

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL101920\
 Data File : VL035791.D
 Acq On : 19 Oct 2020 11:59
 Operator : SY/AP
 Sample : VL1019ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1019ABL01

Quant Time: Oct 20 08:09:24 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	5.65	49	1161469	10.00	ppbv	-0.04
33) 1,4-Difluorobenzene	7.16	114	4191783	10.00	ppbv	-0.04
55) Chlorobenzene-d5	12.07	117	4224304	10.00	ppbv	-0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	3170555	10.02	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.20%

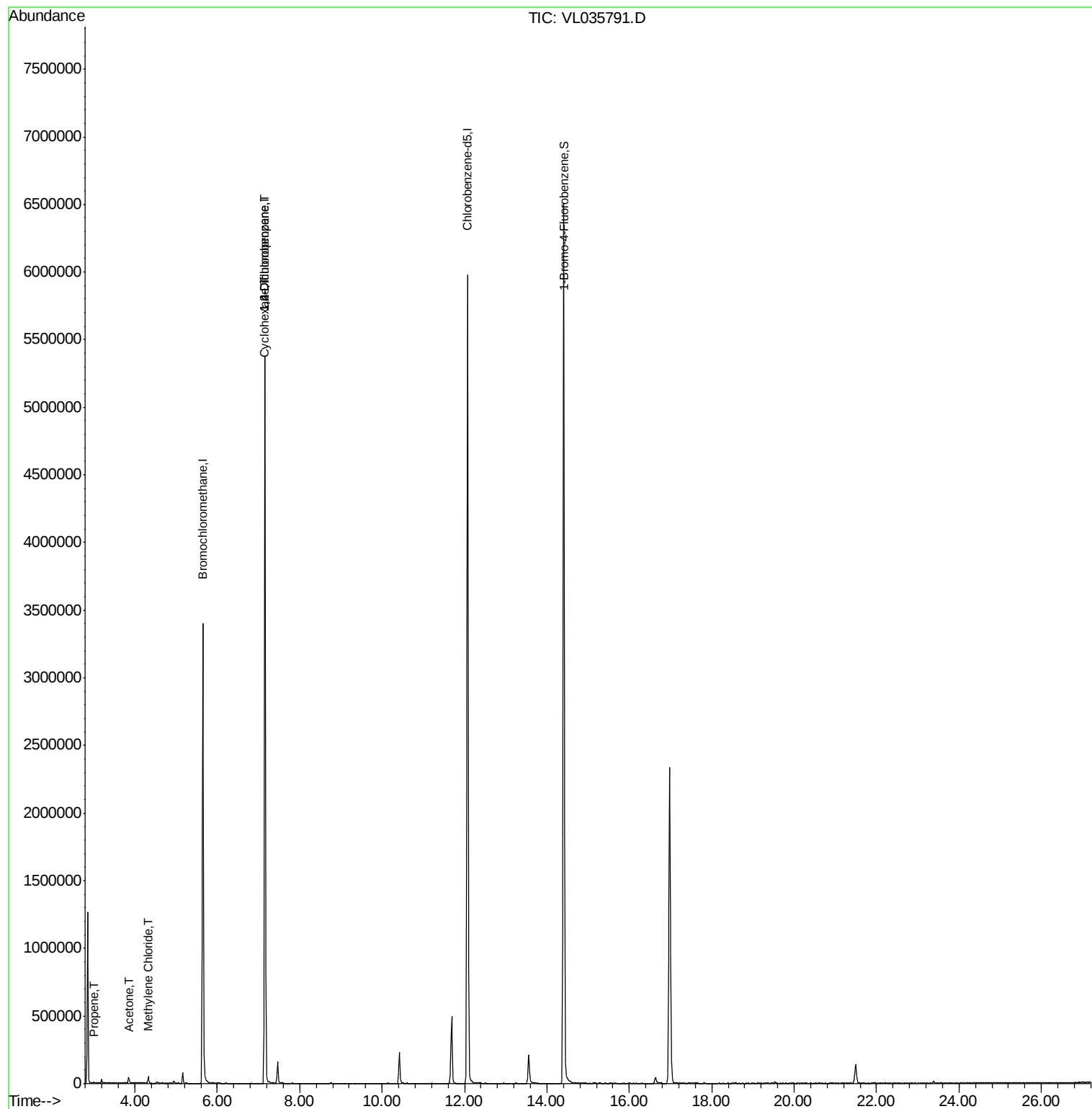
Target Compounds					Ovalue
9) Propene	3.00	41	3487	0.077 ppbv	90
15) Acetone	3.85	43	35504	0.284 ppbv #	29
20) Methylene Chloride	4.32	84	21952	0.239 ppbv	93
30) Cyclohexane	7.14	84	5108	0.042 ppbv #	7
39) 1,2-Dichloropropane	7.15	63	848580	8.571 ppbv #	31

