

Data File : VL035732.D
Acq On : 29 Sep 2020 20:07
Operator : SY/AP
Sample : QC092320 CAN 10126
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC092320 CAN 10126

Quant Time: Sep 30 02:42:16 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL092320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed 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	5.68	49	1094443	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.20	114	3993825	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	4094016	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	3090058	10.07	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.70%

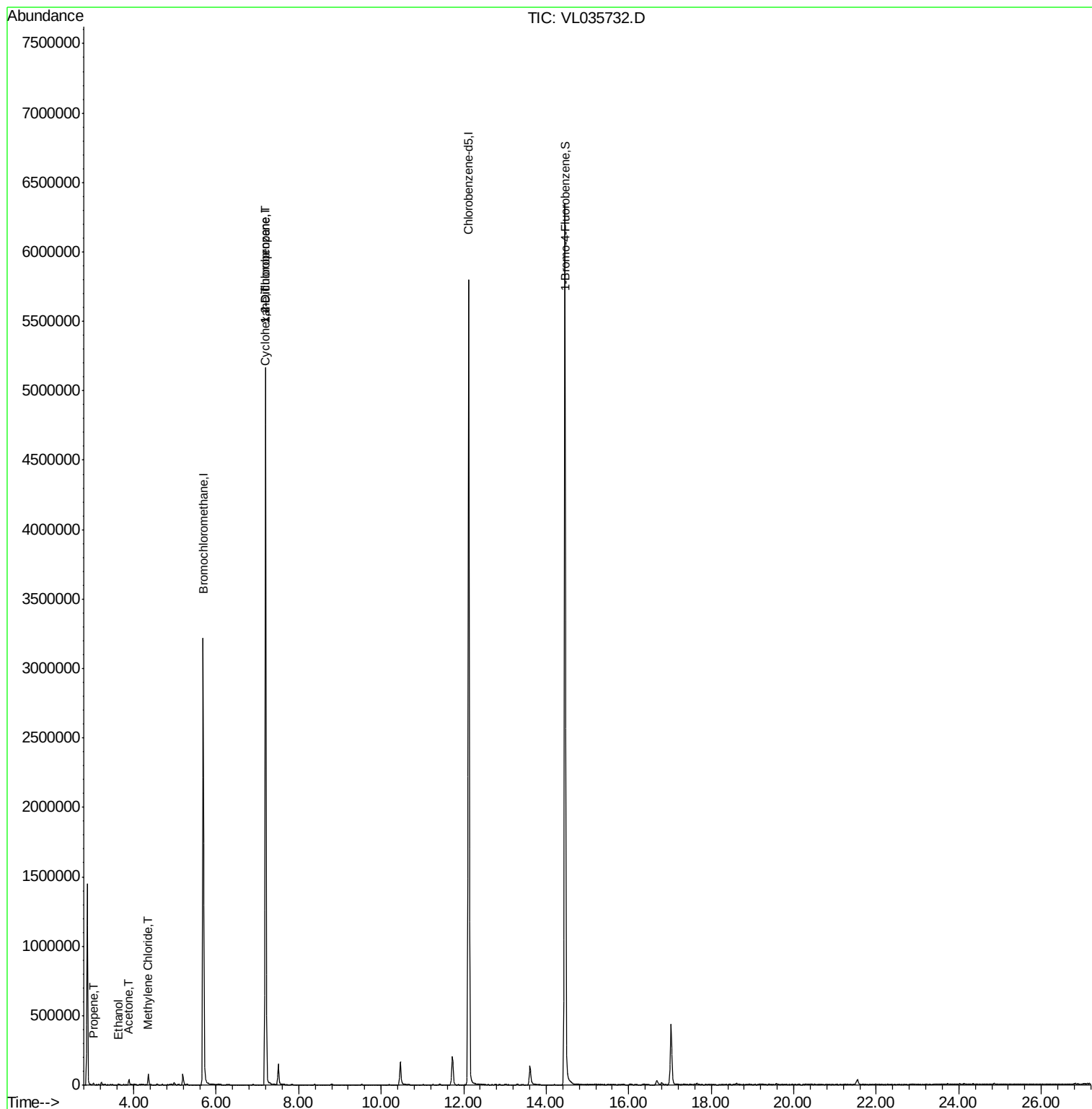
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	3.03	41	4207	0.098	ppbv #	77
13) Ethanol	3.62	45	538	0.051	ppbv #	38
15) Acetone	3.88	43	29743	0.253	ppbv #	26
20) Methylene Chloride	4.36	84	31915	0.369	ppbv	97
30) Cyclohexane	7.18	84	9374	0.082	ppbv #	7
39) 1,2-Dichloropropane	7.20	63	792556	8.402	ppbv #	31

