

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL100820\
 Data File : VL035753.D
 Acq On : 8 Oct 2020 20:15
 Operator : SY/AP
 Sample : OC100620 CAN 10598
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Oct 09 01:19:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL092320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Sep 23 07:38:05 2020
 QLast Update : Wed Sep 23 07:38:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1171641	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.17	114	4301794	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.09	117	4205450	10.00	ppbv	-0.02

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.42	95	3095869	9.82	ppbv	-0.02	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.20%	

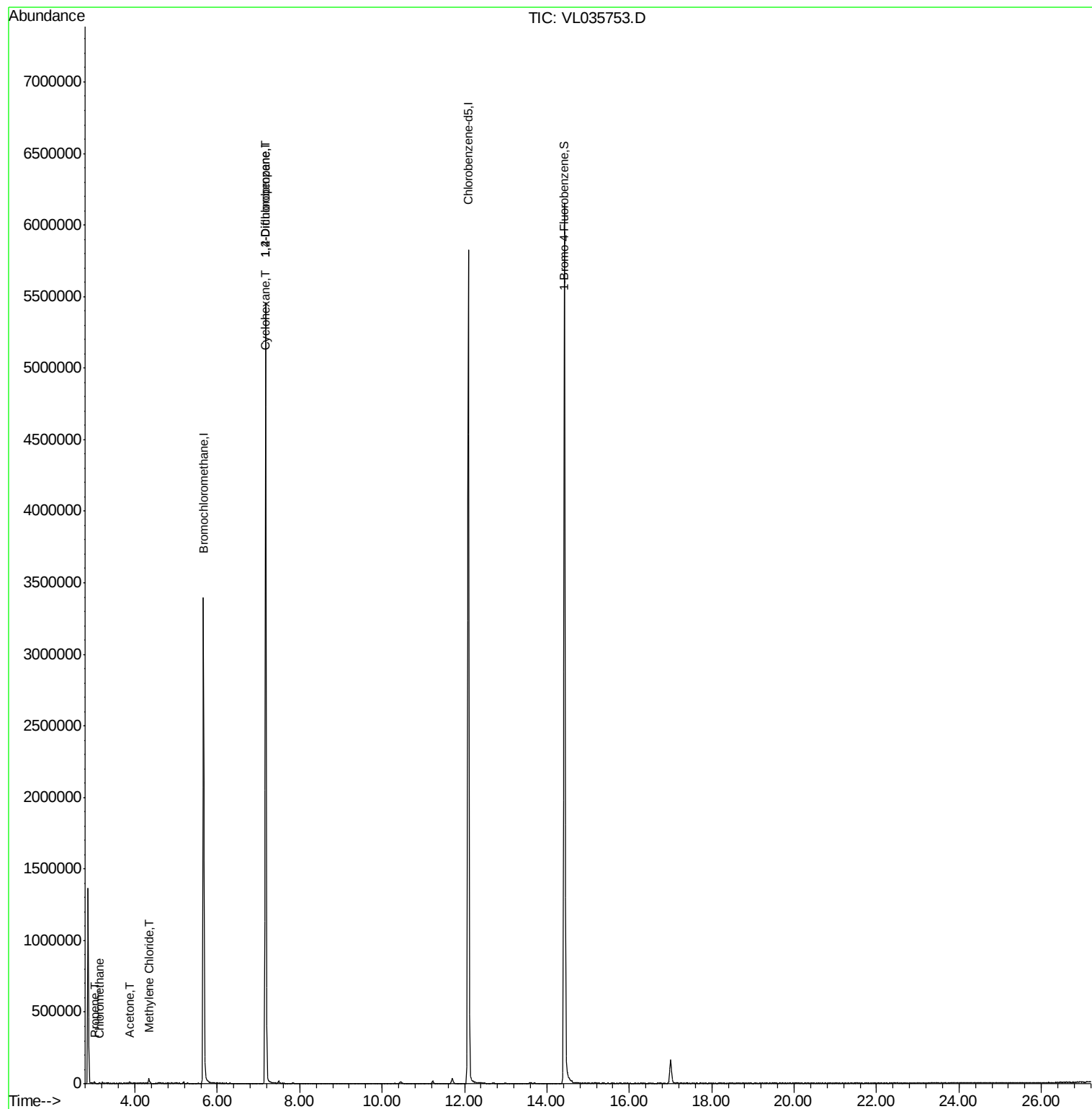
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
4) Chloromethane	3.13	50	2254	0.033	ppbv	97
9) Propene	3.01	41	3750	0.082	ppbv	90
15) Acetone	3.87	43	8386	0.067	ppbv #	50
20) Methylene Chloride	4.34	84	15425	0.167	ppbv #	95
30) Cyclohexane	7.16	84	6660	0.054	ppbv #	7
39) 1,2-Dichloropropane	7.17	63	846789	8.335	ppbv #	31