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL092320AIR.M
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Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 889

Delta R.T. -0.04 min

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MSVOA_L

ClientSampleId :

VL1019ABL01

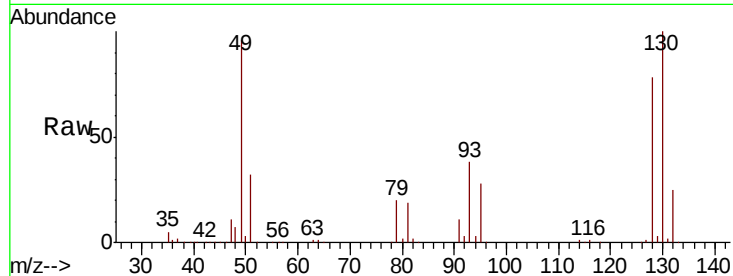
Tot Ion: 49 Resp: 1161469

Ion Ratio Lower Upper

49 100

128 82.4 43.1 129.4

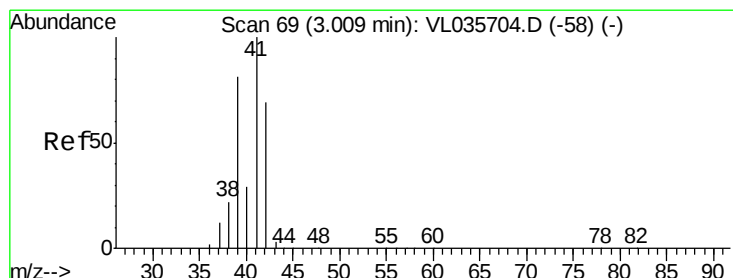
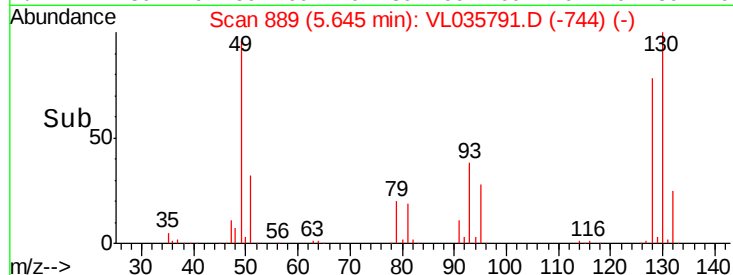
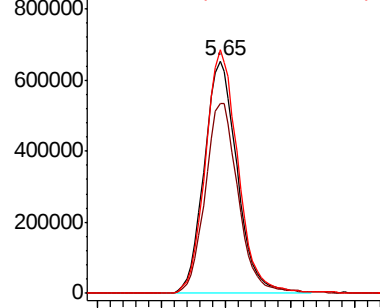
130 104.8 54.9 164.7