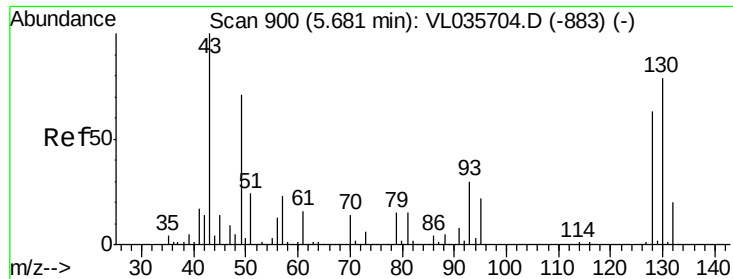
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 901

Delta R.T. 0.00 min

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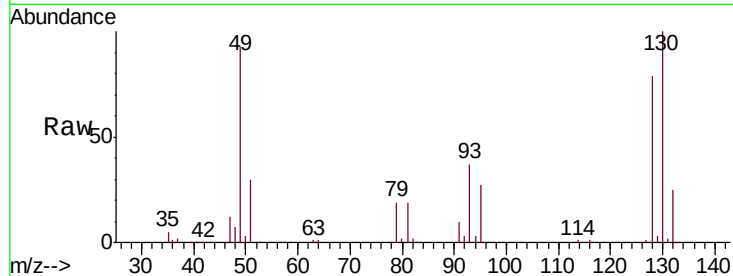
Tgt Ion: 49 Resp: 1094443

Ion Ratio Lower Upper

49 100

128 84.8 43.1 129.4

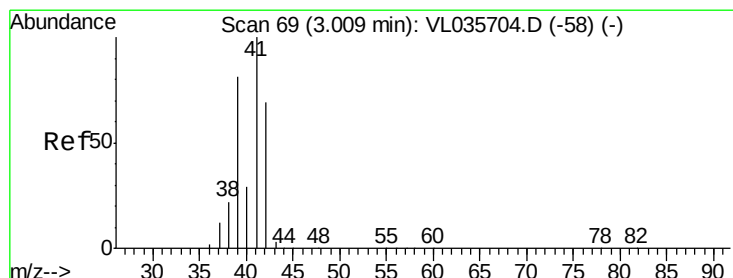
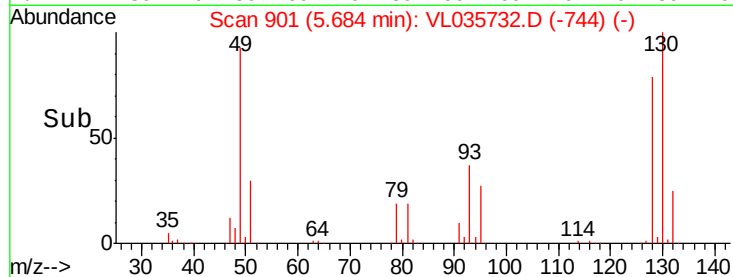
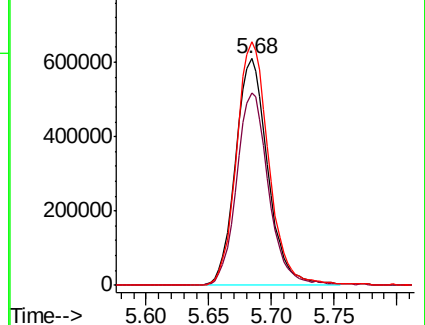
130 108.1 54.9 164.7