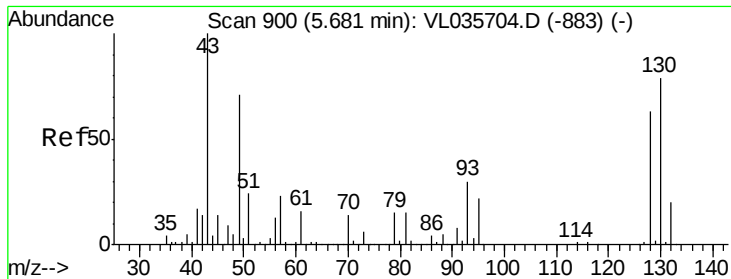
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL100820\
Data File : VL035753.D
Acq On : 8 Oct 2020 20:15
Operator : SY/AP
Sample : OC100620 CAN 10598
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Oct 09 01:19:43 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL092320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Sep 23 07:38:05 2020
QLast Update : Wed Sep 23 07:38:05 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 894

Delta R.T. -0.02 min

Lab File: VL035753.D

Acq: 8 Oct 2020 20:15

Instrument :

MSVOA_L

ClientSampleId :

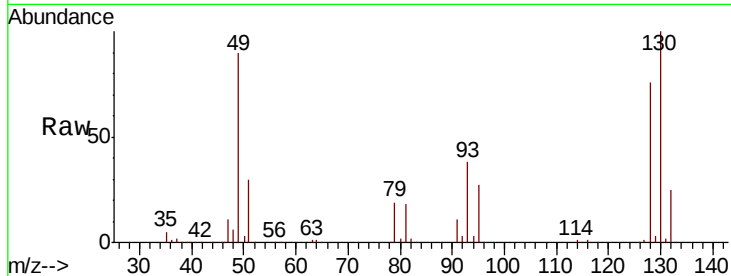
Tot Ion: 49 Resp: 1171641

Ion Ratio Lower Upper

49 100

128 83.9 43.1 129.4

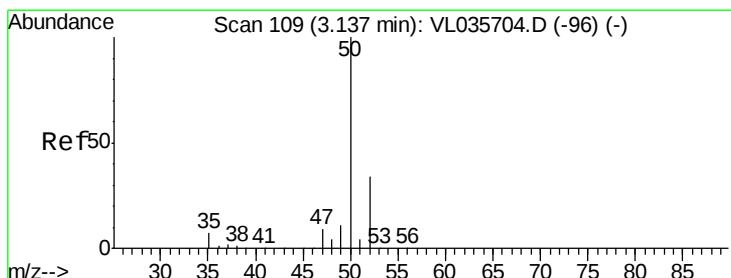
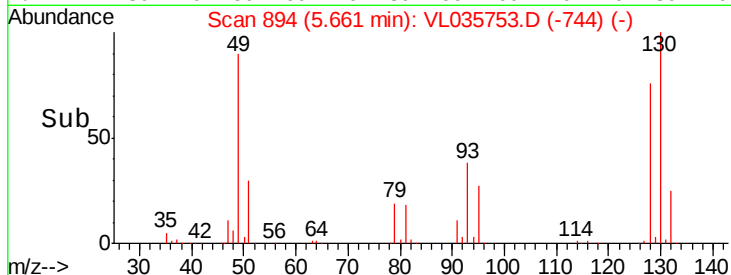
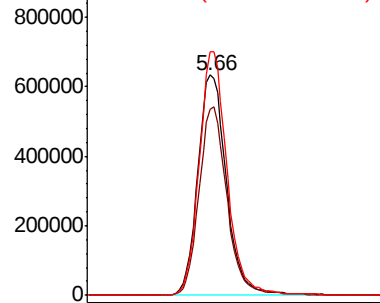
130 108.1 54.9 164.7