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



#9

Propene

Concen: 0.077 ppbv

RT: 3.00 min Scan# 65

Delta R.T. -0.01 min

Lab File: VL035791.D

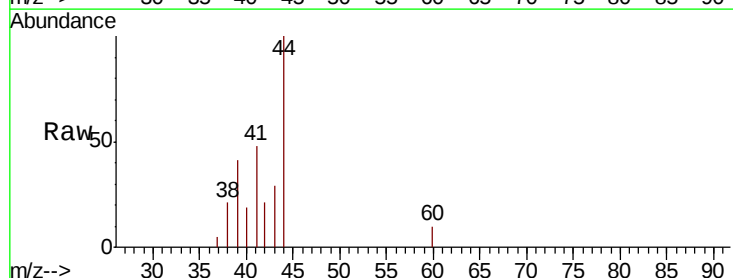
Acq: 19 Oct 2020 11:59

Tgt Ion: 41 Resp: 3487

Ion Ratio Lower Upper

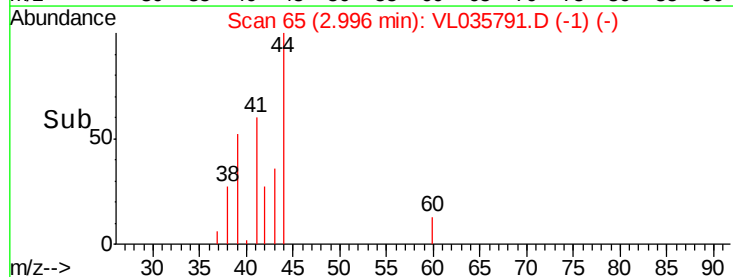
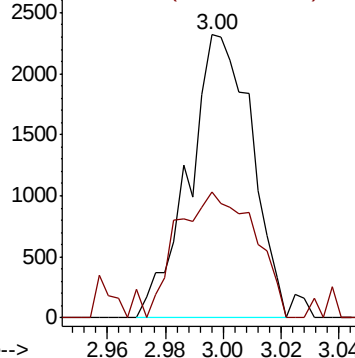
41 100

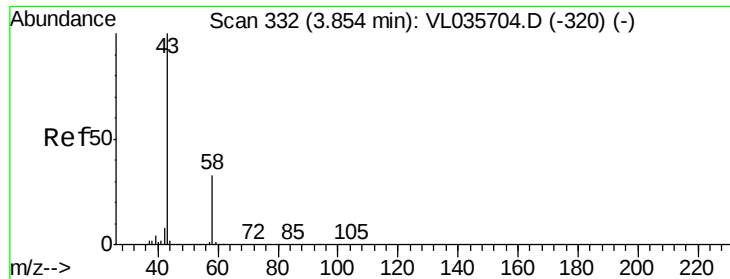
42 62.0 56.2 84.4



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





#15

Acetone

Concen: 0.284 ppbv

RT: 3.85 min Scan# 330

Delta R.T. -0.01 min

Lab File: VL035791.D

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Instrument :

MSVOA_L

ClientSampleId :

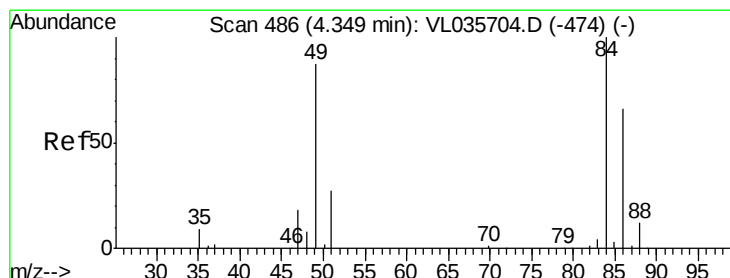
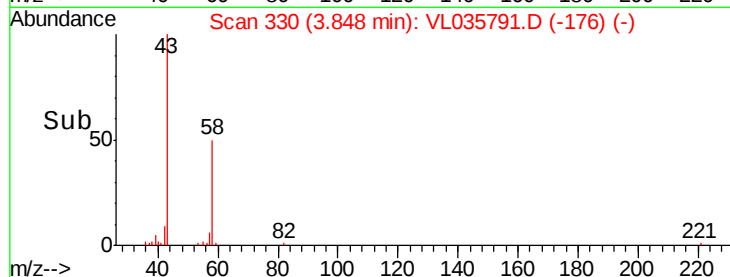
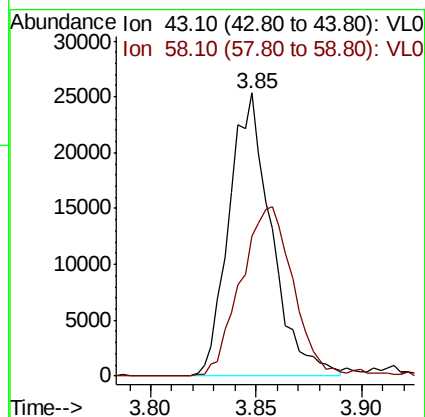
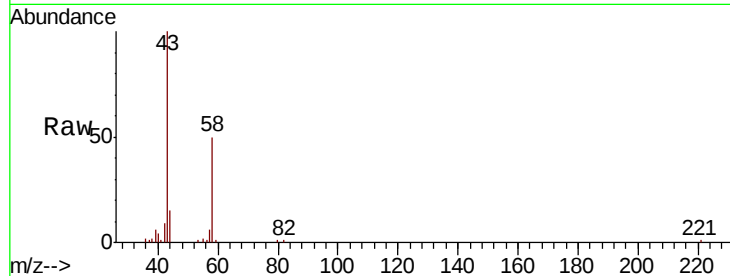
VL1019ABL01