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



#9

Propene

Concen: 0.098 ppbv

RT: 3.03 min Scan# 75

Delta R.T. 0.02 min

Lab File: VL035732.D

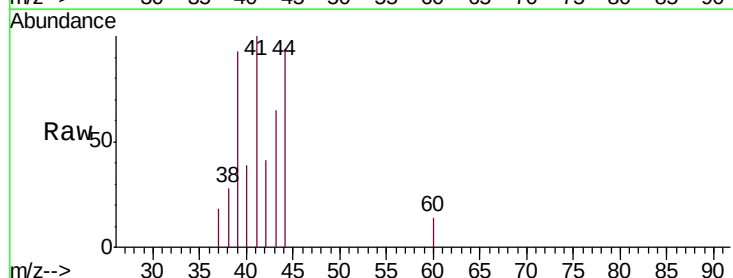
Acq: 29 Sep 2020 20:07

Tgt Ion: 41 Resp: 4207

Ion Ratio Lower Upper

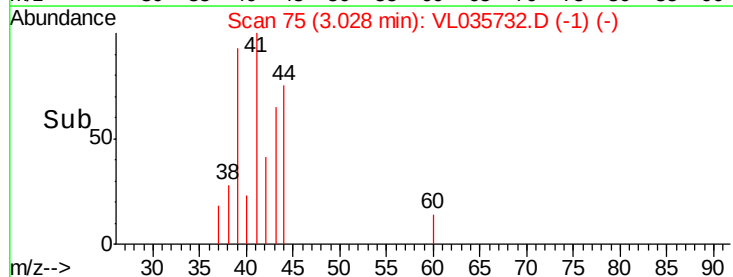
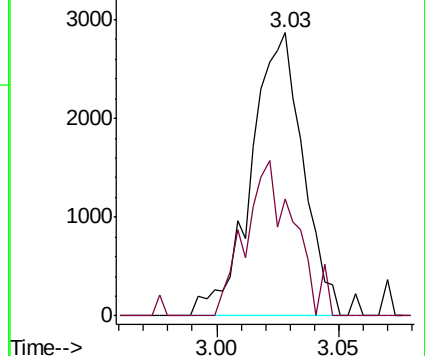
41 100

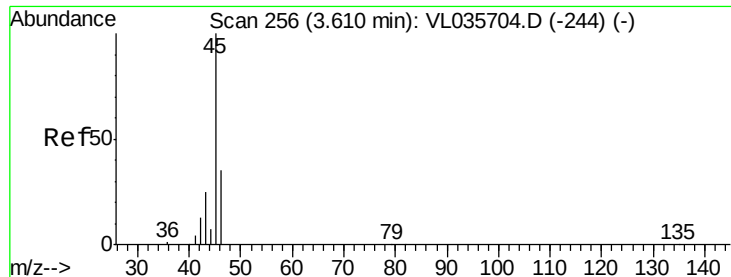
42 51.5 56.2 84.4#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

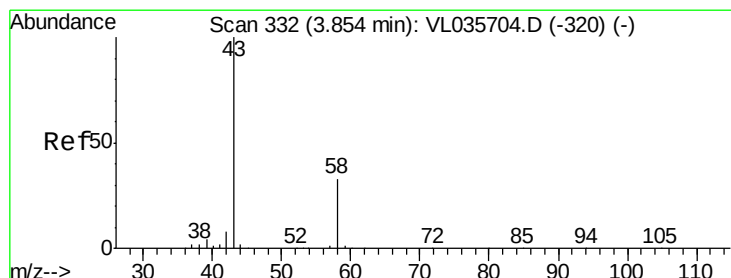
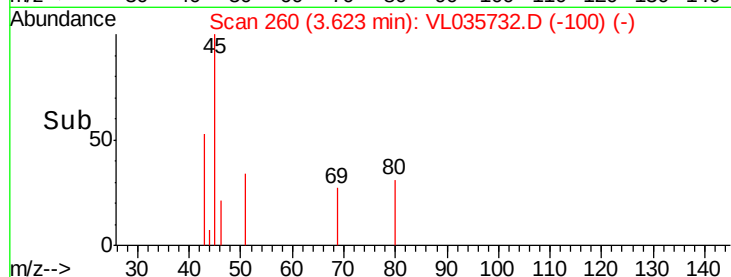
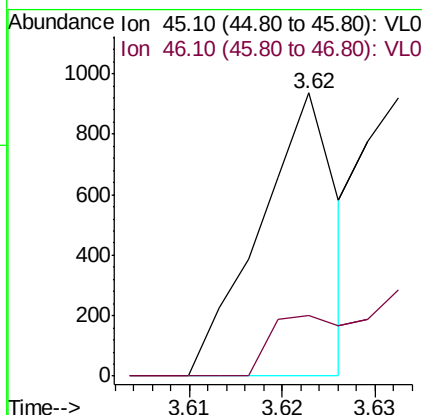
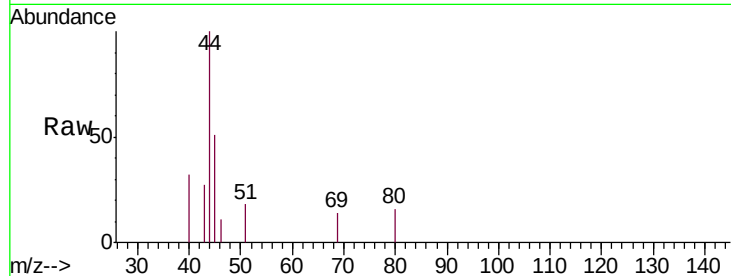




