resp: 2950480

Ion Ratio Lower Upper

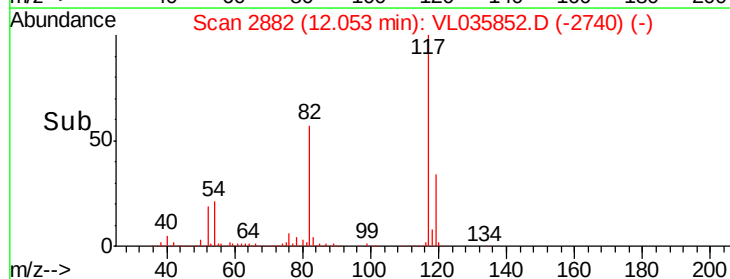
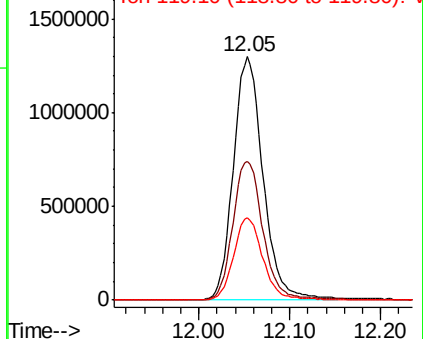
117 100

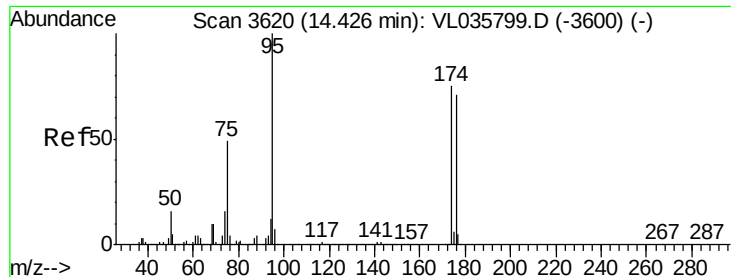
82 58.4 50.6 76.0

119 33.8 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: 10.028 ppbv

RT: 14.38 min Scan# 3607

Delta R.T. -0.04 min

Lab File: VL035852.D

Acq: 5 Nov 2020 4:01

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion: 95 Resp: 2102036

Ion Ratio Lower Upper

95 100

174 77.8 59.8 89.6

175 5.5 4.3 6.5

