

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL110420\
 Data File : VL035842.D
 Acq On : 4 Nov 2020 21:21
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Nov 05 02:58:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed 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	5.63	49	896453	10.00	ppbv	-0.04
33) 1,4-Difluorobenzene	7.14	114	4090530	10.00	ppbv	-0.04
55) Chlorobenzene-d5	12.05	117	3747580	10.00	ppbv	-0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.38	95	2596820	9.75	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.50%

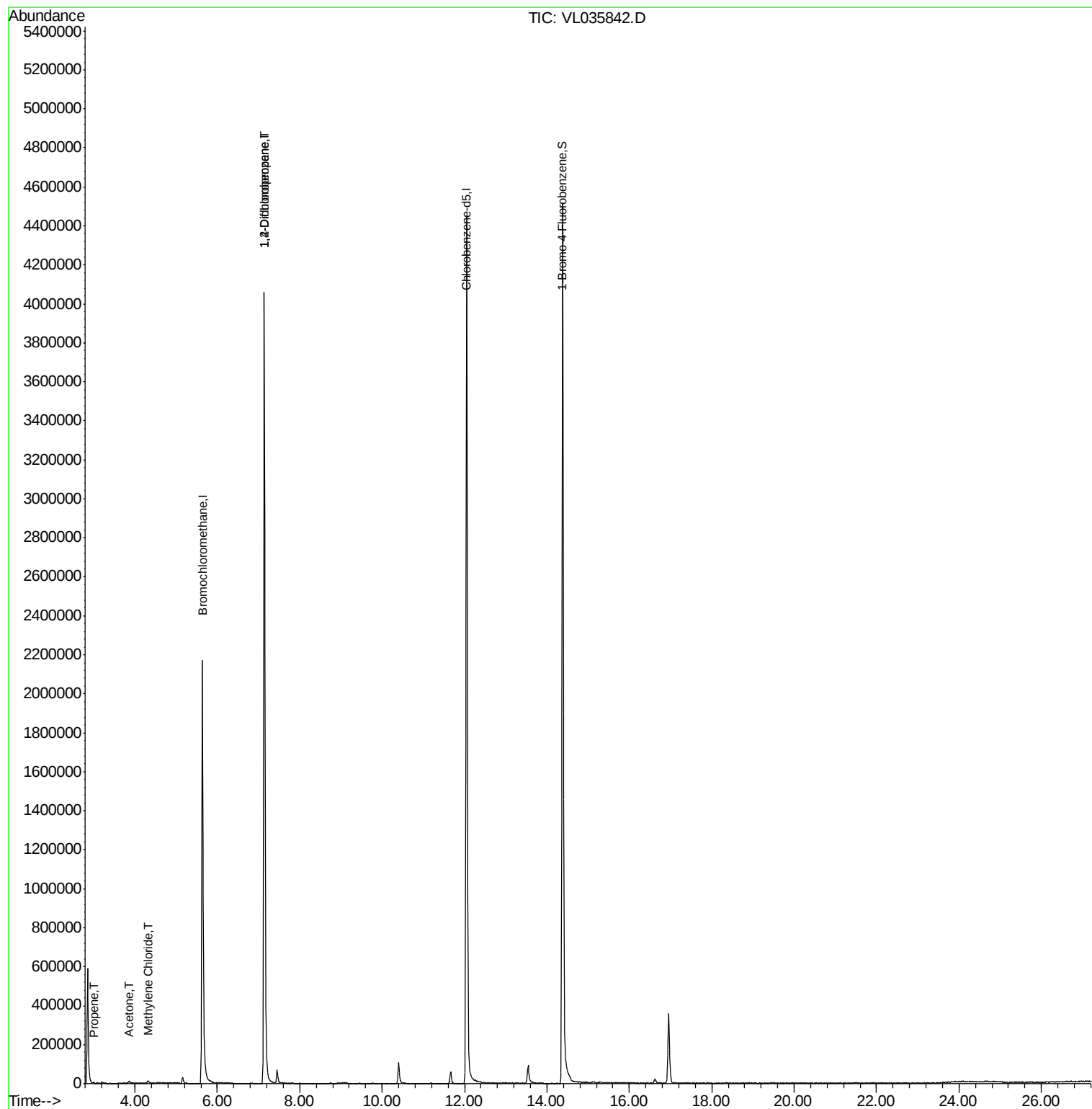
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.00	41	1614	0.041	ppbv	92
15) Acetone	3.84	43	9149	0.095	ppbv #	1
20) Methylene Chloride	4.31	84	6817	0.101	ppbv #	72
39) 1,2-Dichloropropane	7.14	63	725266	7.084	ppbv #	30