#13
Ethanol
Concen: 0.051 ppbv
RT: 3.62 min Scan# 260
Delta R.T. 0.01 min
Lab File: VL035732.D
Acq: 29 Sep 2020 20:07

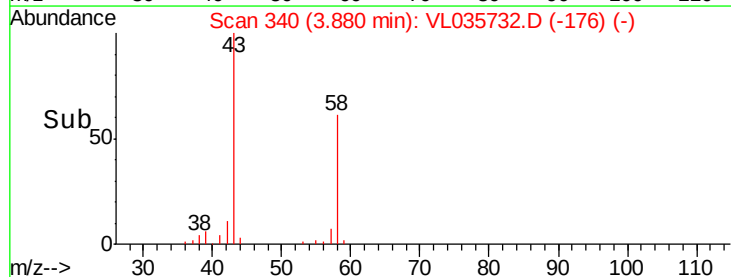
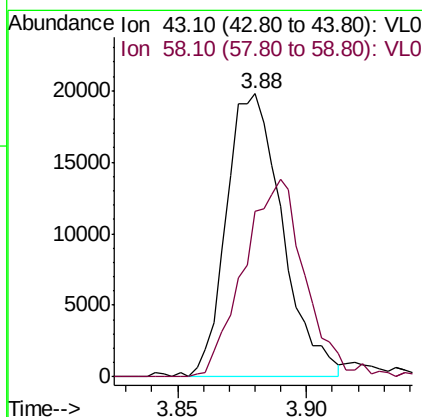
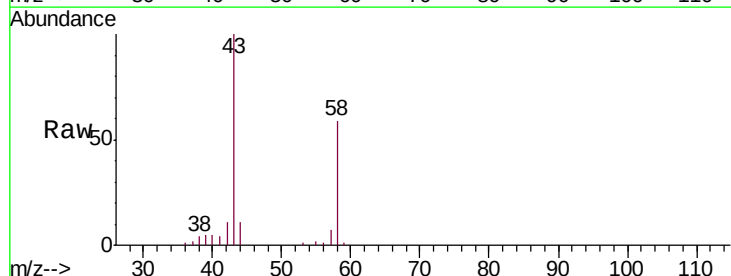
Instrument :
MSVOA_L
ClientSampleId :
QC092320 CAN 10126

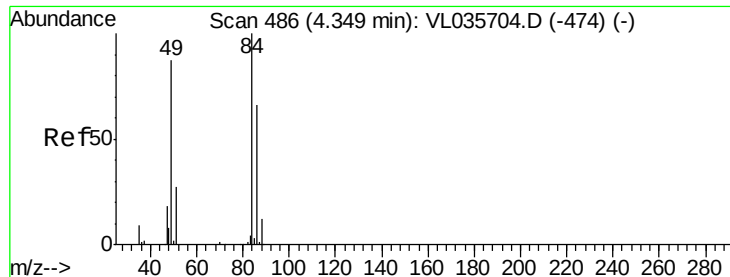
Tgt Ion: 45 Resp: 538
Ion Ratio Lower Upper
45 100
46 0.0 14.7 58.7#