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



#4

Chloromethane

Concen: 0.033 ppbv

RT: 3.13 min Scan# 108

Delta R.T. -0.00 min

Lab File: VL035753.D

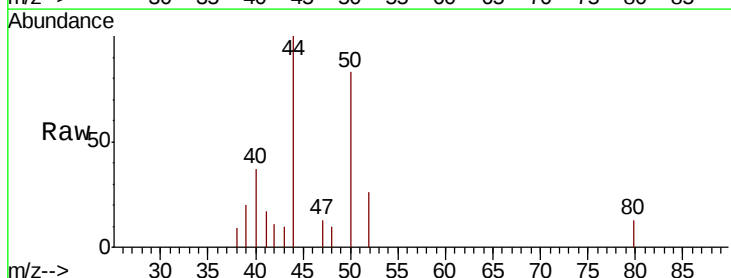
Acq: 8 Oct 2020 20:15

Tgt Ion: 50 Resp: 2254

Ion Ratio Lower Upper

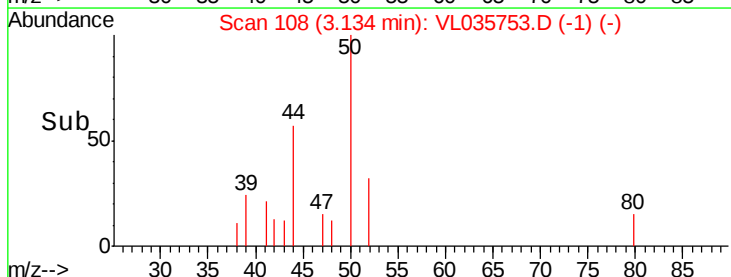
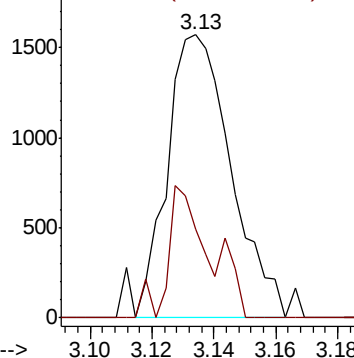
50 100

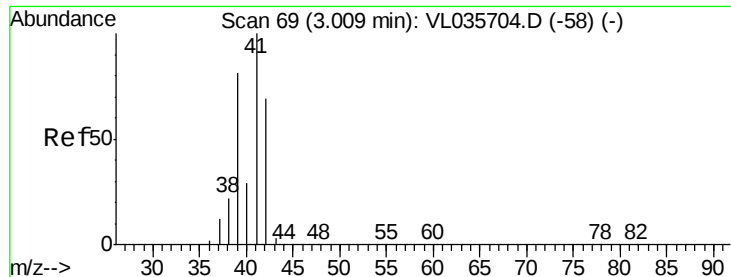
52 31.6 26.8 40.2



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#9

Propene

Concen: 0.082 ppbv

RT: 3.01 min Scan# 69

Delta R.T. 0.00 min

Lab File: VL035753.D

Acq: 8 Oct 2020 20:15

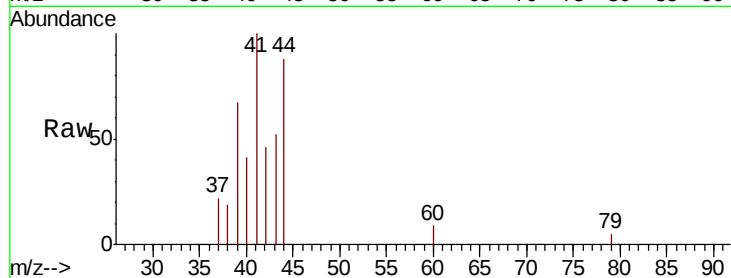
Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 41 Resp: 3750