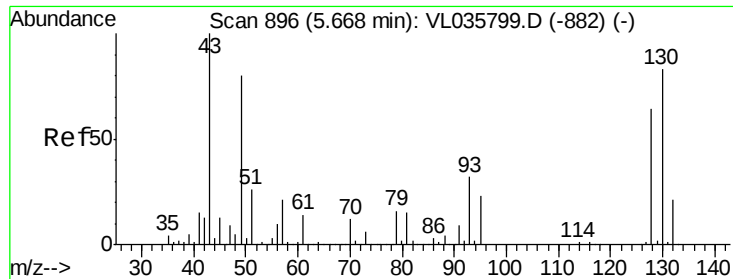
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.63 min Scan# 885

Delta R.T. -0.04 min

Lab File: VL035842.D

Acq: 4 Nov 2020 21:21

Instrument :

MSVOA_L

ClientSampled :

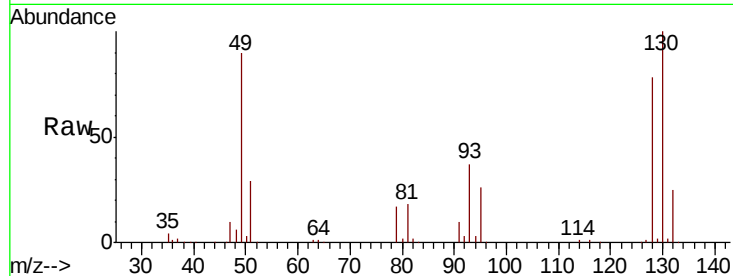
Tot Ion: 49 Resp: 896453

Ion Ratio Lower Upper

49 100

128 94.3 41.5 124.6

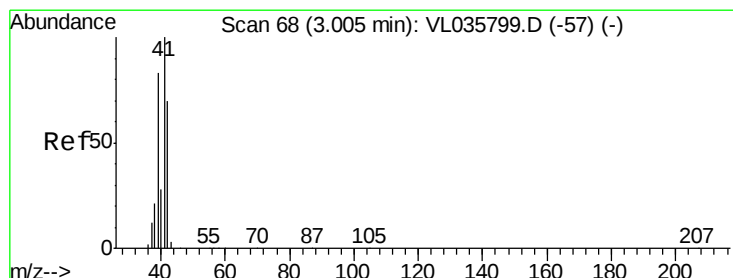
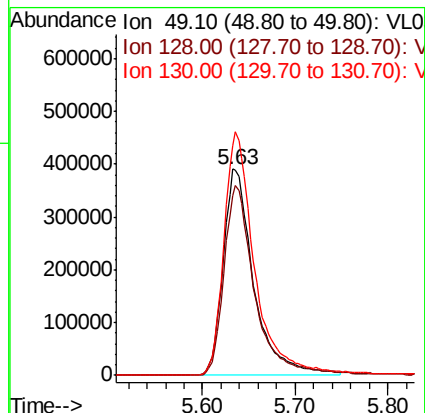
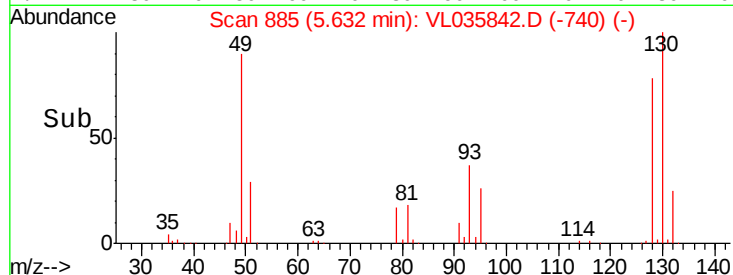
130 120.9 53.7 161.1