Tot Ion: 43 Resp: 35504

Ion Ratio Lower Upper

43 100

58 74.8 27.3 40.9#



#20

Methylene Chloride

Concen: 0.239 ppbv

RT: 4.32 min Scan# 478

Delta R.T. -0.03 min

Lab File: VL035791.D

Acq: 19 Oct 2020 11:59

Tgt Ion: 84 Resp: 21952

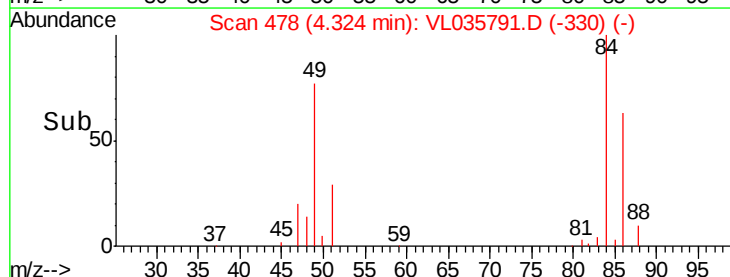
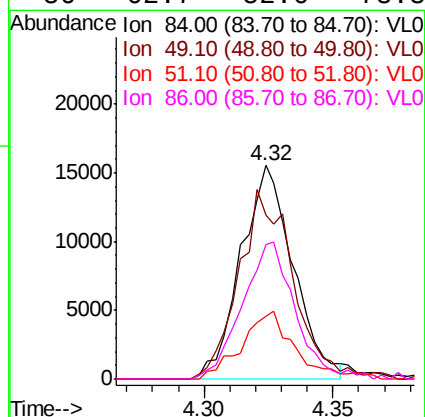
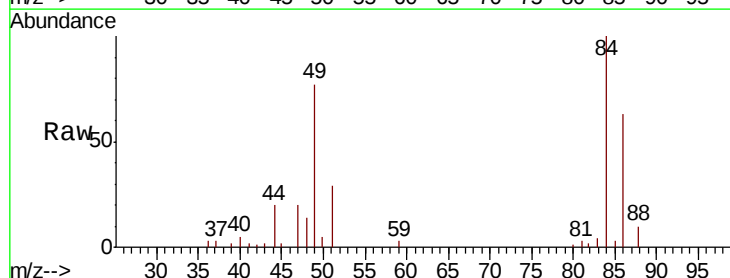
Ion Ratio Lower Upper