#15
Acetone
Concen: 0.253 ppbv
RT: 3.88 min Scan# 340
Delta R.T. 0.03 min
Lab File: VL035732.D
Acq: 29 Sep 2020 20:07

Tgt Ion: 43 Resp: 29743
Ion Ratio Lower Upper
43 100
58 76.8 27.3 40.9#

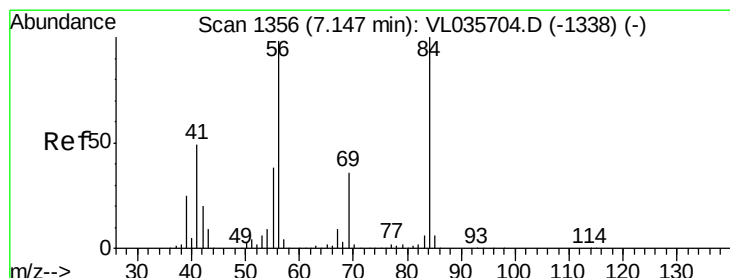
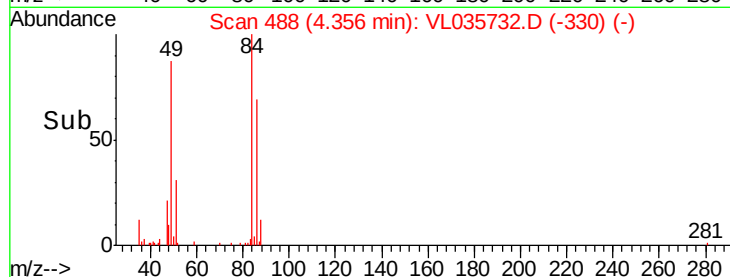
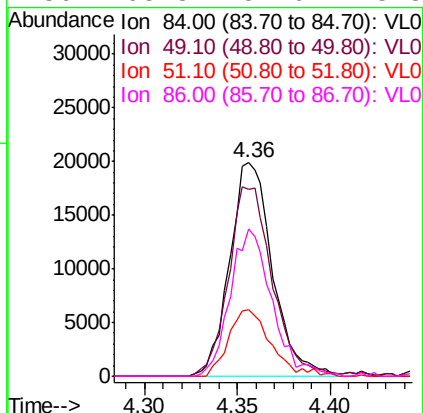
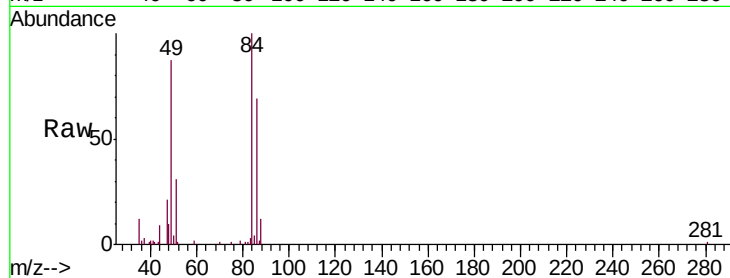




#20
Methylene Chloride
Concen: 0.369 ppbv
RT: 4.36 min Scan# 488
Delta R.T. 0.01 min
Lab File: VL035732.D
Acq: 29 Sep 2020 20:07