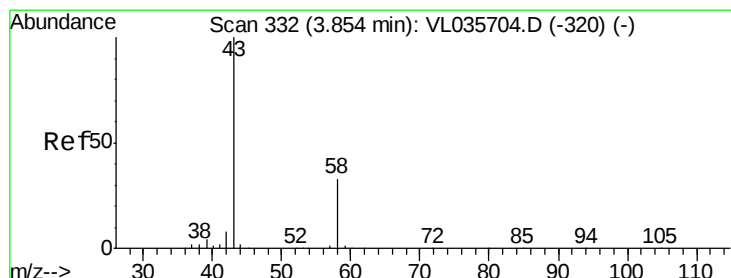
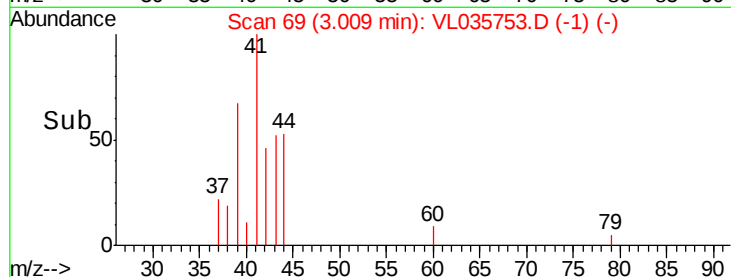
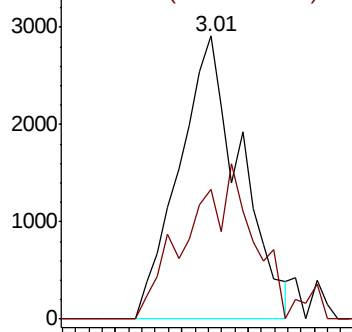
Ion Ratio Lower Upper

41 100

42 62.3 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: 0.067 ppbv

RT: 3.87 min Scan# 337

Delta R.T. 0.02 min

Lab File: VL035753.D

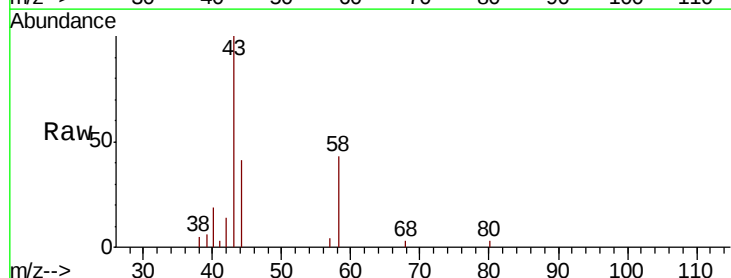
Acq: 8 Oct 2020 20:15

Tgt Ion: 43 Resp: 8386

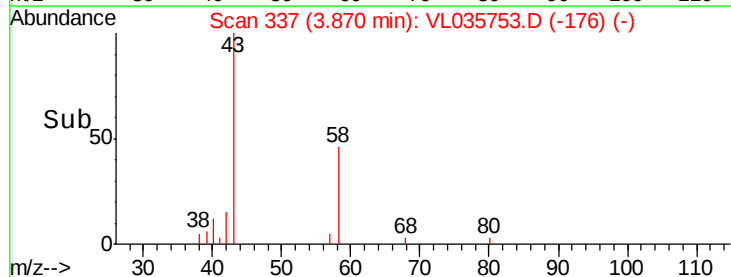
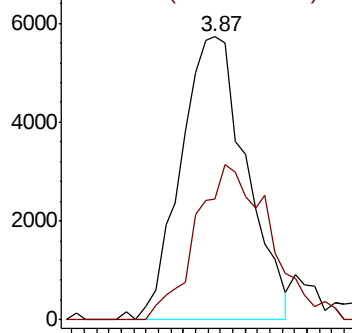
Ion Ratio Lower Upper