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



#9

Propene

Concen: 0.041 ppbv

RT: 3.00 min Scan# 67

Delta R.T. -0.00 min

Lab File: VL035842.D

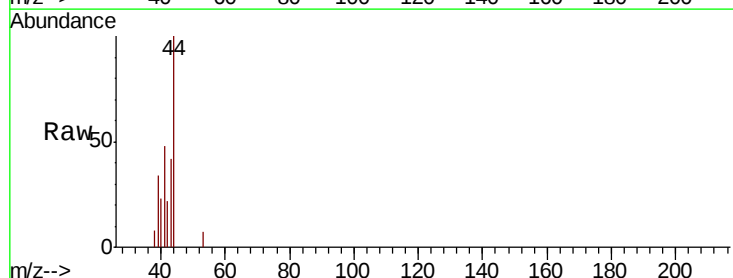
Acq: 4 Nov 2020 21:21

Tgt Ion: 41 Resp: 1614

Ion Ratio Lower Upper

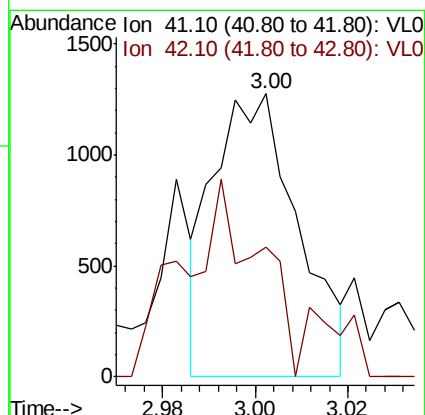
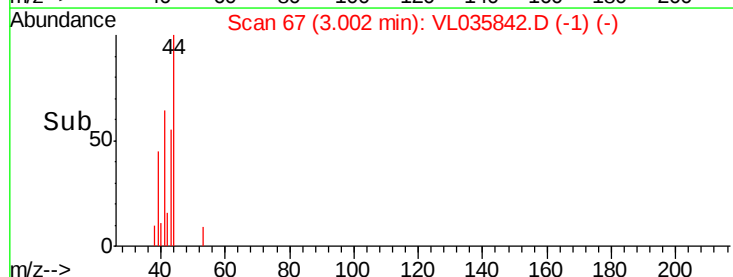
41 100

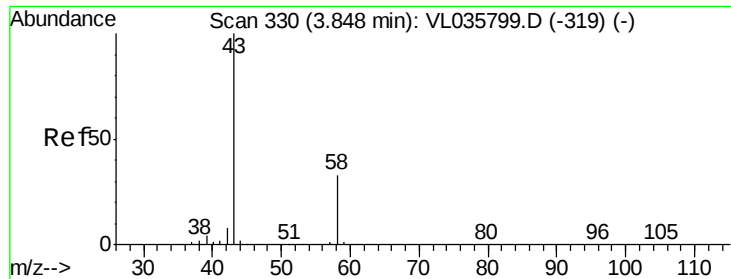
42 77.1 56.2 84.4



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





#15

Acetone

Concen: 0.095 ppbv

RT: 3.84 min Scan# 329

Delta R.T. -0.00 min

Lab File: VL035842.D

Acq: 4 Nov 2020 21:21

Instrument :