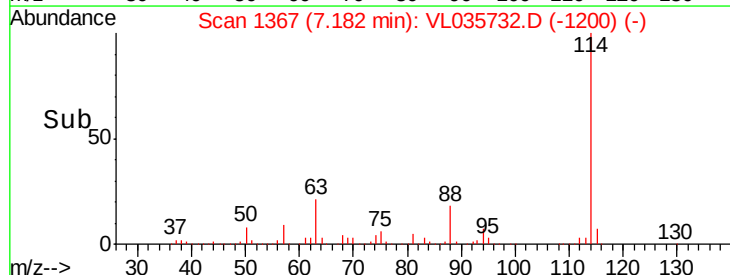
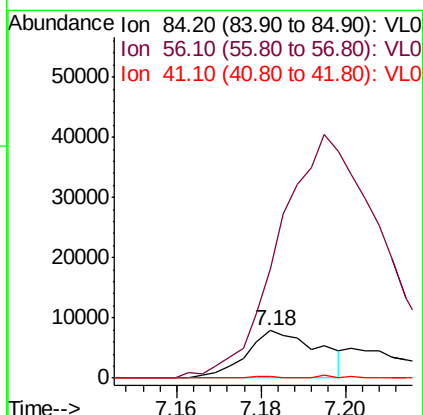
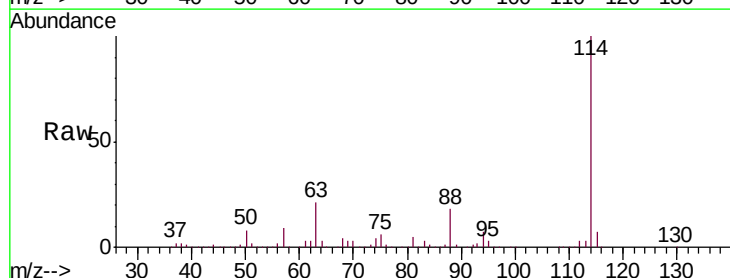
Instrument :
MSVOA_L
ClientSampleId :
QC092320 CAN 10126

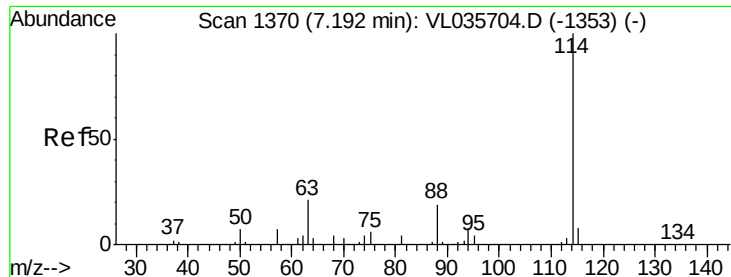
Tgt Ion:	84	Resp:	31915
Ion	Ratio	Lower	Upper
84	100		
49	87.2	69.8	104.6
51	31.3	21.8	32.8
86	68.8	52.6	78.8



#30
Cyclohexane
Concen: 0.082 ppbv
RT: 7.18 min Scan# 1367
Delta R.T. 0.04 min
Lab File: VL035732.D
Acq: 29 Sep 2020 20:07

Tgt Ion:	84	Resp:	9374
Ion	Ratio	Lower	Upper
84	100		
56	0.0	84.6	127.0#
41	0.0	41.1	61.7#