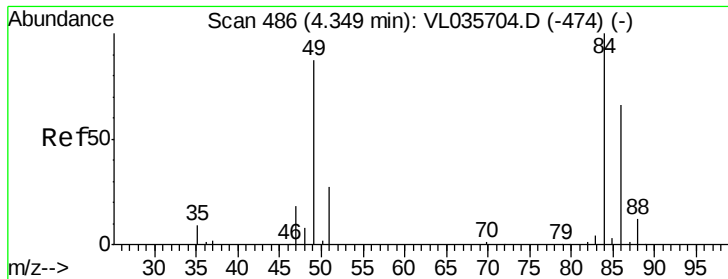
43 100

58 62.6 27.3 40.9#



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

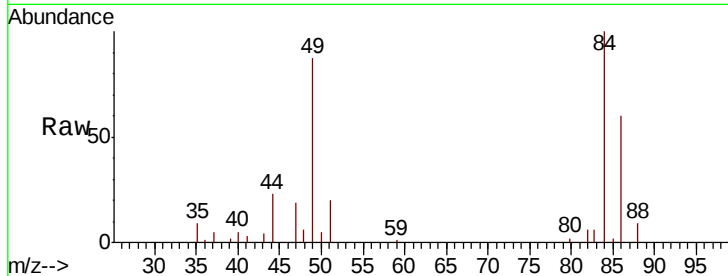




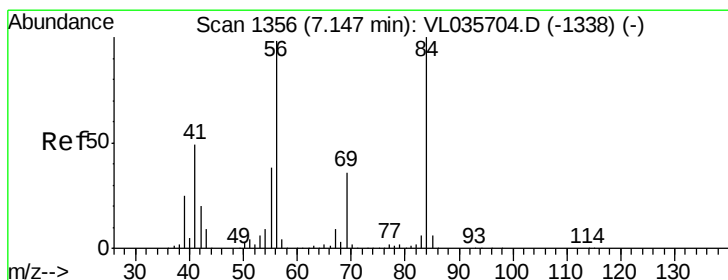
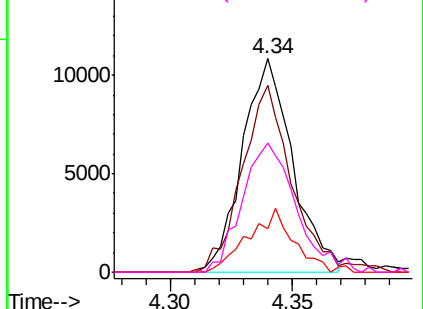
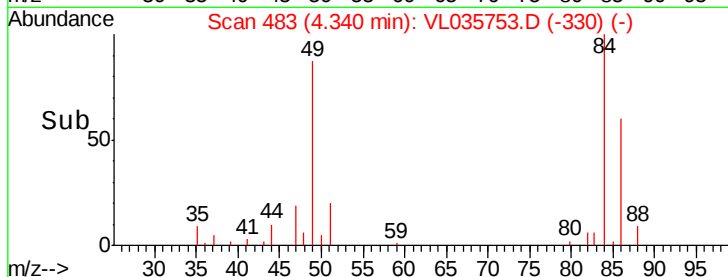
#20
Methvlene Chloride
Concen: 0.167 ppbv
RT: 4.34 min Scan# 483
Delta R.T. -0.01 min
Lab File: VL035753.D
Acq: 8 Oct 2020 20:15

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 84 Resp: 15425
Ion Ratio Lower Upper
84 100
49 87.4 69.8 104.6
51 20.1 21.8 32.8#
86 60.3 52.6 78.8