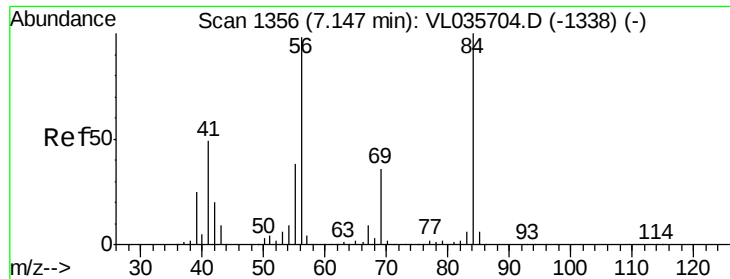
84 100

49 76.9 69.8 104.6

51 29.4 21.8 32.8

86 62.7 52.6 78.8

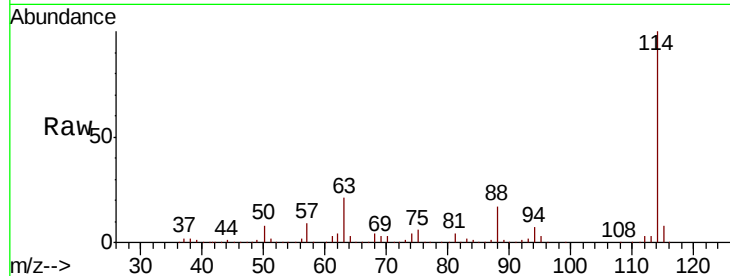




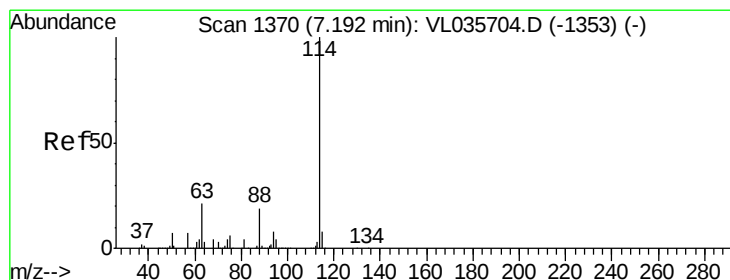
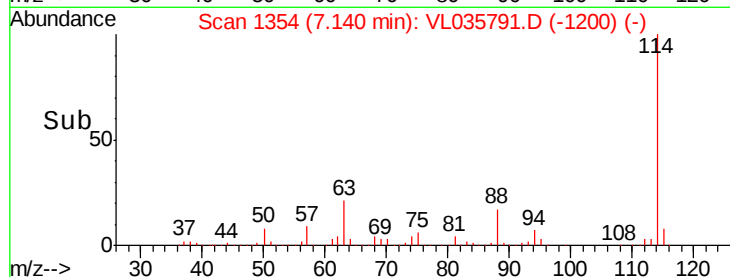
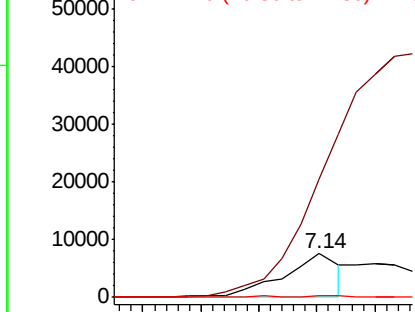
#30
Cyclohexane
Concen: 0.042 ppbv
RT: 7.14 min Scan# 1354
Delta R.T. -0.01 min
Lab File: VL035791.D
Acq: 19 Oct 2020 11:59

Instrument :
MSVOA_L
ClientSampleId :
VL1019ABL01

Tot Ion: 84 Resp: 5108
Ion Ratio Lower Upper
84 100
56 0.0 84.6 127.0#
41 0.0 41.1 61.7#

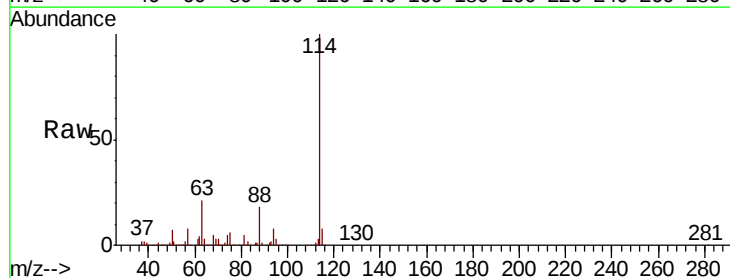


Abundance Ion 84.20 (83.90 to 84.90): VL0
Ion 56.10 (55.80 to 56.80): VL0
Ion 41.10 (40.80 to 41.80): VL0