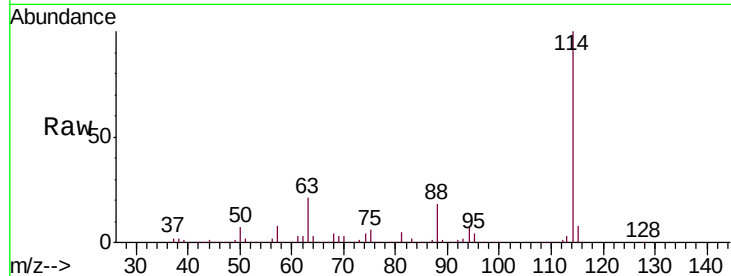




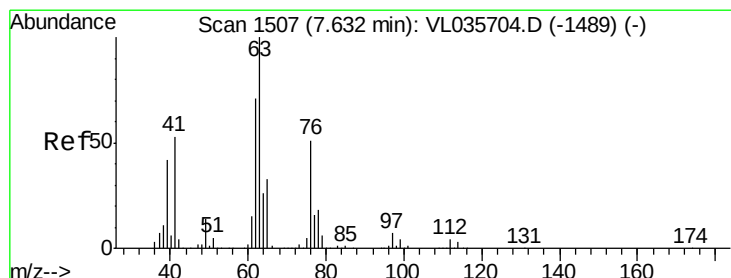
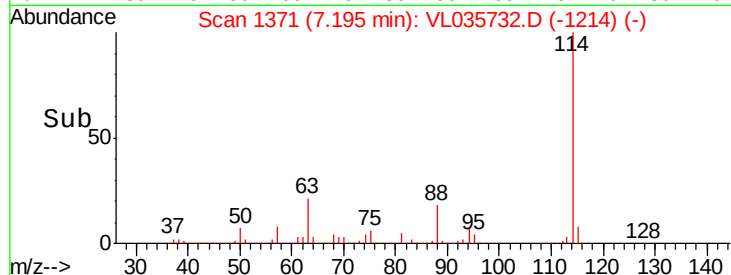
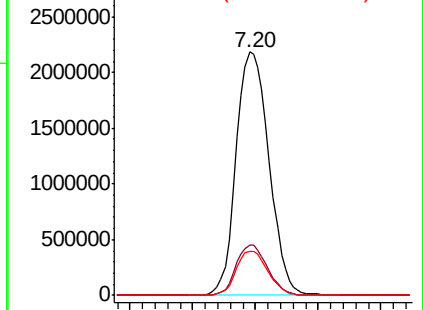
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.20 min Scan# 1371
 Delta R.T. 0.00 min
 Lab File: VL035732.D
 Acq: 29 Sep 2020 20:07

Instrument :
 MSVOA_L
 ClientSampleId :
 QC092320 CAN 10126

Tgt Ion: 114 Resp: 3993825
 Ion Ratio Lower Upper
 114 100
 63 19.9 16.1 24.1
 88 17.6 14.1 21.1

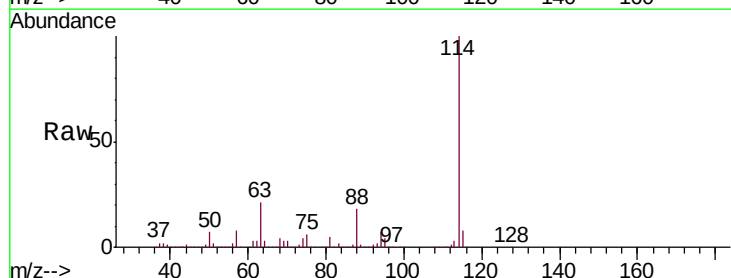


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

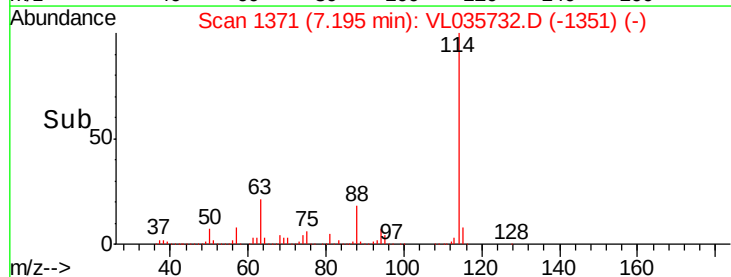
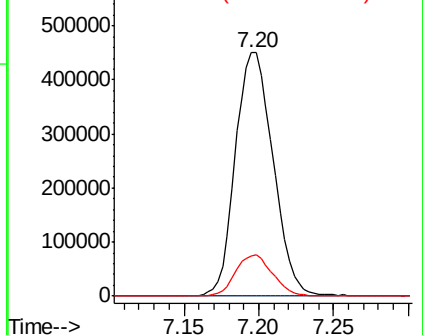


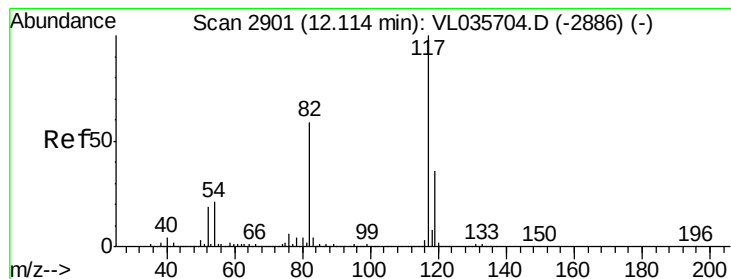
#39
 1,2-Dichloropropane
 Concen: 8.402 ppbv
 RT: 7.20 min Scan# 1371
 Delta R.T. -0.44 min
 Lab File: VL035732.D
 Acq: 29 Sep 2020 20:07