MSVOA_L

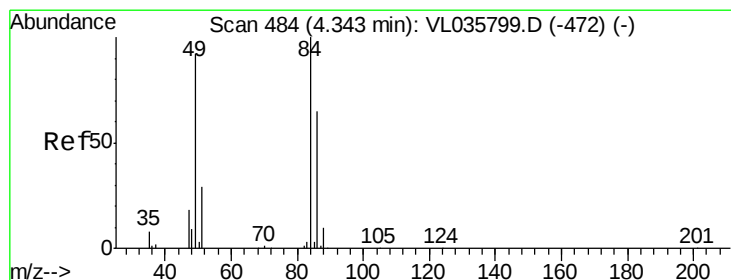
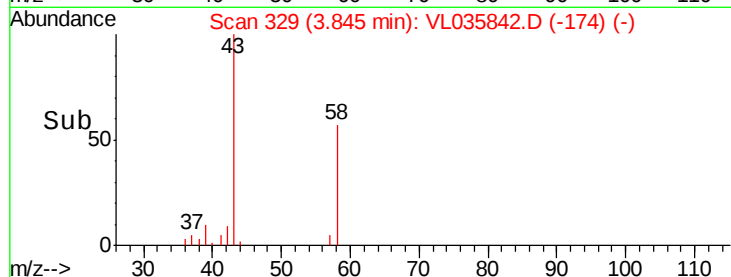
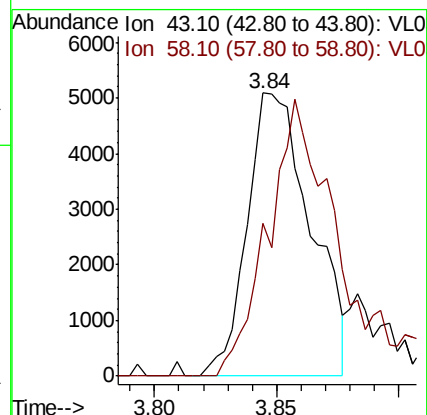
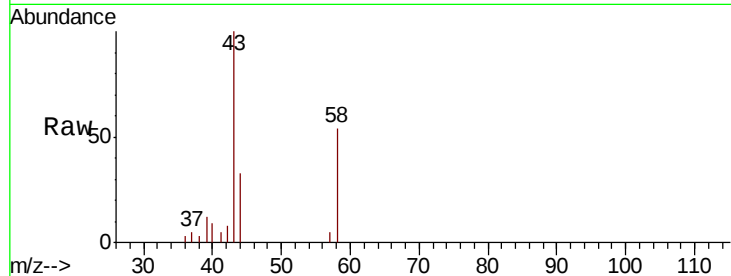
ClientSampled :