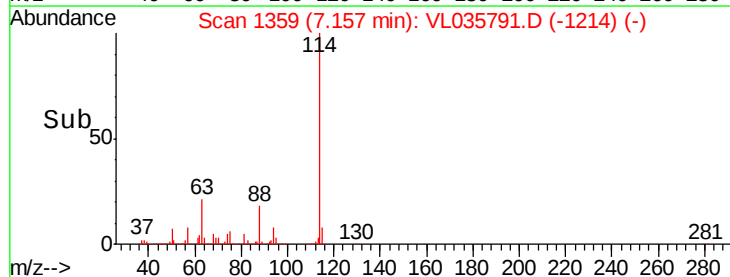
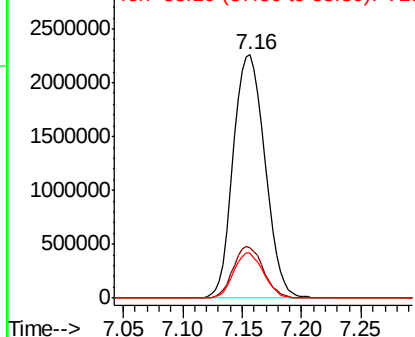


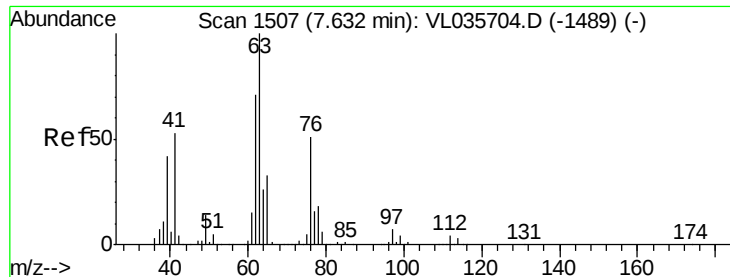
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1359
Delta R.T. -0.04 min
Lab File: VL035791.D
Acq: 19 Oct 2020 11:59

Tgt Ion: 114 Resp: 4191783
Ion Ratio Lower Upper
114 100
63 20.3 16.1 24.1
88 17.5 14.1 21.1



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

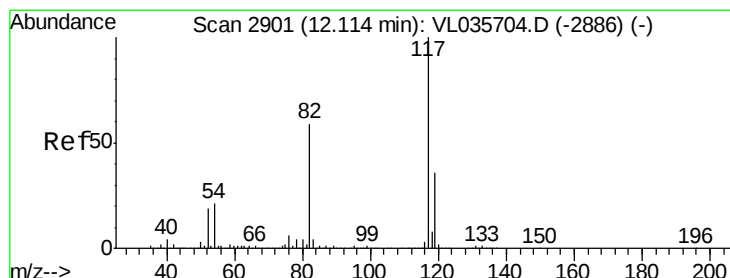
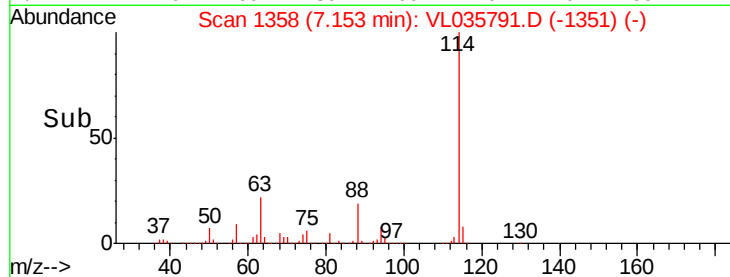
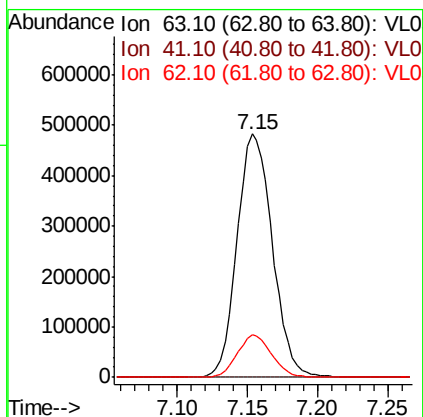
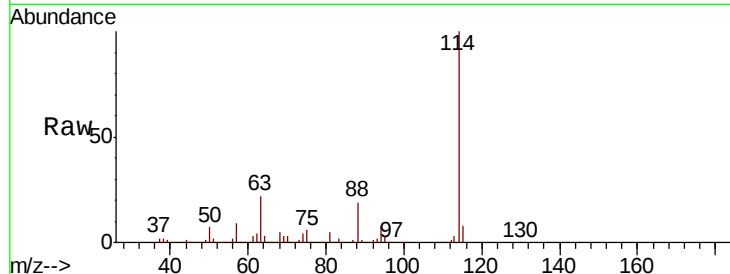