Tgt Ion: 63 Resp: 792556
 Ion Ratio Lower Upper
 63 100
 41 0.1 42.6 63.8#
 62 16.7 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: 12.12 min Scan# 2903

Delta R.T. 0.01 min

Lab File: VL035732.D

Acq: 29 Sep 2020 20:07

Instrument :

MSVOA_L

ClientSampleId :

QC092320 CAN 10126

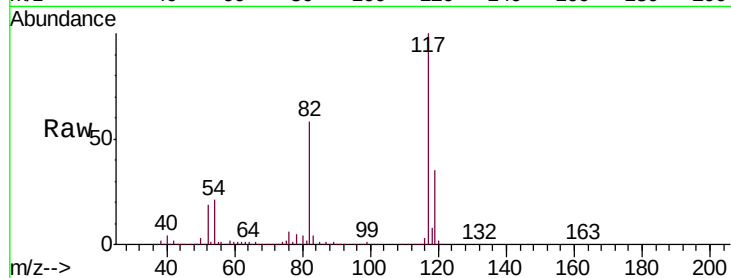
Tgt Ion:117 Resp: 4094016

Ion Ratio Lower Upper

117 100

82 59.0 46.1 69.1

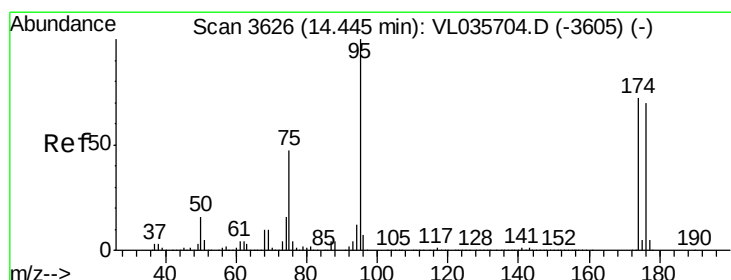
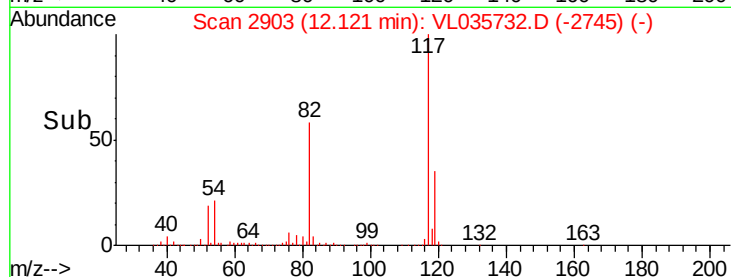
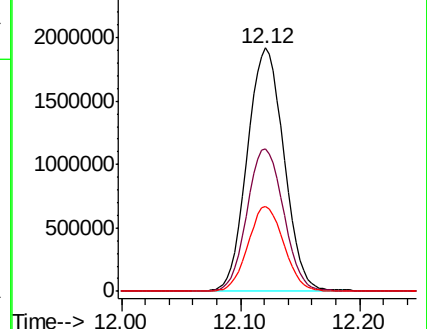
119 34.3 28.0 42.0



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: 10.072 ppbv

RT: 14.46 min Scan# 3629

Delta R.T. 0.01 min

Lab File: VL035732.D

Acq: 29 Sep 2020 20:07

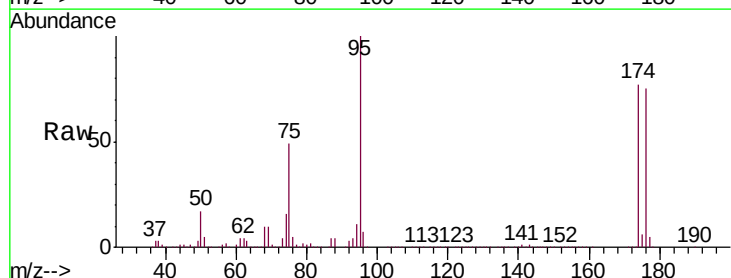
Tgt Ion: 95 Resp: 3090058

Ion Ratio Lower Upper

95 100

174 77.1 59.6 89.4

175 5.5 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