Tot Ion: 43 Resp: 9149

Ion Ratio Lower Upper

43 100

58 110.7 27.5 41.3#



#20

Methylene Chloride

Concen: 0.101 ppbv

RT: 4.31 min Scan# 475

Delta R.T. -0.03 min

Lab File: VL035842.D

Acq: 4 Nov 2020 21:21

Tgt Ion: 84 Resp: 6817

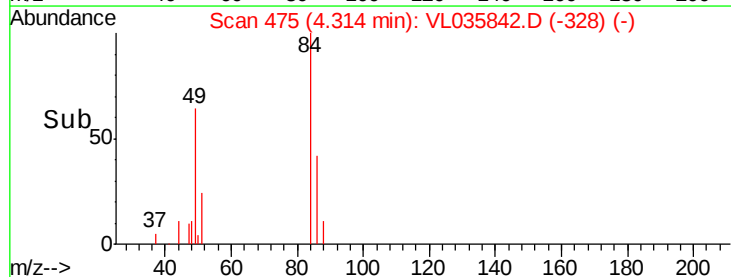
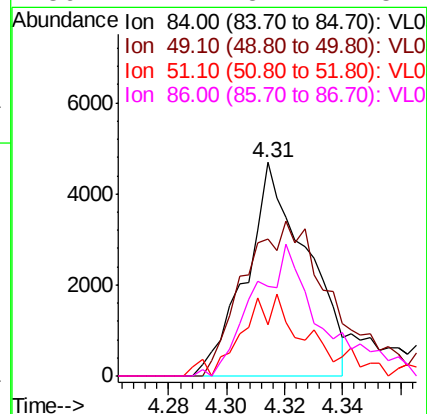
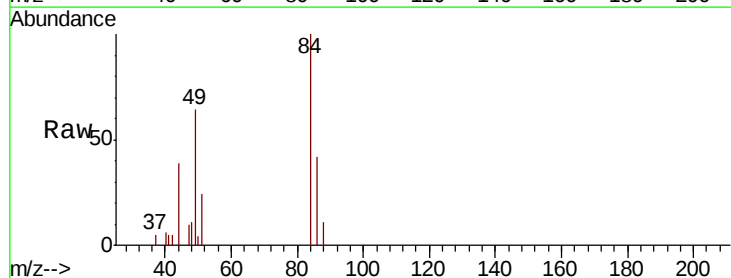
Ion Ratio Lower Upper

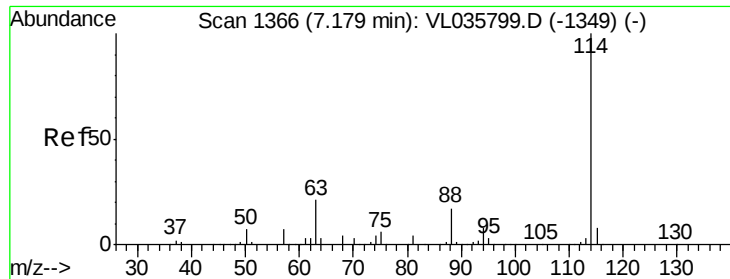
84 100

49 63.9 73.8 110.8#

51 19.6 23.0 34.4#

86 41.7 52.1 78.1#

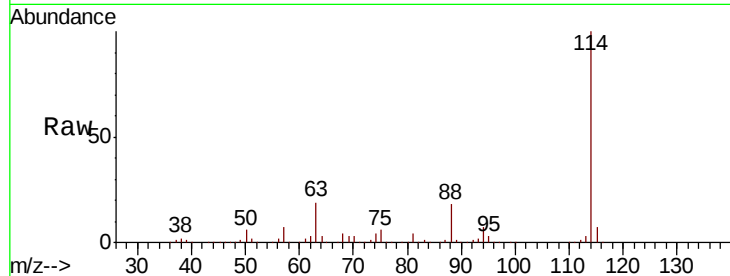




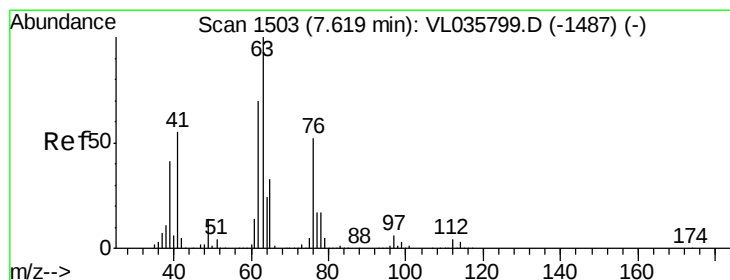
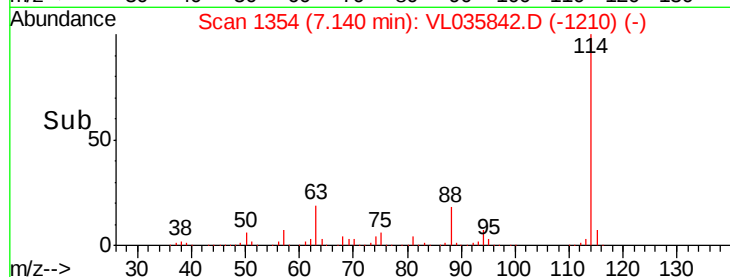
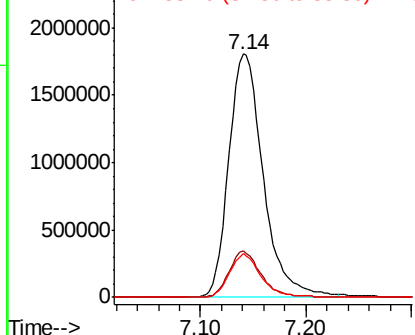
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.14 min Scan# 1354
 Delta R.T. -0.04 min
 Lab File: VL035842.D
 Acq: 4 Nov 2020 21:21