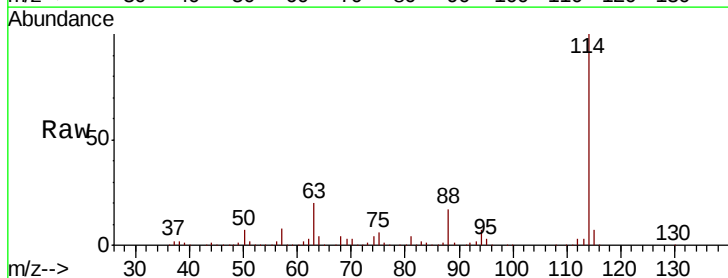


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

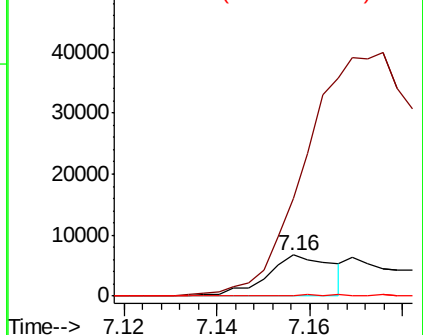
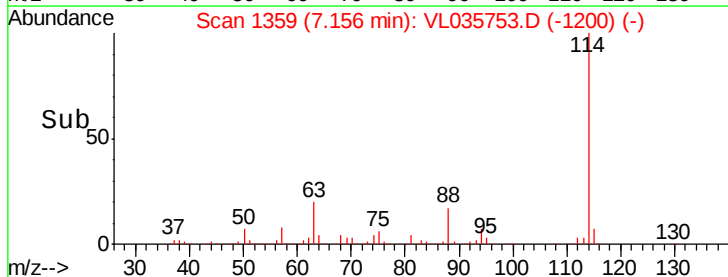


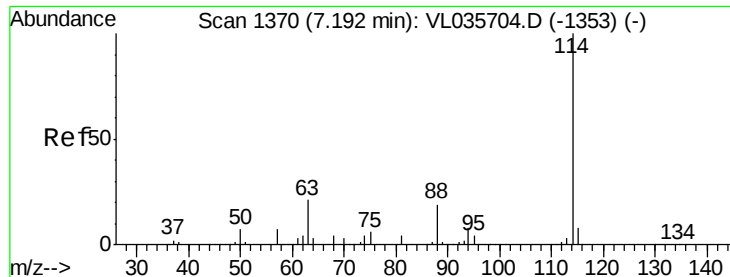
#30
Cyclohexane
Concen: 0.054 ppbv
RT: 7.16 min Scan# 1359
Delta R.T. 0.01 min
Lab File: VL035753.D
Acq: 8 Oct 2020 20:15

Tgt Ion: 84 Resp: 6660
Ion Ratio Lower Upper
84 100
56 0.0 84.6 127.0#
41 0.0 41.1 61.7#