#39
 1,2-Dichloropropane
 Concen: 8.571 ppbv
 RT: 7.15 min Scan# 1358
 Delta R.T. -0.48 min
 Lab File: VL035791.D
 Acq: 19 Oct 2020 11:59

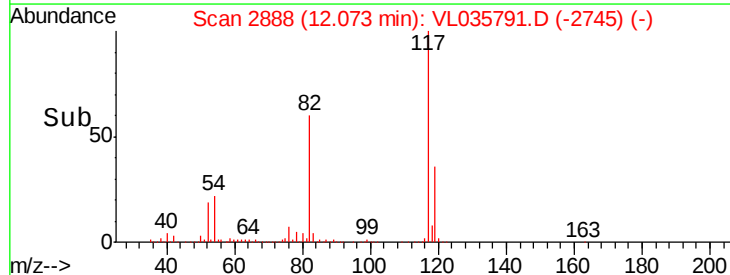
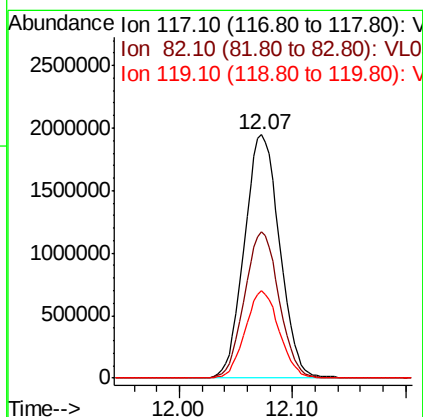
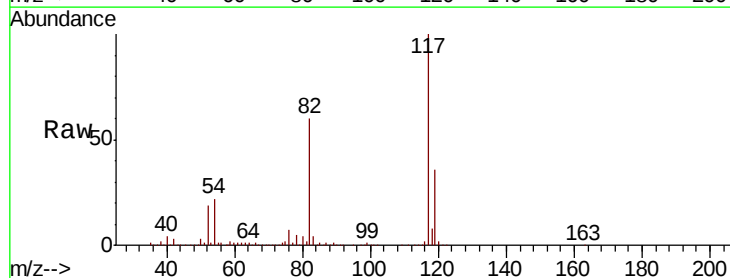
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 ClientSampleId :
 VL1019ABL01

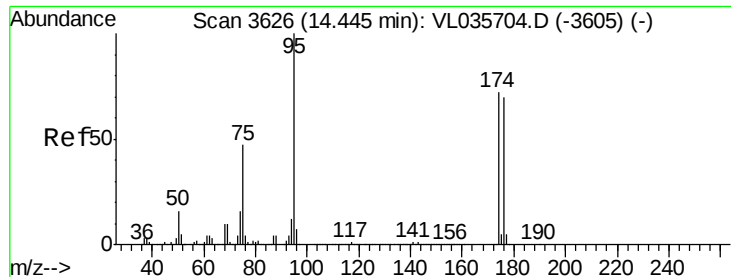
Tot Ion	63	Resp	848580
Ion Ratio	Lower	Upper	
63	100		
41	0.0	42.6	63.8#
62	17.3	56.5	84.7#



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.07 min Scan# 2888
 Delta R.T. -0.04 min
 Lab File: VL035791.D
 Acq: 19 Oct 2020 11:59

Tgt Ion	117	Resp	4224304
Ion Ratio	Lower	Upper	
117	100		
82	59.1	46.1	69.1
119	34.6	28.0	42.0





#68

1-Bromo-4-Fluorobenzene

Concen: 10.016 ppbv

RT: 14.41 min Scan# 3614

Delta R.T. -0.04 min

Lab File: VL035791.D

Acq: 19 Oct 2020 11:59

Instrument :

MSVOA_L

ClientSampleId :

VL1019ABL01

Tot Ion: 95 Resp: 3170555

Ion Ratio Lower Upper

95 100

174 76.1 59.6 89.4

175 5.5 4.2 6.4