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion:114 Resp: 4090530
 Ion Ratio Lower Upper
 114 100
 63 18.1 16.1 24.1
 88 16.7 13.7 20.5

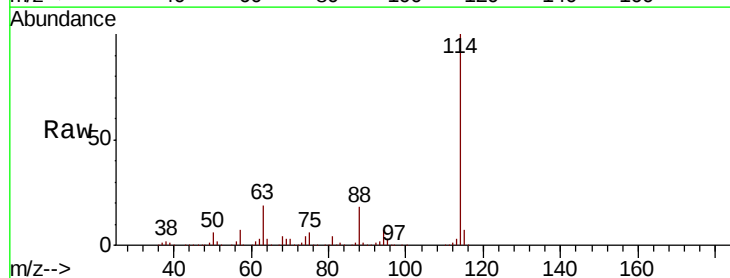


Abundance Ion 114.10 (113.80 to 114.80): V
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

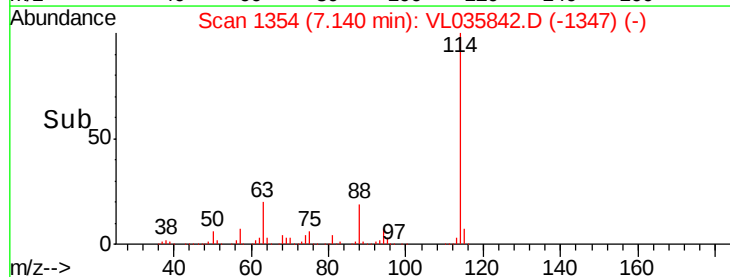
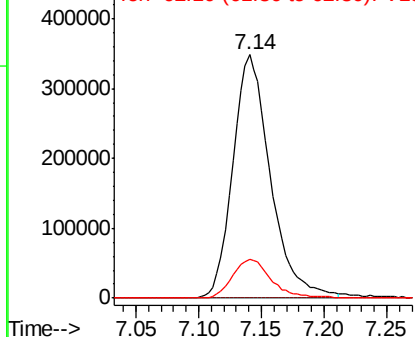


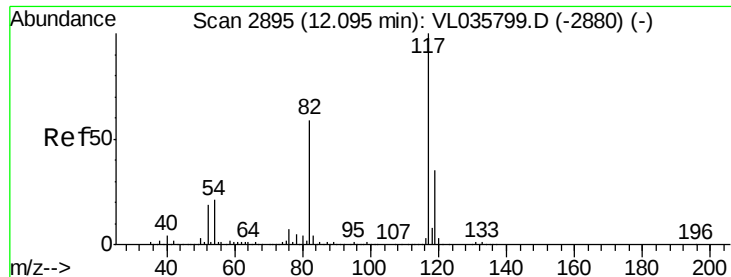
#39
 1,2-Dichloropropane
 Concen: 7.084 ppbv
 RT: 7.14 min Scan# 1354
 Delta R.T. -0.48 min
 Lab File: VL035842.D
 Acq: 4 Nov 2020 21:21

Tgt Ion: 63 Resp: 725266
 Ion Ratio Lower Upper
 63 100
 41 0.0 43.8 65.6#
 62 15.8 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