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

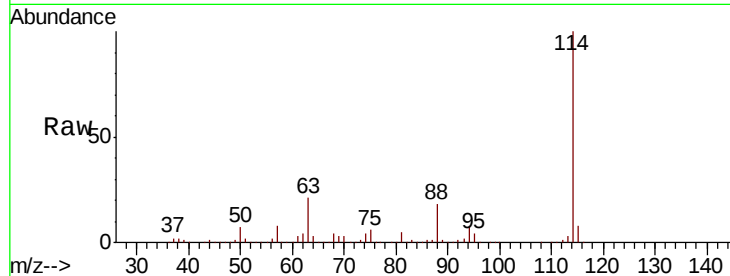




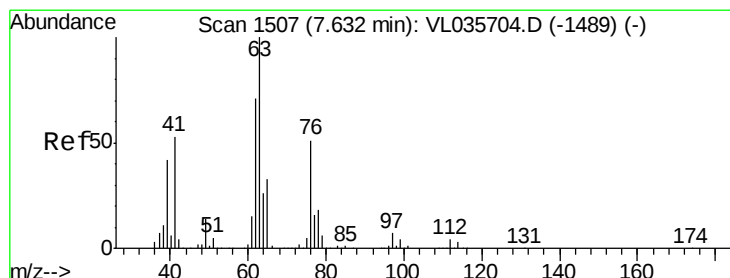
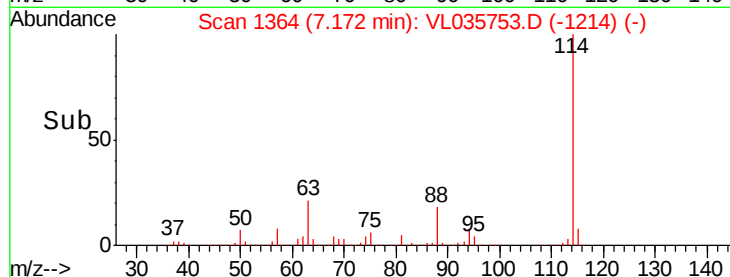
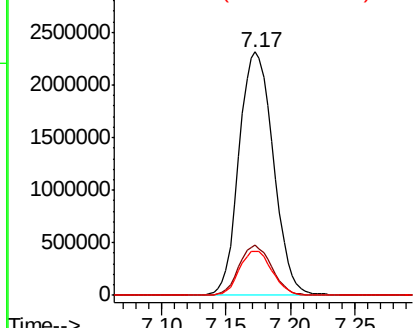
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1364
 Delta R.T. -0.02 min
 Lab File: VL035753.D
 Acq: 8 Oct 2020 20:15

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion:114 Resp: 4301794
 Ion Ratio Lower Upper
 114 100
 63 19.8 16.1 24.1
 88 17.4 14.1 21.1

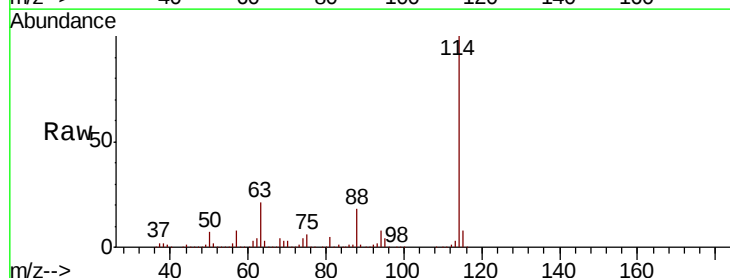


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

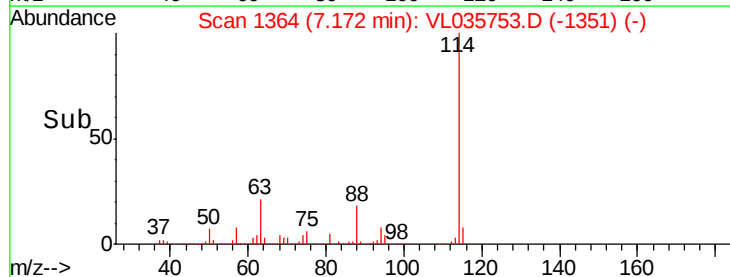
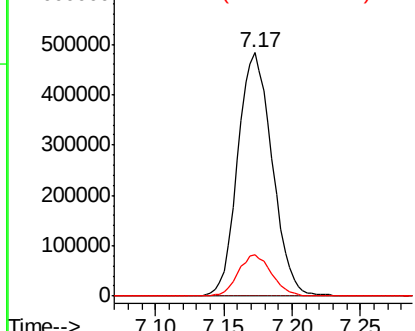


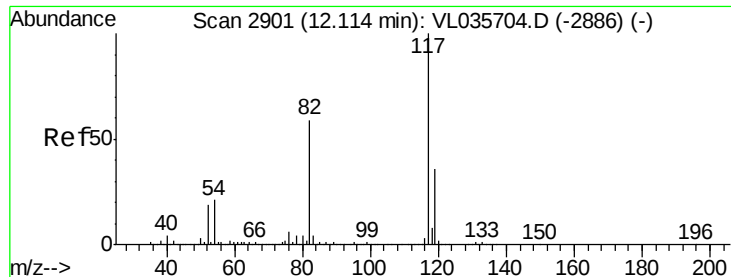
#39
 1,2-Dichloropropane
 Concen: 8.335 ppbv
 RT: 7.17 min Scan# 1364
 Delta R.T. -0.46 min
 Lab File: VL035753.D
 Acq: 8 Oct 2020 20:15