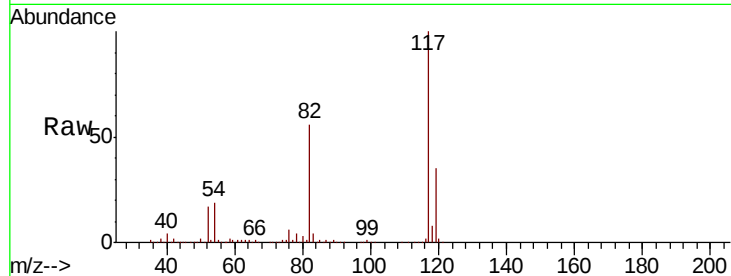




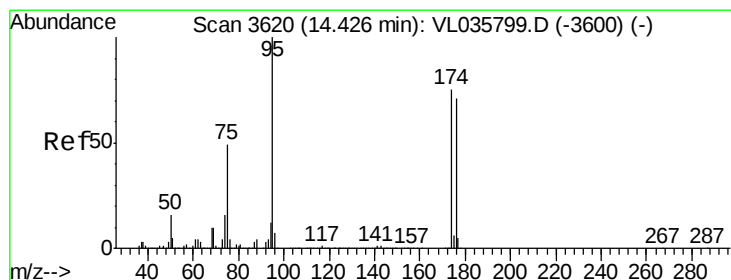
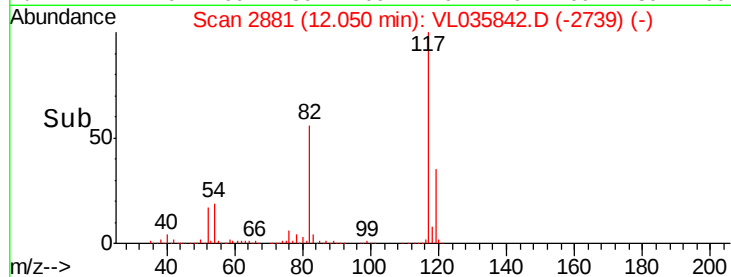
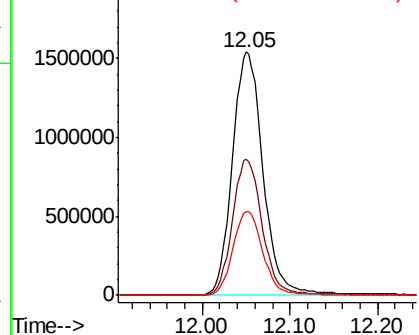
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.05 min Scan# 2881
Delta R.T. -0.04 min
Lab File: VL035842.D
Acq: 4 Nov 2020 21:21

Instrument :
MSVOA_L
ClientSampled :

Tot Ion:117 Resp: 3747580
Ion Ratio Lower Upper
117 100
82 55.7 50.6 76.0
119 34.1 52.6 78.8#

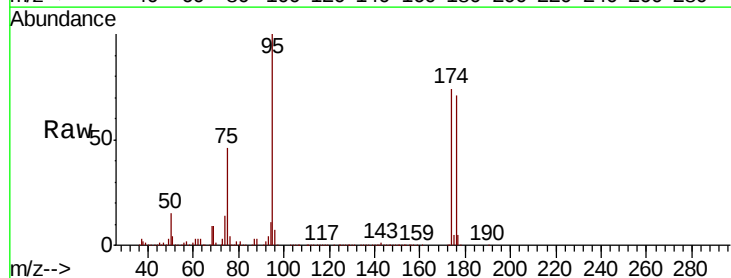


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 9.753 ppbv
RT: 14.38 min Scan# 3607
Delta R.T. -0.04 min
Lab File: VL035842.D
Acq: 4 Nov 2020 21:21

Tgt Ion: 95 Resp: 2596820
Ion Ratio Lower Upper
95 100
174 77.2 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