Tgt Ion: 63 Resp: 846789
 Ion Ratio Lower Upper
 63 100
 41 0.0 42.6 63.8#
 62 17.1 56.5 84.7#



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: 12.09 min Scan# 2894

Delta R.T. -0.02 min

Lab File: VL035753.D

Acq: 8 Oct 2020 20:15

Instrument :

MSVOA_L

ClientSampled :

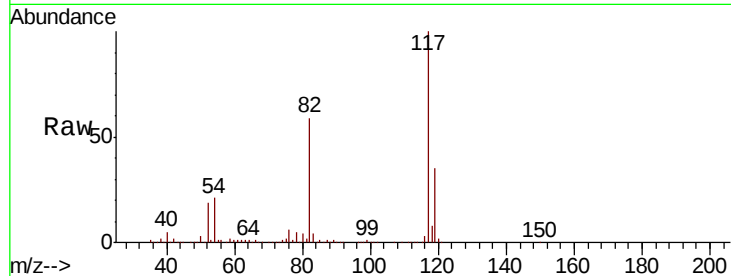
Tot Ion:117 Resp: 4205450

Ion Ratio Lower Upper

117 100

82 57.9 46.1 69.1

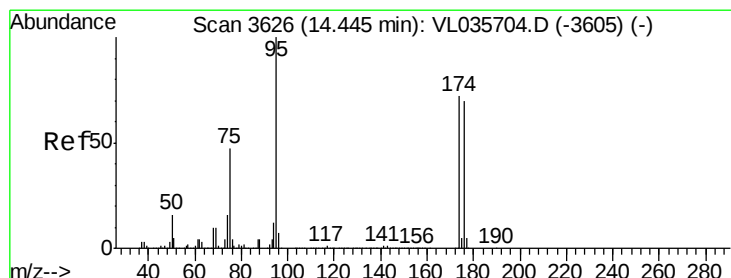
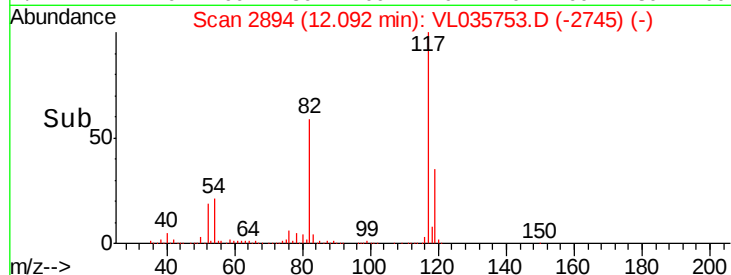
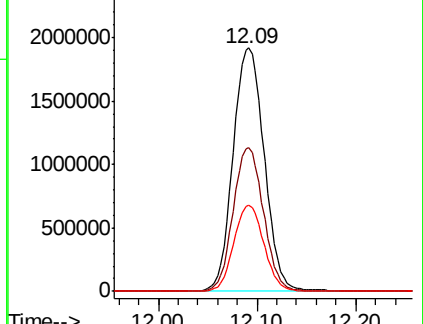
119 34.2 28.0 42.0



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: 9.824 ppbv

RT: 14.42 min Scan# 3619

Delta R.T. -0.02 min

Lab File: VL035753.D

Acq: 8 Oct 2020 20:15

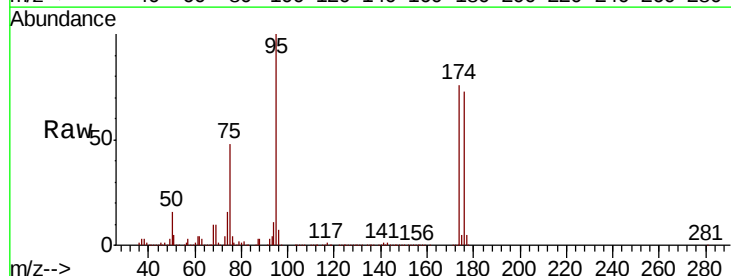
Tgt Ion: 95 Resp: 3095869

Ion Ratio Lower Upper

95 100

174 77.5 59.6 89.4

175 5.6 4.2 6.4



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

